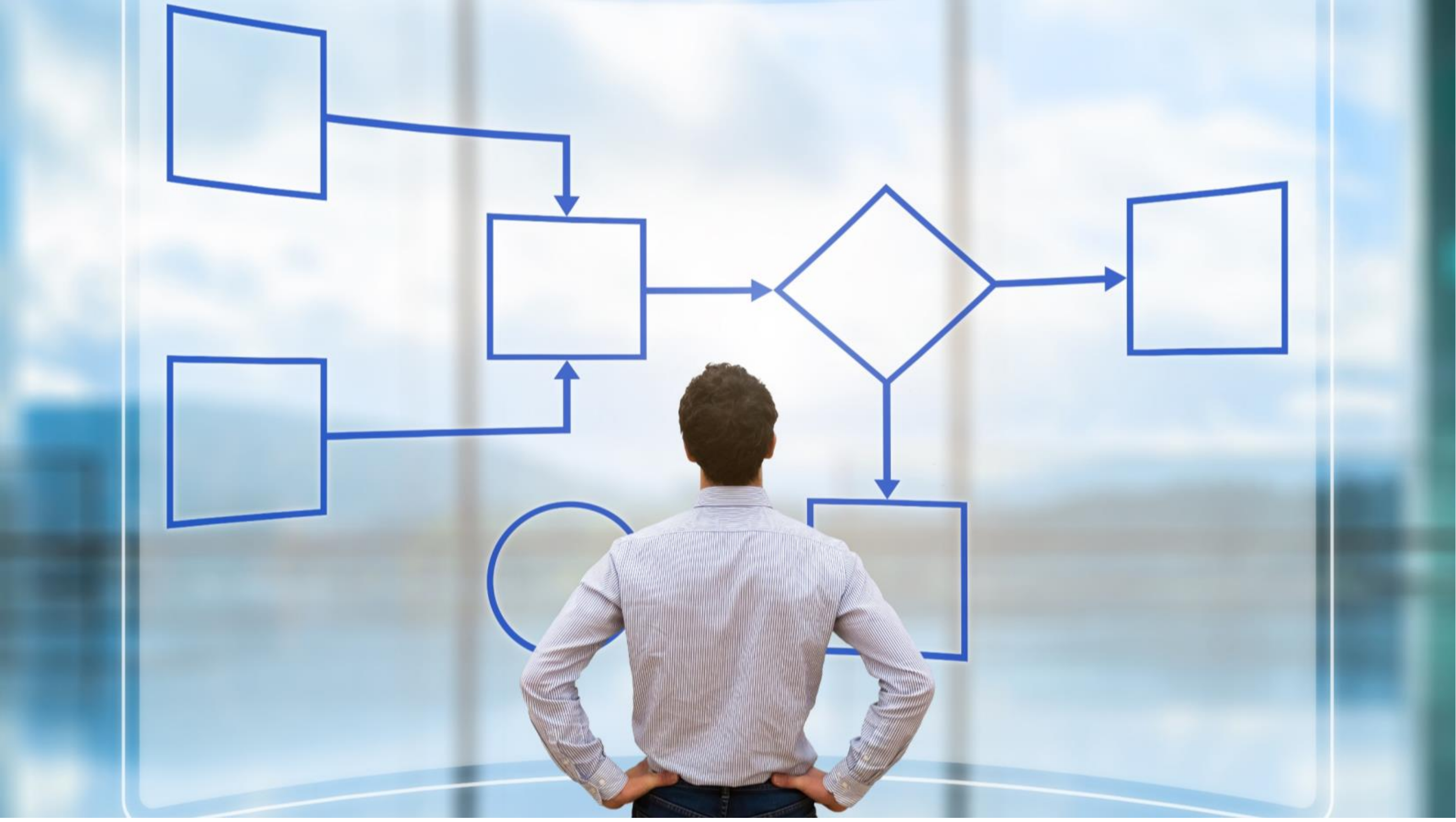

Alcatel-Lucent Enterprise Connect powered by AKIO Administration

User guide

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Alcatel·Lucent
Enterprise

Table of contents

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History

Software version	Date	Author	Subject
7.30	12/09/2023	AKIO	Various corrections to the *Correlator data* functionality
7.30	28/07/2023	AKIO	Various developments in user profiles
7.29	26/05/2023	AKIO	Definitive deletion of external users: deletion of the *External* user type, renaming of the *Internal* user type to *Standard*. Definitive deletion of external user groups: deletion of *Internal* and *External* menu entries, direct display of standard user groups. Removal of the *To external agent* action from the default redirection profiles Removal of the *Access to external desktops* parameter from the user profiles Removal of the *Folders "To be processed by external agent"* parameter from the waiting messages Removal of the *Assign to the external agent* action from the routing rules New section *Context data* in the *Widgets* chapter
7.28	24/03/2023	AKIO	Address book update: new Telephone column, no mandatory email address, new action to delete all recipients Update of the Tag Management System section in the widget builder Removal of the *Activate automatic replies* and *Filter attachments* actions from the routing rules
7.27	13/01/2023	AKIO	Widget Builder functionality updated *Creating a widget* and *Deleting a widget* sections updated Update of the *Appearance of a widget* section following the addition of new parameters (position) Update of the *Pre-contact survey* section following the addition of new parameters Update of the *Tag Management System* section of the widget builder Updated widget images following the addition of a Send button in the message entry area (chat)
7.26	18/11/2022	AKIO	Rewriting of the *Widget Builder* section New sections dedicated to the use of a widget by the web user

Software version	Date	Author	Subject
			New definition of the *Maximum waiting time of contacts* parameter in a chat queue

1 Welcome to ALE Connect

ALE Connect is an **application for customer relationship management** that unifies all interaction channels (telephone, email, web chat, social networks). It optimises their processing, both in terms of response quality and volume processed. This **documentation** presents the ALE Connect **administration features**, whatever the media managed by the platform. They will allow you to set up the software and use it according to the needs of the activity.

A single platform for all media

ALE Connect centralises exchanges from different media such as **phone**, **email**, **Facebook Messenger** conversations, or **chat** from a single interface. For each contact, ALE Connect generates a sheet that centralises collected information from existing folders and bring together the contact exchanges history.

Segment your activities

ALE Connect is built on a structure based on **business units**, each containing one or several interaction **queues** of a same media.

Agents are split into groups to which rights are assigned to these queues, according to their **skills**. All agents from the same group have therefore the same rights, the same access to the application functionalities, the same interface and the same folders to be processed. Assigning rights on queues and skills is the responsibility of the coordinator or supervisor. This setup is performed in the administration interface of the software.

It is therefore very easy to partition or not the activities according to operational or accounting needs, etc.

Realtime statistics versus reporting

ALE Connect provides dedicated functionalities for **supervisors**, as agent group managers. They can thus manage the activity, while helping the supervised agents in their daily tasks (please refer to the *Supervisor* documentation for further information).

For this purpose, the software offers a **dashboarding application** to monitor the realtime activity, as well as an integrated **reporting module**. This module provides standard reports, with the possibility to create your own reports, published in real time or sent off-line by email.

1.1 Minimum required configuration

Before using the application, ALE Connect must match with the following configuration criteria for an optimal use.

Compatible browsers

No matter the chosen browser, it must support the SSL protocol, use the Websocket API, run JavaScript execution and accept cookies. Any browser not listed below is not compatible with ALE Connect.

Mozilla Firefox 102 ESR

Internet temporary file settings should be configured as follows: enter about:config in the browser address bar. The list of Firefox settings is displayed. Then check that the browser.cache.disk.enable option is set to "true".

Google Chrome

Current version

Microsoft Edge

Current version

Screen resolution

- 1920 x 1080 – Recommended with a wide screen
- 1280 x 1024 – Minimum resolution supported
- Regardless of the resolution chosen, the browser tab in which ALE Connect is opened must use **100% zoom**, and **must not be reduced below the supported resolution, or enlarged**. Any browser or operating system options that affect the scale, zoom, layout, text size, resolution or orientation of the software may cause ALE Connect to display incorrectly.

Memory

- Recent desktop PCs with **2 GB** of RAM
- Minimum prerequisite for an ALE Connect activity only and without third-party tools

Network

- For an optimal performance, **direct communication** between the browser and ALE Connect web services in the Cloud is recommended. Consequently, please make sure that no component can disturb this communication (example: antivirus, proxy, etc.).
- Communication on the **TCP 443** port (by default) is required between the user’s computer and the ALE Connect web services.

Recommendations

- Some constraints related to the **use of keyboard** or **browser** functions have been noticed.
- It is strongly recommended not to use the following keys or functions when the agent is working on ALE Connect: the **Back** button from the browser, the **Backspace** key, **F5**, **Enter** or the **space bar** (excluding manual entry of a field content).

1.2 License and media

ALE Connect manages the following interaction channels below from a single unified interface.

Voice	Email	Chat	Facebook Messenger	Twitter

The use of the license is based on the two articles of the ALE Connect offer:

- The **accesses (Connected Agent)** represent the number of users simultaneously logged in to ALE Connect. They are divided into two pools: one reserved for V.I.P. users (coordinators or supervisors) and the other accessible to all. For each “Connected Agent” article purchased, a token will be systematically provisioned in the ALE Connect license. This token corresponds to the use of the voice media. An additional access is added free of charge to the ALE Connect license to allow a coordinator to be logged in to the web configuration interface.
- The **tokens (Interaction Channel)** represent the number of media that a user can write to. They are divided by business units, then for each of them into two pools, one reserved for V.I.P. users and the other accessible to all.
  Example: an agent with read/write rights to 1 or more Voice queues and 1 or more Email queues. At login, the agent will consume 1 access and 2 tokens. The number of tokens available in the ALE Connect license will be the sum of the “Connected Agent” and “Interaction Channel” articles.

Warning: depending on the offer acquired, some functionalities described in this documentation may not be available on your interface. This is particularly the case if the subscription is only for the “Connected Agent” article. In that case, only the voice media will be available.

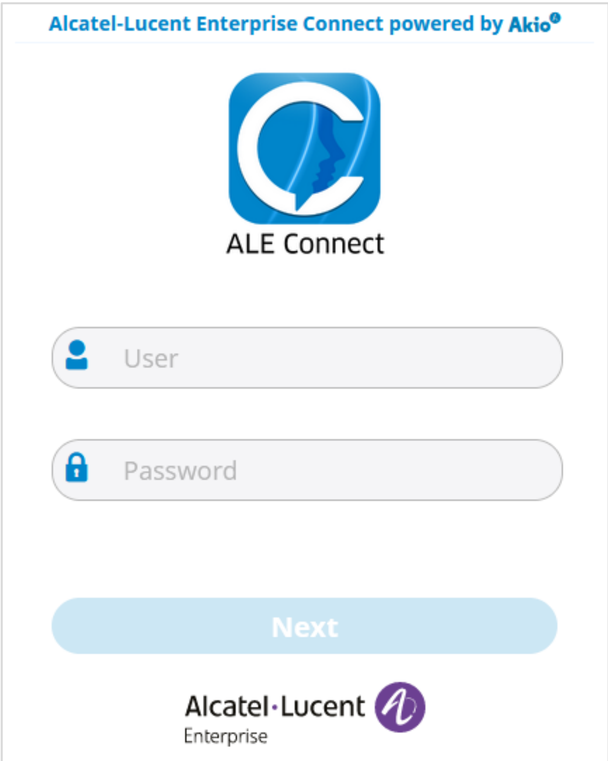
1.3 Logging in to ALE Connect

The login to the software is mandatory. It defines your access permissions based on your profile.
The login errors are identified and a message informs you if the login and/or password is incorrect.

1.3.1 Login

1. Enter the **URL address** of the tenant that you wish to configure in the browser of your computer.

   The login page is displayed:



2. Enter the user **login** and the **password** assigned to you.

   Warning: these fields are case sensitive.

3. Click the **Next** button: the administration interface is displayed.

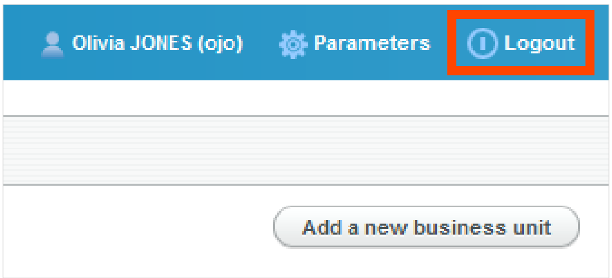
   The access to the different functionalities depends on your profile.

1.3.2 Logout

You must log out properly when your working session is over. If you forgot to log out the day before, do it as soon as you arrive before opening a new session. Closing the web browser is not considered as a logout.

1.3.2.1 Manual

1. Click the **Logout** button in the upper right corner of the application.



2. You are now logged out.

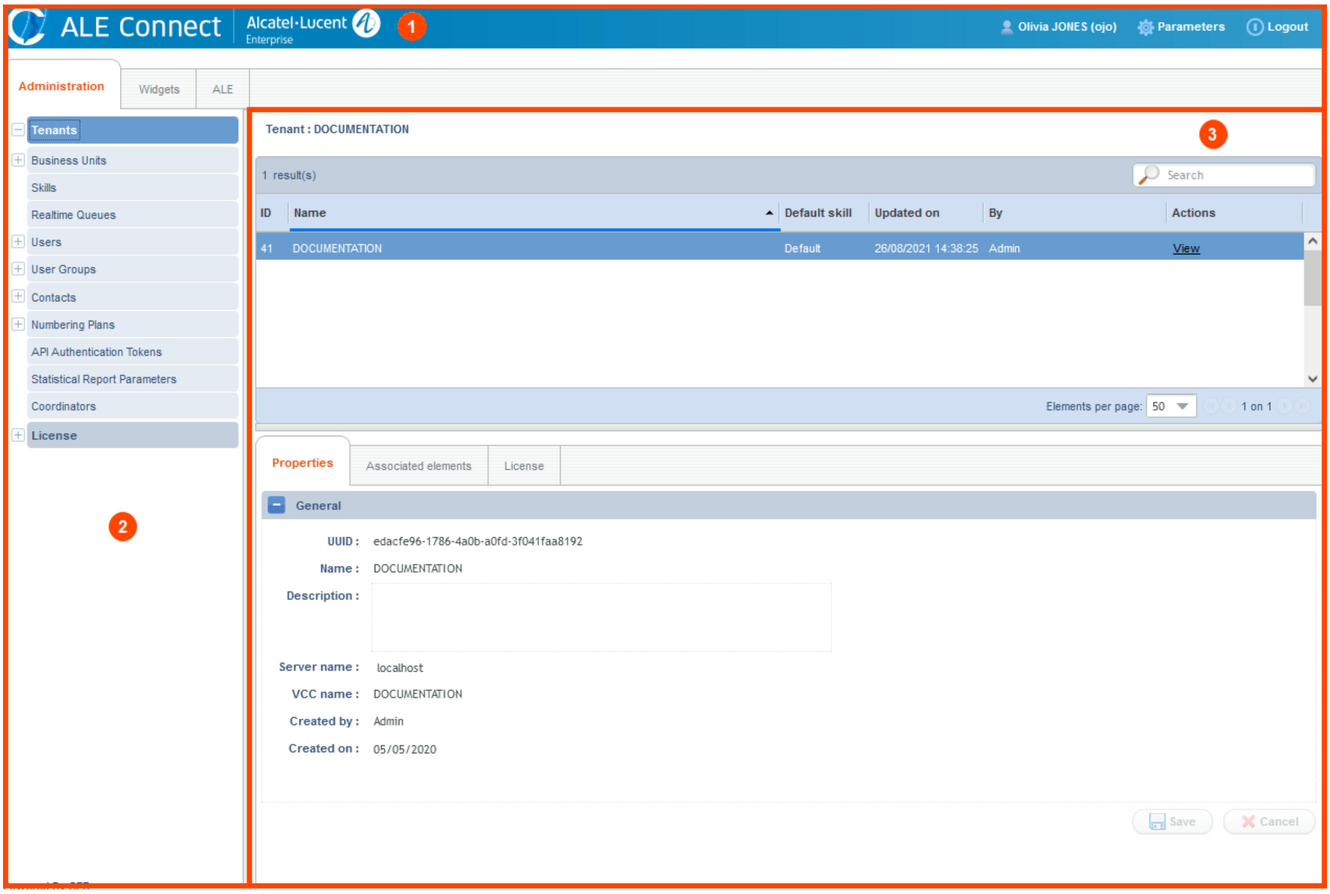
1.3.2.2 Automatic

ALE Connect can log you out automatically:

- after a certain **period of inactivity** defined by the administrator. Your session is then expired.
- when a user **logs in under your identity**. Indeed, only one simultaneous login by user is authorised.
- when you are **voluntarily logged out** by an administrator or another coordinator.
- when your **coordinator role is removed** by an administrator or another coordinator.
- when your **supervisor role is removed** by an administrator or another coordinator.

1.4 Introducing the interface

The administration interface presents a sober working environment, arranged to favour a clear display. Most of the screens are designed with the same template, to ensure consistency in ergonomics. It looks like this:



1 Banner

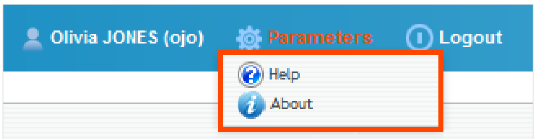
2 Main menus

3 Workspace

1.4.1 Banner

Located in upper part of the interface, the banner is displayed permanently:

To the right of the **interface name** (1), ALE Connect displays the first name, name (login) of the **user logged in** (2). By clicking it, you go directly to the user management of the platform. The **Parameters** scrolling menu (3) allows you to access the general parameters of the administration interface:



To read the online help, click **Help**. It is displayed in the default web browser of your computer (a display with 100% zoom is recommended, for optimal rendering). To view the current version of ALE Connect, click **About**. This information is particularly useful in the context of a maintenance procedure, version update, operation or if you contact the customer support.

In the right corner of the banner, the **Logout** menu (4) allows you to log out from the administration interface.

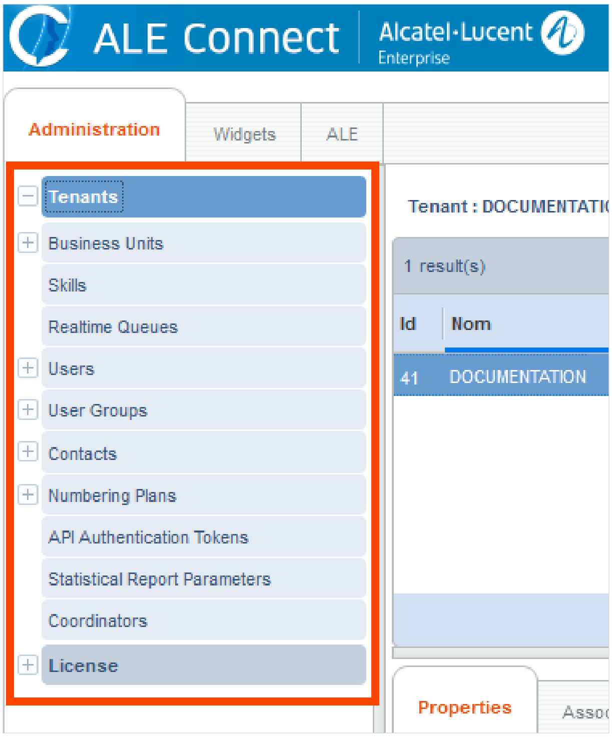
1.4.2 Main menus

Functionalities are divided into 3 main menus:

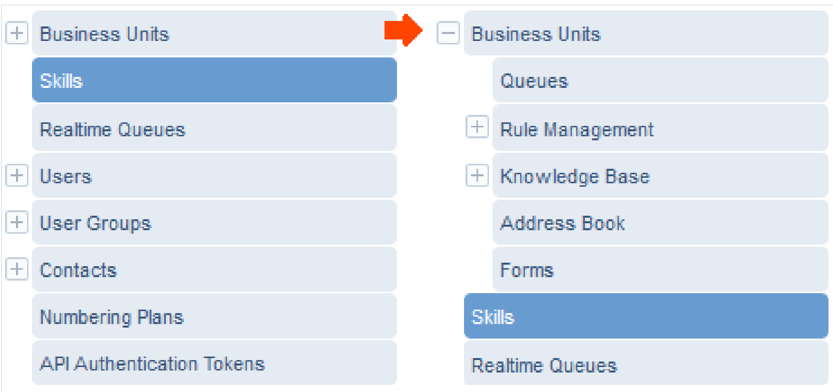
- Administration
- Widgets
- ALE

Each of them is accessible via a tab. By default, the **Administration** tab is displayed at your login.

The choice of a functionality is performed via the pane on the left of the screen. This pane cannot be hidden, moved or docked elsewhere on the screen. However, you can increase or decrease its width to adjust the size of the workspace: click the grey vertical bar, which separates the menus from the workspace, and move it to the right or left as needed.



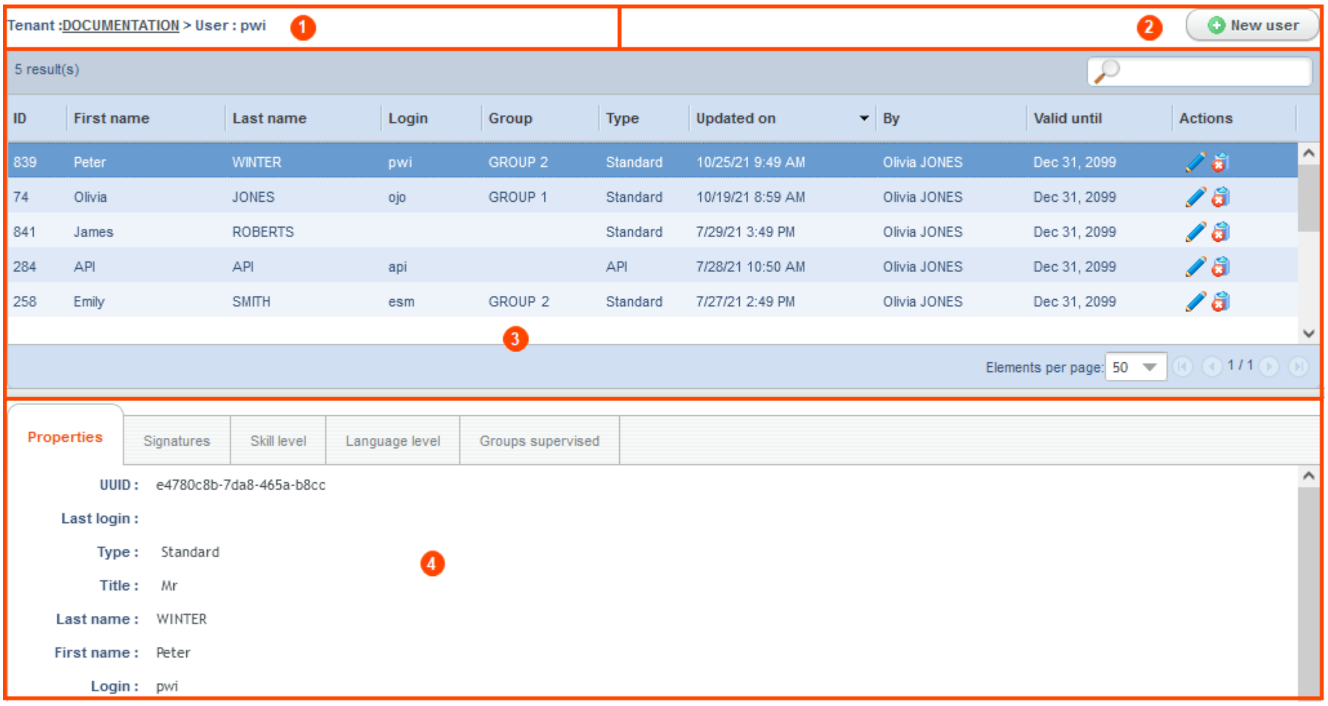
Each main menu presents a set of functionalities, sometimes grouped in a sub-menu (example: Business Units, Knowledge Base, etc.). You then need to click the **Expand [+]** button to view them. On the contrary, you can collapse a sub-menu by clicking the Collapse [-] icon. The selected functionality is coloured in dark blue.



The available functionalities depend on your business profile (coordinator or supervisor).

1.4.3 Workspace

Occupying most of the screen, this area allows you to set up the functionalities and administer the ALE Connect platform on a daily basis. The workspace is single-tasked: you can only open one functionality at a time. This ergonomic principle guarantees entry without fear of overwriting another parameter.



Each area of the workspace is dedicated to a specific task.

The **breadcrumb trail** (1) shows the path through the main menu to the current functionality. It is used as a reference point in the interface, to know your position. As it is dynamic, you can click the underlined element to display the corresponding functionality. The **single button** on the right of the screen (2) allows you to create an element and to add it to the existing list.

The **central table** (3) provides an overview of the functionality, by showing the list of all its elements. If the list contains several pages, it is possible to perform a search or to use the navigation bar. The table can be sorted according to the column of your choice: simply click the column header to sort in ascending (▲) or descending order (▼). The possible actions for each element are represented by icons displayed in the last column.

The selected element is highlighted in dark blue. Its **detailed characteristics** (4) are displayed under the list. They are grouped by theme (= tab). Each tab is independent: when you make changes in a particular tab, do not forget to save them before clicking elsewhere in the interface.

1.5 Basic actions

Most of the functionalities of the administration interface present a list of elements (tenants, business units, users, etc.). When you use any of these lists, you can always perform at least the following actions:

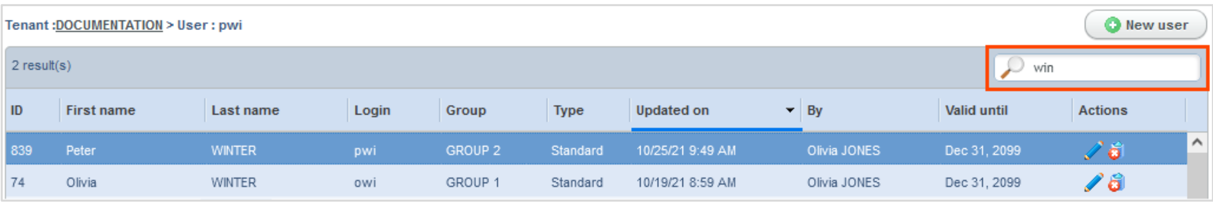
- Search
- Create
- View
- Modify
- Delete

1.5.1 Searching an element

You can search an element in a list by name, especially when the list is particularly long (for example, ALE Connect users).

The search works in "**contains**" **mode**, that is to say it extracts all the elements whose name contains the character string entered. In addition, it is not case sensitive: e.g. if you type "na", ALE Connect will search all the elements that contain this sequence such as "NAME", "Name", or "name".

1. Open the desired functionality from the menu tree structure on the left of the screen.
2. Click in the search area above the list of elements.
3. Type the character string (1 minimum) common to all elements to be searched.



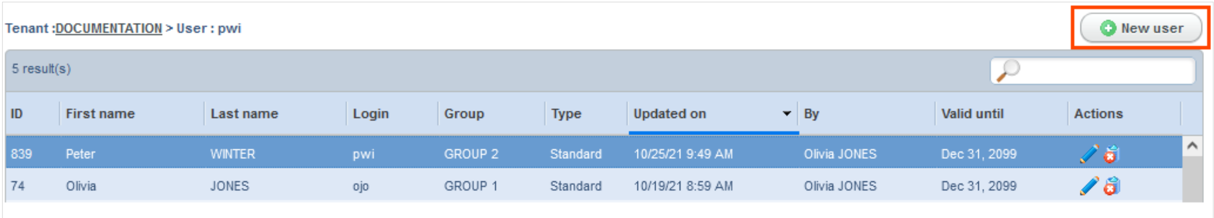
The matching results are immediately displayed in the list, without having to validate your entry.

To cancel the search, simply clear the character string entered: all the elements of the list are redisplayed.

1.5.2 Creating an element

This action adds a new element to the current functionality. Usually, it is represented by a button located above and to the right of the list of elements.

1. Open the desired functionality from the menu tree structure on the left of the screen.
2. Click the **Add** button ( ).



A new tab is displayed in editing mode under the list of elements, in the lower part of the screen.

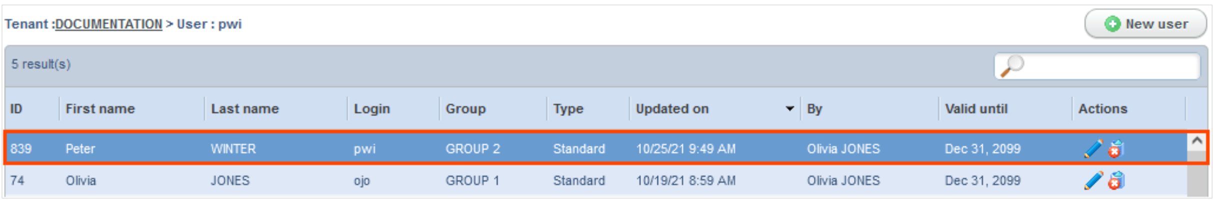
3. Fill in the characteristics of the element.
4. Click **Save** to save your entry.

   ALE Connect adds this new element to the list, displayed in the upper part of the page.

1.5.3 Viewing an element

Viewing is a basic action of the administration interface. The characteristics of the viewed element are displayed in read-only mode: this means that it is not possible to modify them.

1. Open the desired functionality from the menu tree structure on the left of the screen.
2. From the list, click the line of the element to be viewed:



Its detailed characteristics are automatically displayed in the lower part of the screen, as one or more tabs (example: Properties, Associated elements, etc.).

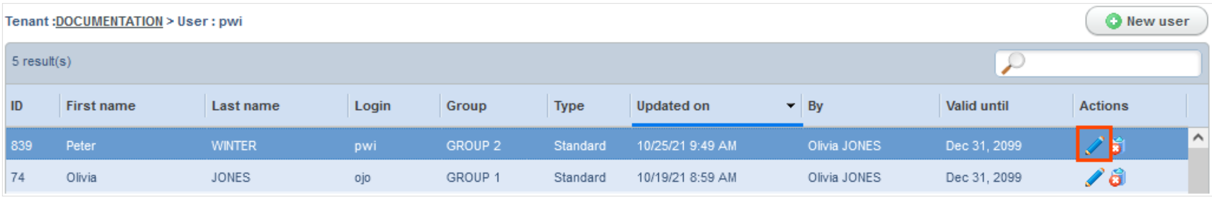
1.5.4 Modifying an element

This action allows you to modify one or more characteristics of an existing element. It is represented by an icon displayed in the **Actions** column of the list (in last position).

Warning, according to the functionalities, all the fields of an element are not necessarily changeable. Likewise, modifying an element may be subject to condition.

1. Open the desired functionality from the menu tree structure on the left of the screen.

2. Click the **Modify** button ( ) located on the line of the affected element.



Its detailed characteristics are automatically displayed in the lower part of the screen, as one or more opened tabs (example: Properties, Associated elements, etc.).

3. Modify the desired characteristics.

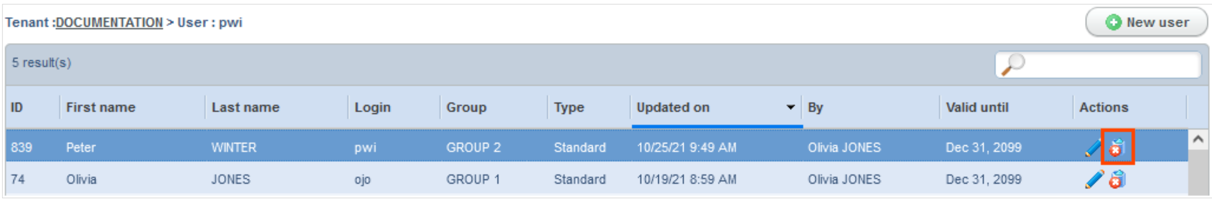
4. Click **Save** to validate your entry.

1.5.5 Deleting an element

This action consists in deleting an element permanently from the database. It is represented by an icon displayed in the **Actions** column of the list (in last position). It is useful in case of entry errors, or when the affected element has become obsolete. Before deleting an element, carefully evaluate the consequences of this action, as it could have a significant impact on the contact centre activity.

Some elements of ALE Connect cannot be deleted: in that case, the corresponding icon is not displayed. In other cases, some conditions must be respected beforehand. For example, this is the case for the deletion of tenants or business units: all their associated sub-elements must be deleted beforehand.

1. Open the desired functionality from the menu tree structure on the left of the screen.
2. Click the **Delete** button ( ) located on the line of the affected element:



   ALE Connect asks you to confirm the deletion.
3. Click **Yes** to permanently delete the element, or **No** to abandon this action.

   ALE Connect updates the list: the element is no longer displayed.

1.6 Entry rules

Screens of the interface frequently include fields to fill in or free comment areas, for which a value can/must be entered by the user. These must comply with certain principles, regarding the General Data Protection Regulations (GDPR), both in terms of content and form, when it comes to the private lives of individuals.

Therefore, the information provided must not damage the image of the person or prevent him from benefiting from a service to which he/she can claim.

1.6.1 Best practices

You must be vigilant about the content you enter.

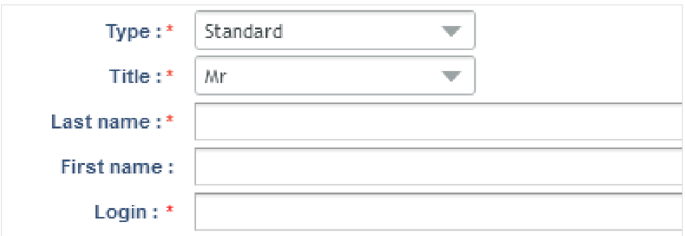
- Save only the data strictly necessary for the processing that you must perform.
- Inform the person about the personal data you must keep about them and the purpose of this action.
- Remember that the data subject has a right of access to this information.
- Be objective, never excessive or insulting.
- Limit yourself to neutral and objective terms when it comes to sensitive data.
- Raise awareness of good practice among users.

CNIL website: Notepad and comment sections: the good reflexes to avoid getting out of hand

1.6.2 Format constraints

- The accepted format depends on the nature of the field: date, URL address, numerical value, etc.
- ALE Connect checks the value entered in most cases and warns you of an incorrect entry (for example, a case problem).
- The entry requirement is indicated by the * character located on the right of the field name.
- Any entry errors are indicated by an exclamation mark ! on the right of the field name.
- An error message is displayed when the screen is validated if a value entered does not respect the expected format.

Example in the user sheet:



2 Organising the contact centre

The **Administration** tab contains all the essential parameters for your activity with ALE Connect and more particularly:

- the structural organisation of the contact centre,
- the creation of the different queues and realtime queues where the interactions will be stored,
- the feeding of the shared knowledge base,
- the management of user accounts,
- the creation of user groups with assignment of access rights,
- the assignment of profiles to users.

Note: this tab, displayed by default, is always accessible whatever the profile of the user logged in to the administration interface.

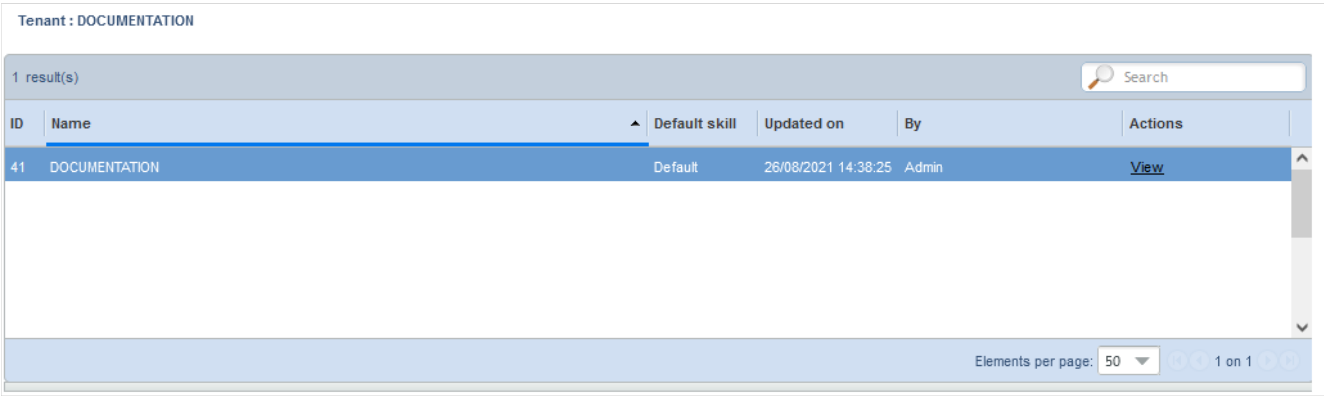
2.1 Tenants

A tenant is a functional or administrative organisation - usually a company - within which ALE Connect is implemented. It includes at least one business unit and one skill.

Warning: the tenant is created and named by the technical operator of the ALE Connect platform. It cannot be changed or deleted.

2.1.1 Overview

This functionality is available from the **Administration** > **Tenants** menu. The upper part of the screen displays the existing tenant.

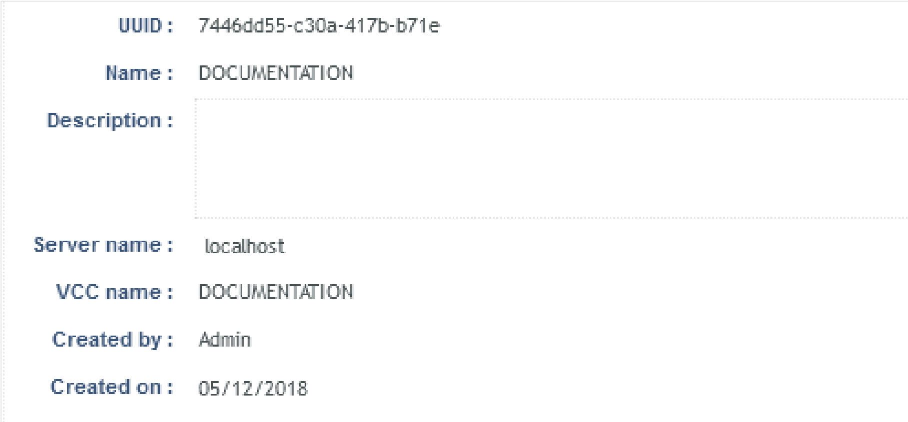


You can view:

- unique ID assigned by the system,
- name,
- name of the default skill,
- date and time of last update,
- user who performed the action,
- possible actions.

2.1.2 Viewing the properties of a tenant

1. From the **Administration** tab, click **Tenants**.
2. The **Properties** tab is displayed:



UUID
ID automatically assigned to the tenant by ALE Connect. It cannot be changed.

Name
Name that clearly identifies the tenant.

Description
Optional text describing the information related to the tenant (objective, function, warning, etc.).

Server name
Location server ID of the tenant (always localhost).

VCC name
Creation name of the tenant. Even if the tenant is renamed, this field will still indicate the creation name.

Created by
Name of the user who created the tenant.

Created on
Creation date of the tenant.

2.1.3 Managing the license of a tenant

It is mandatory to allocate the accesses and tokens related to the ALE Connect license among the users of the tenant, whatever their profile. ALE Connect distinguishes VIP users (coordinators and supervisors) and agents. This operation can be performed either when the administrator creates the tenant, or later.

This allocation can evolve: it can be changed according to the needs of the contact centre and unexpected events.

2.1.3.1 Allocating accesses

You do not have to assign accesses to VIP users: by assigning zero to this pool, the accesses and tokens will be deducted from the pool accessible to everyone.

1. From the **Administration** tab, click **Tenants**.
2. Click the **License** tab.
3. In the first table, enter the number of accesses allocated to VIP users and agents:

UUID	Start	End	VIPs pool	Agents pool	Total
38d68cae-af4d-4e1e-a1df-01fb4a3aec	1/1/14 8:00 AM	1/1/25 6:00 PM	0	101	101 / 101

The license is identified by its unique ID and its validity period. The total number of accesses available is displayed as reminder.

5. Click **Save**.

2.1.3.2 Allocating tokens

ALE Connect allocates the tokens to computers that request them, until the number of available tokens is consumed. When a user logs out, the token is released on the server and becomes available for another computer.

1. From the **Administration** tab, click **Tenants**.
2. Click the **License** tab.
3. For each business unit, enter the number of tokens allocated to V.I.P. users and agents:

UUID	Start	End	Business unit	VIPs pool	Agents pool	Total
38d68cae-af4d-4e1e-a1df-01fb4a3ae	1/1/14 8:00 AM	1/1/25 6:00 PM				250 / 301
38d68cae-af4d-4e1e-a1df-01fb4a3ae			FRANCE	0	150	150
38d68cae-af4d-4e1e-a1df-01fb4a3ae			UNITED KINGDOM	0	100	100

The license is identified by its unique ID and its validity period. To facilitate reading, the list of business units of the tenant is sorted in alphabetical order and the total number of tokens available is displayed as a reminder.

5. Click **Save**.

2.2 Business units

A business unit is a subset of the tenant on which it depends. It usually corresponds to a company subsidiary or a brand within which the contact centre will be set up. The business unit has its own information system: a knowledge base, queues, etc. A tenant may therefore have one or several business units according to the structure of the company.

Warning: a business unit named DEFAULTCLIENTSPACE by default is automatically created by the provisioning. It cannot be deleted because it is necessarily assigned to the voice queues that are also created by the provisioning. However, you can rename it.

2.2.1 Overview

This functionality is available in the menu **Administration** > **Tenants** > **Business Units.** The upper part of the screen displays the list of business units of the selected tenant:

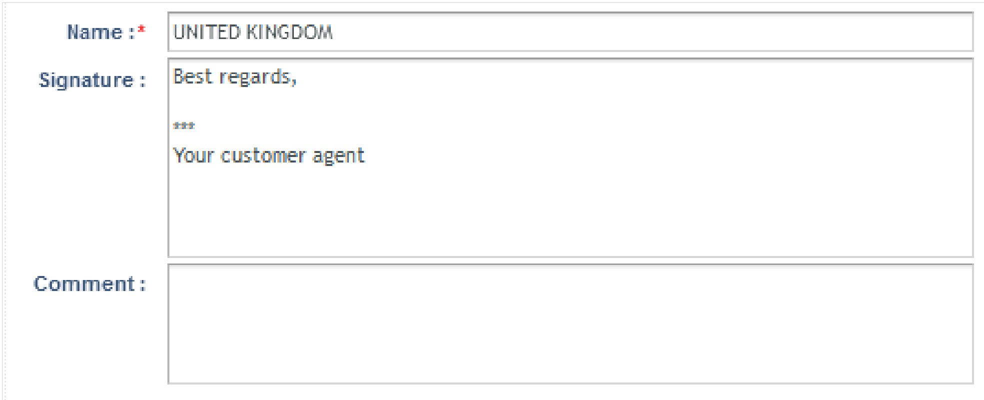
For each of them, you can view:

- unique ID assigned by the system,
- name,
- date and time of last update,
- user who performed the action,
- possible actions represented by an icon.

2.2.2 Creating a business unit

First check that the selected tenant is correct. Note that it is not possible to create a business unit if the active licenses do not allow it.

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Click the **Add a new business unit** button.



3. You must enter a name that clearly identifies the business unit.
4. Enter the signature to be automatically inserted into all emails processed from the queue(s) linked to this business unit.
5. Enter a comment if necessary.

   Note: although the **Default queue for unitary outbound calls** field is displayed, it should not be filled in. This field will display the voice queue attached to this business unit later, which will be used by default for outbound calls.

6. Click **Save**.

   ALE Connect suggests to immediately assign the ALE Connect license tokens to this business unit, so that its users can log in.

7. Click **OK, I do it now** to accept the suggestion.

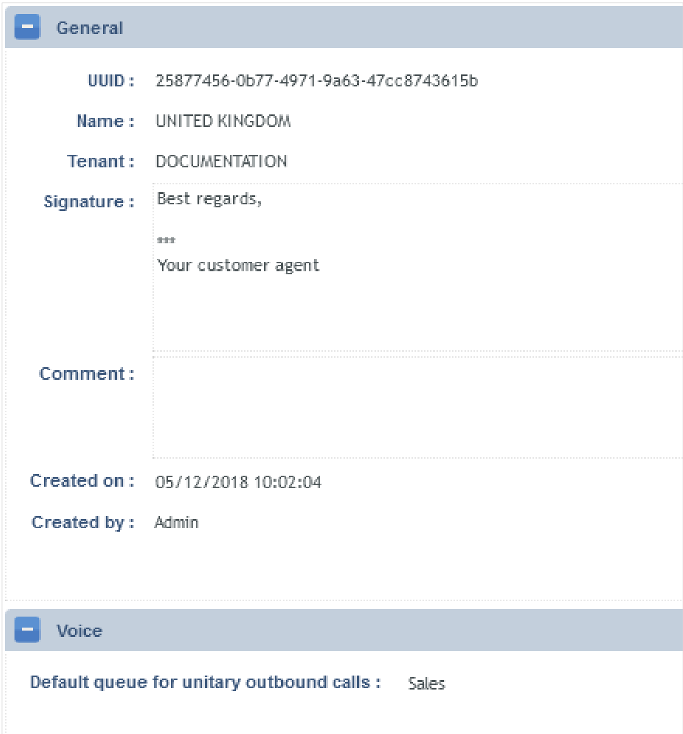
   If you click **Later**, ALE Connect creates the business unit. In that case, the allocation of tokens will have to be performed later from the **License** tab of a tenant.

8. Distribute the ALE Connect license tokens of the business unit by user pool, according to the total number of users available.
9. Click **Save**.

   The allocation is saved and the business unit is now created.

2.2.3 Viewing the properties of a business unit

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Select, from the list, the desired business unit.
3. Click the **Properties** tab.



General

UUID
Unique number automatically generated by the system to identify the business unit. This field is only displayed once the business unit has been created and cannot be changed.

Name
Long description that clearly identifies the business unit.

Tenant
This field is only displayed once the business unit has been created and cannot be changed: it reminds the tenant to which the business unit is attached.

Signature
Signature that will be automatically inserted into all emails processed from the queue(s) linked to this business unit. Three types of signatures are possible in emails sent by agents: the business unit signature, the queue signature (defined in the characteristics of the queue) and the agent signature.

Comment
Additional information related to the business unit.

Created on
Creation date and time of the business unit.

Created by
First name and name of the user who created the business unit.

Voice

Default queue for unitary outbound calls
When an agent performs a spontaneous call to another agent, or a consultation call during a conversation, this call is attached to the queue defined here.

2.2.4 Setting up the associated elements

Once the business unit has been created, you have to set up and customise some elements that are necessary for its daily use, such as parameters related to the processing of written interactions, equity rules for the distribution of interactions within the business unit, and alarm thresholds according to the priority level.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select, from the list, the business unit to set up.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () of the desired topic:

   Alarm thresholds

   Qualification criteria

   Dissuasive message

   Waiting message

   Calendar

   HTML templates

   Introduction and conclusion messages

   Equity rules (Voice media excluded)

2.2.5 Modifying a business unit

It is possible to change the properties of a business unit after its creation, as the signature (example: change of address).

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Click the **Modify** button () located on the line of the affected business unit.
3. Change the desired properties.
4. Click **Save**.

2.2.6 Deleting a business unit

This action is only possible if all its attached elements have been previously deleted: folders, users, and user groups. As a reminder, the default DEFAUTLCLIENTSPACE business unit cannot be deleted.

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Click the **Delete** button () located on the line of the affected business unit.

   ALE Connect asks you to confirm the deletion.
3. Click **Yes** to permanently delete the business unit, or **No** to abandon this action.

   ALE Connect updates the list: the business unit is no longer displayed.

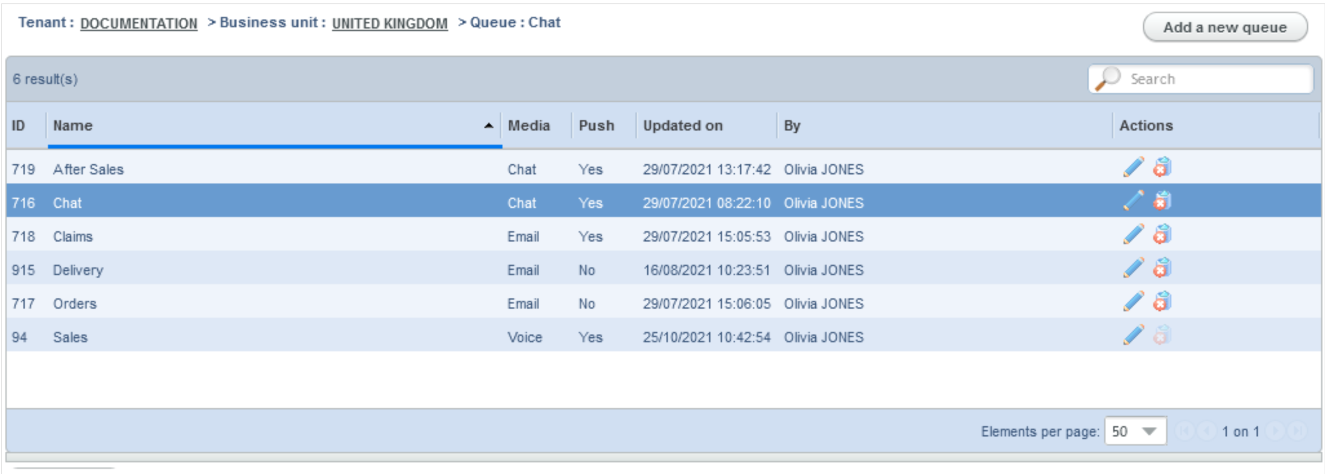
2.3 Queues

A queue is a set of folders from the same media. A queue depends on a business unit that is itself attached to a tenant. This functionality allows you to manage the queues of each business unit. The number of queues to create depends on various criteria: media, flows, contact centre organisation, etc. This preparatory study is performed when implementing ALE Connect.

Warning: queues of voice media are automatically created by the provisioning and cannot be deleted. They correspond to the pilots declared in OXE.

2.3.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Business Units** > **Queues** menu. The upper part of the screen displays the list of all queues of the selected business unit:



For each of them, you can view:

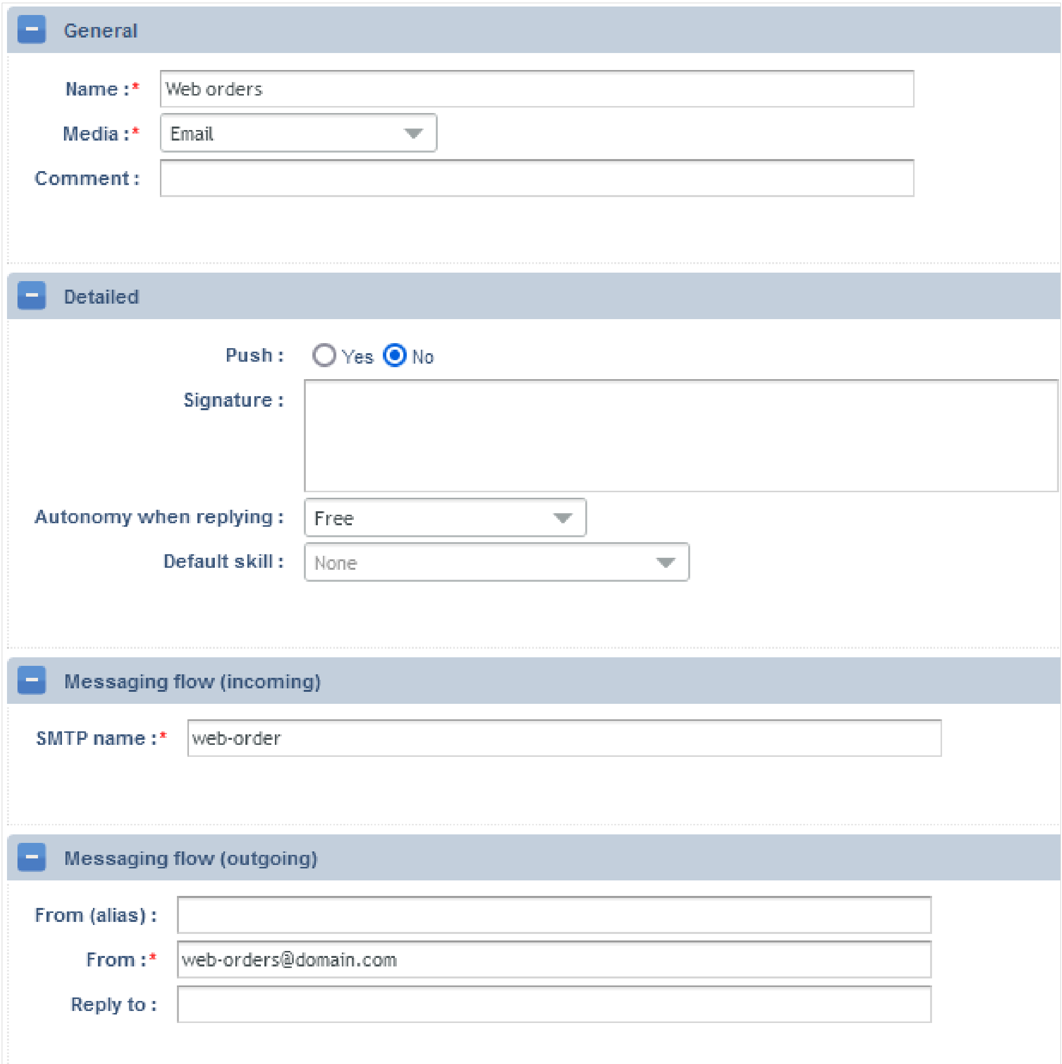
- unique ID assigned by the system,
- name,
- media associated,
- information indicating whether the access to the folders of this queue is in push mode,
- date and time of last update,
- user who performed the action,
- possible actions represented by icons.

2.3.2 Creating an email queue

Queues from this media allow to process the written interactions that arrive in ALE Connect as an email.

Warning: in addition to the setup, the AKIO administrator must configure the customer's mail server for the email queues that receives external flows.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Click the **Add a new queue** button.



3. Fill in the properties of the queue:

General

Name (mandatory)
Enter a name that clearly identifies the queue. The following characters are not authorised:

```
& = ^ $ * , ; : ! § / . ? % £ ° ² < > + } \ ` # ~ {
```

Media (mandatory)
Select the Email media (cannot be changed).

Comment
Enter additional information related to the use of the queue.

Detailed

Push
Choose the access mode to the folders of this queue.
Push: the folder is pushed to the agent by the system (ACD).
Pull: the agent must select the folder to be processed from the list.
This parameter can be modified: when you switch a queue from Push mode to Pull mode, or vice versa, the change is taken into account immediately on the agent interface, in a transparent way. Agents do not need to log out from their application and can continue to work.

Signature
Enter the text of the signature that will be displayed at the bottom of the emails processed by agents.

Autonomy when replying
Writing messages from this queue is handled by one of the following options:
Free: the agent can directly send his/her reply without validation.
Random validation: the messages sent by the agent are randomly submitted to the supervisor for validation. The random validation affects about 20% of the folders. Then enter the number of days for which the queue is in random validation.
Systematic validation: all the messages sent by the agent are submitted to the supervisor for validation.

Default skill
Select, from the scrolling list, the skill associated by default with the queue. It will be automatically assigned to the folders redirected to this queue. Warning: this skill is only used in the case of a folder redirection. When the folder is created, the default skill of the tenant is assigned.

Declaring a default skill at the queue level has two consequences:
- It forces the skill of the folder, when it is redirected by an agent to another queue.
- It groups together all the folders with this default skill in the Folder/Queue component from the list of folders on the agent interface.

Messaging flow (incoming)

SMTP name (mandatory)
Enter the name of the queue corresponding to its physical location on the server (not its email address).

Messaging flow (outgoing)

From (alias)
Enter the description that will be displayed in the Sender field of a message sent by the agent, instead of the return address (from) or Reply to address.

From (mandatory)
You must enter the email address that will be viewed by the contacts when an email is sent to them by an agent. If the contact wishes to reply to the agent, the address used is this one as long as no address is specified in the “Reply to” field.

Technical note: to avoid outgoing emails from ALE Connect being considered as SPAM by the recipient’s email system, the allocated subdomain must be declared in the SPF field of the DNS by the domain administrator.

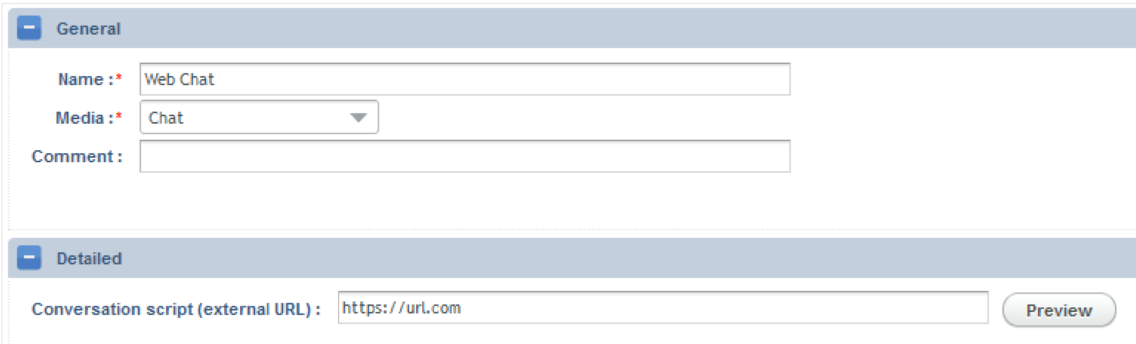
Reply to
Address used in the case of a response from the contact. If no address is defined here, the return address (From) will be used.

4. Click **Save**.

2.3.3 Creating a chat queue

Queues from this media allow to process chats (instant messaging) with web users, via the widget provided by ALE Connect. It is strongly advised to create an introduction message and to associate it with this queue: it will allow the web user to start immediately the conversation.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Click the **Add a new queue** button.



3. Fill in the properties of the queue:

   General

   Name (mandatory)
   Enter a name that clearly identifies the queue. The following characters are not authorised:

   ```
   & = ^ $ * , ; : ! § / . ? % £ ° ² < > + } \ ` # ~ {
   ```

   Media (mandatory)
   Select the Chat media (cannot be modified).

   Comment
   Enter additional information related to the use of the queue.

   Detailed

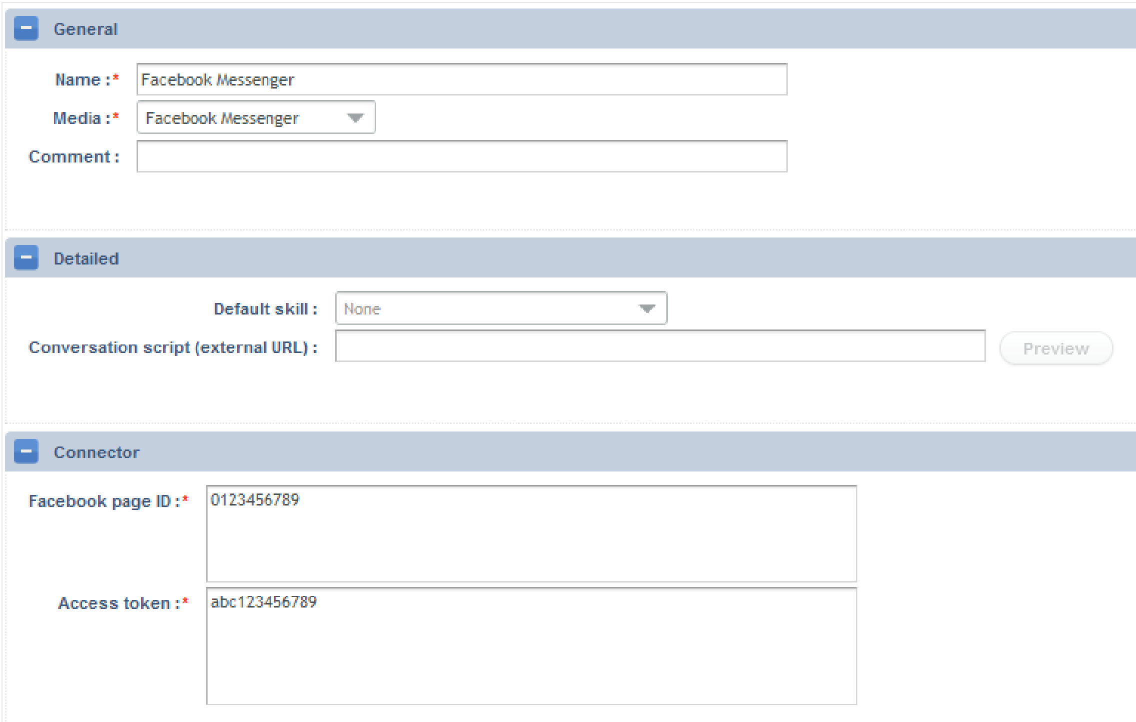
   Conversation script (external URL)
   During a chat, the agents can control the conversation with the web user by relying on a predefined script whose access URL must be copied and pasted here, starting with https://.

4. Click **Save**.

2.3.4 Creating a Facebook Messenger queue

Queues from this media allow to process the interactions with web users, that come from the social media Facebook Messenger.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Click the **Add a new queue** button.



3. Fill in the properties of the queue:

General

Name (mandatory)
Enter a name that clearly identifies the queue. The following characters are not authorised:

& = ^ $ * , ; : ! § / . ? % £ ° ² < > + } \ ` # ~ {

Media (mandatory)
Select the Facebook Messenger media (cannot be modified).

Comment
If necessary, enter additional information related to the use of the queue.

Detailed

Default skill
Select, from the scrolling list, the skill associated by default with the queue. It will be automatically assigned to the folders redirected to this queue. Warning: this skill is only used in the case of a folder redirection. When the folder is created, it is assigned to the default skill of the tenant.

Declaring a default skill at the queue level has two consequences:
- It forces the skill of the folder, when it is redirected by an agent to another queue.
- It groups together all the folders with this default skill in the Folder/Queue component from the list of folders on the agent interface.

Conversation script (external URL)
The agents can lead a Facebook Messenger conversation with the web user by relying on a predefined script whose access URL must be copied and pasted here, starting with https://.

Connector

Facebook page ID (mandatory)
Enter the official Facebook page ID, from which the Facebook Messenger interactions will be posted, and then stored in this queue. This alphanumeric code is provided by the Facebook application. In addition, it is unique for all tenants: two queues cannot use the same ID on the server.

Warning: if you reassign the ID of a queue A to another queue B, messages from web users will continue to be sent to the folders in queue A until they have been closed by an agent.

Access token (mandatory)
Fill in the access token for the Facebook page, in alphanumeric format.

4. Click **Save**.

2.3.5 Creating a Twitter queue

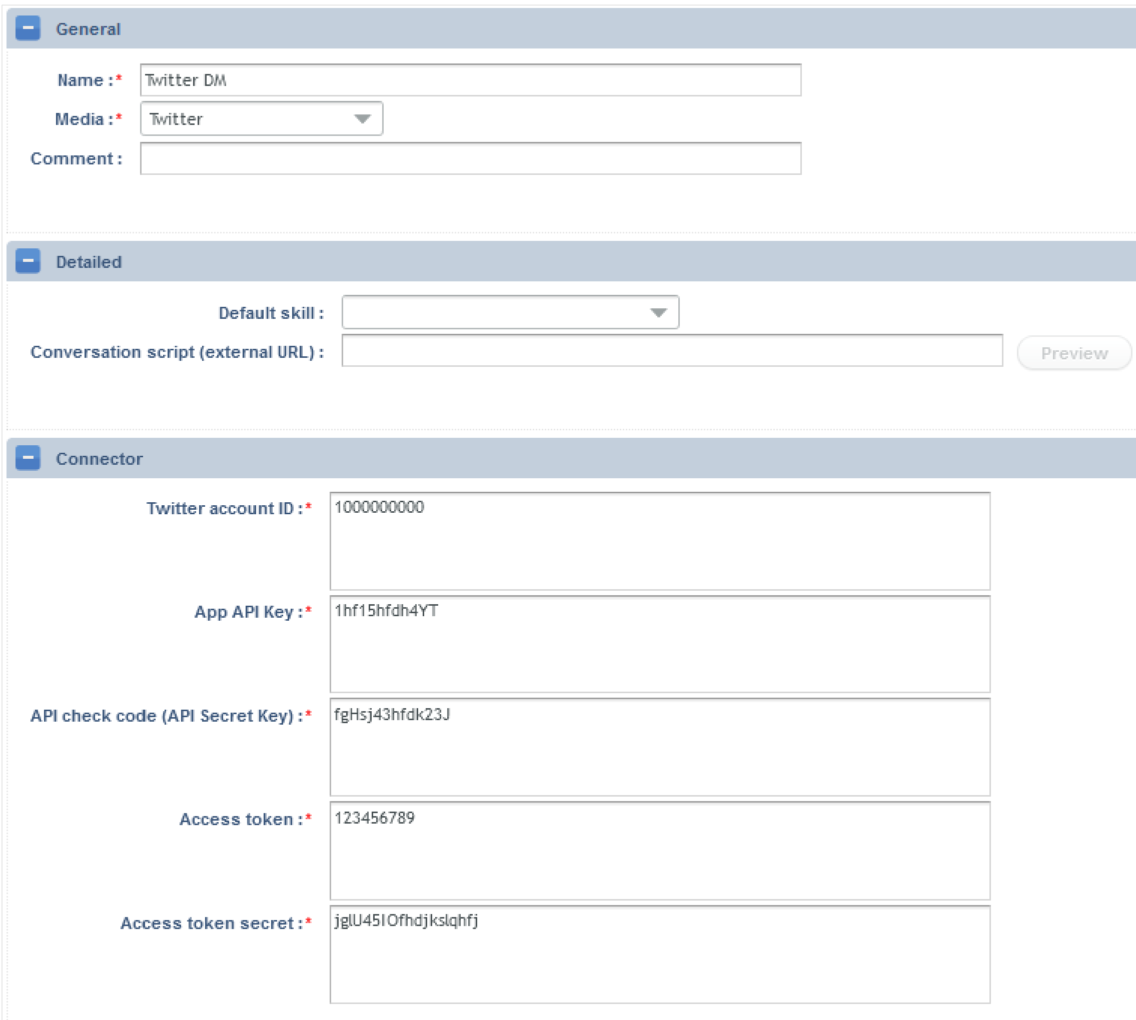
Twitter is a social network that allows its users to send free short messages called tweets (280 characters maximum) by SMS or instant messaging. The instant messaging offers the possibility to send direct messages in private to third parties, whether they be persons or companies. For this purpose, ALE Connect allows agents to process direct messages from web users who contact the centre via Twitter.

Creating a queue for this media results in creating the webhook and subscribing to the Twitter account declared.

2.3.5.1 Procedure

Warning: during the configuration, you will need the access keys and tokens that have been generated from the Twitter application management dashboard. Please have these ID ready before you start typing.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Click the **Add a new queue** button.



3. Fill in the properties of the queue:

   General

   Name (mandatory)
   Enter a name that clearly identifies the queue. The following characters are not authorised:

```
& = ^ $ * , ; : ! § / . ? % £ ° ² < > + } \ ` # ~ {
```

   Media (mandatory)
   Select the Twitter media (cannot be modified).

   Comment
   If necessary, enter additional information related to the use of the queue.

   Detailed

   Default skill
   Select, from the scrolling list, the skill associated by default with the queue. It will be automatically assigned to the folders redirected to this queue. Warning: this skill is only used in the case of a folder redirection. When the folder is created, it is assigned to the default skill of the tenant.
   Declaring a default skill at the queue level has two consequences:
   - It forces the skill of the folder, when it is redirected by an agent to another queue.
   - It groups together all the folders with this default skill in the Folder/Queue component from the list of folders on the agent interface.

   Conversation script (external URL)
   Agents can reply to direct messages from a web user by relying on a predefined script whose access URL must be copied and pasted here, starting with https://.

   Connector

   Twitter account ID (mandatory)
   Enter the ID of the Twitter account from which the interactions will be posted, and then stored in this queue. This alphanumeric code is provided by the Twitter application. In addition, it is unique for all tenants: two queues cannot use the same ID on the server.

   App API Key (mandatory)
   Enter the application key provided by Twitter.

   API check code (API Secret Key) (mandatory)
   Enter the API check code provided by Twitter.

   Access token (mandatory)
   Enter the access token to the Twitter page, in alphanumeric format.

   Access Token Secret (mandatory)
   Enter the check code of the access token to the Twitter page, in alphanumeric format.

4. Click **Save**.

2.3.5.2 Reconnecting a queue to Twitter

Technical problems with connecting to Twitter may occur (example: webhook subscription invalid). A warning message is then displayed in the upper part of the screen, in the properties of the affected queue. To solve this error, simply reconnect the queue to Twitter.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Select the Twitter queue in error.
3. In the **Properties** tab displayed by default, click the **Connect** button.

   The webhook is reactivated. ALE Connect informs you that the connection has been successfully established.

2.3.6 Using conversation scripts

During a voice (incoming or outbound call), chat, Messenger or Twitter interaction, agents can access an external interface in order to help them process the interaction (follow a procedure, handle oppositions to arguments, etc.). This interface will be displayed in a tab called Script at the same level as the contact sheet or the history of folders. When such a mechanism is put in place, when the folder is presented to the agent, the focus is on this tab and not on the contact sheet.

In order to display an external interface, it must agree to be integrated into an iFrame. That is the case with Google Forms. You can define one script maximum (= one URL address) per queue.

All responses will be available from the application that owns the data.

2.3.6.1 Creating a script with Google Forms

Google Forms is a free application published by Google that allows you to create customised surveys and forms, with results management. The use of this application requires to create a Gmail user account beforehand. For more information, we invite you to read the editor's documentation.

Generating the script URL

For the integration of a conversation script to work properly with ALE Connect, the following procedure must be followed, **subject to change by Google**.

1. Create the conversation script with Google Forms.
2. When you have finished, click the ⋮ button and then the **Get link** action.
3. Pre-fill the answers if necessary and insert variables if you wish to automatically initialise certain data (i.e. ${threadId} to pre-fill the ALE Connect folder number).
4. Click the **Get link** button. Google Forms automatically generates the link of the conversation script.
5. Click **COPY LINK**.

   All you have to do is paste it into a file and save it.

   This link must contain **/viewform** to be valid. Example:

   ```
   https://docs.google.com/forms/d/e/1GIpQLSfRt_VrNWHtgXAoHgtwQ-
   YNU5ZfcIfAHe7J51hVsBojME9m8A/viewform?usp=sf_link
   ```

Inserting variables in a script

So that supervisors get substantiated statistics, it is possible to automatically initialise certain information in the conversation script. To this end, you should plan to insert **variables provided by ALE Connect** when pre-filling the form responses (regardless of the external application used to create it).

The available variables are:

- **authentication**: authentication token
- **threadId**: folder ID
- **interactionId**: interaction ID
- **operatorId**: agent ID
- **login**: agent login
- **mediaName**: media name
- **queueId**: queue ID
- **queueName**: queue name
- **tenantUuid**: tenant ID
- **tenantName**: tenant name

To insert a variable in a script, you must respect the syntax **${variable}**.

Examples:

```
${threadId}
${queueName}
```

Once finalised, the URL address of the script will be generated by the external application by integrating these fields.

Example:

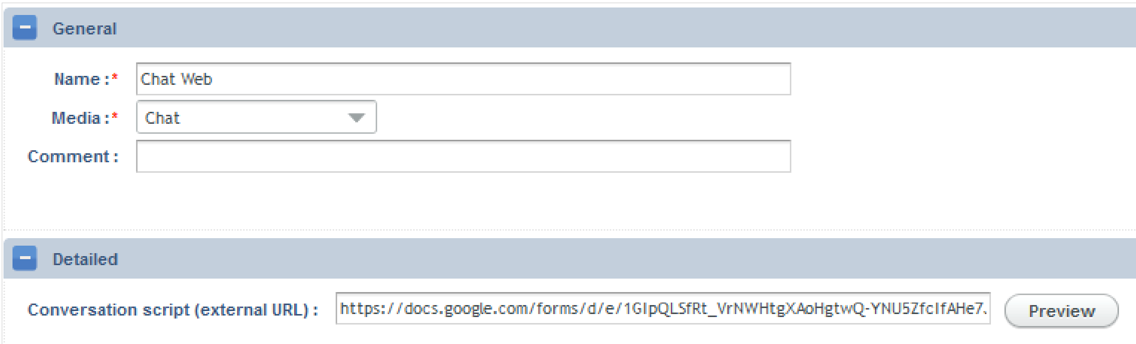
```
https://docs.google.com/forms/d/e/1FAIpQLSfscQa_qyHqw9cZv9gItA/viewform?entry.1372425656=${threadId}
```

However, if the script does not anticipate their automatic initialisation, the agent will be responsible for entering them manually when handling the interaction.

2.3.6.2 Associating a script with a queue

You can associate the conversation script when creating the queue or later when modifying.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Click the **Modify** button ()located on the line of the affected queue.
3. Fill in the **conversation script (external URL)**.



Paste the link that was generated by the external application here, starting with https://. You can preview the conversation script by clicking the Preview button.

4. Click **Save**.

2.3.7 Setting up the associated elements

Once the queue has been created, you must complete its setup. By default, it inherits the values set up for the business unit on which it depends.

Warning: the available parameters depend on the media (chat, email, etc.) of the queue.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Select, from the list, the queue to configure.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () of the desired topic:

   Alarm thresholds

   Qualification criteria

   Users

   Equity rules (Voice media excluded)

   Dissuasive messages

   Waiting messages

   Acknowledgement of receipt

   Introduction and conclusion messages

2.3.8 Modifying a queue

2.3.8.1 Email / Chat / Facebook Messenger / Twitter

It is possible to modify some properties of a queue after its creation.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Click the **Modify** button () located on the line of the affected Queue.
3. Change the desired properties.

   Email queue

   Chat queue

   Facebook Messenger queue

   Twitter queue
4. Click **Save**.

2.3.8.2 Voice

Voice queues are automatically created by the provisioning and are attached to the default business unit of the tenant. They correspond to the pilots declared in OXE. For this reason, some properties cannot be changed in order to ensure data consistency with OXE.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Click the **Modify** button () located on the line of the affected **voice queue**.

3. Change the desired properties:

   General

   Name
   Name of the queue. Cannot be modified.

   Media
   Media of the queue. Cannot be modified.

   Comment
   If necessary, enter additional information related to the use of the queue.

Detailed

Qualification required when redirecting folders
Obsolete parameter (do not use).

Conversation script (external URL)
During a call, the agents can lead the conversation by relying on a predefined script whose access URL must be copied and pasted here, starting with https://.

4. Click **Save**.

2.3.9 Deleting a queue

This action is possible if:

- all the elements attached to it have been previously deleted (folders, users and user groups).
- the concerned queue is not associated with a real time queue.
- the affected queue is not a voice queue.

Note: if you delete a queue in which there are waiting emails, ALE Connect will use the queue of the folder instead of the original message queue so that these emails can be sent.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Click the **Delete** button ( ) located on the line of the affected queue.

   ALE Connect asks you to confirm the deletion.
3. Click **Yes** to delete the queue permanently.

   ALE Connect updates the list: the queue is no longer displayed.

2.4 Associated elements

For each defined business unit, you can customise a number of elements such as, for example, the criteria for qualifying interactions, or the introduction and conclusion messages. The setup for these elements is accessible in the **Associated elements** tab of the selected business unit.

Then, you have the possibility to associate the desired associated elements with each queue (previously made available at the business unit level).

2.4.1 Alarm thresholds

An alarm threshold shows to agents the urgency of a folder to be processed. There are 5 thresholds; with level 5 being the lowest priority and level 1 the most urgent. Each threshold has its own colour: in the agent interface, it is displayed in the **Deadline** column from the list of folders. Alarm threshold colour charts are always created at the business unit level. They are then assigned either to a business unit or to a queue.

Note: ALE Connect provides a default chart of 5 colours, which cannot be changed.

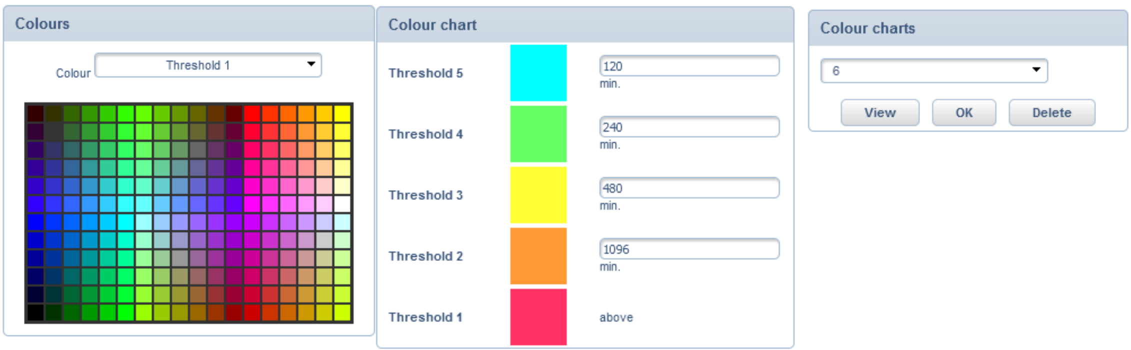
2.4.1.1 Creating a colour chart

If the default colour chart does not suit you, you can create another one, with the colours of your choice. It is then possible to customise the colour and duration of each alarm threshold.

A colour chart is always created at the business unit level: check beforehand that the selected business unit is correct.

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Select the business unit for which you wish to create an alarm threshold chart.
3. Click the **Associated elements** tab.
4. Click the **Create a new colour chart** button ( ) from the **Alarm thresholds** section.

   The following screen is displayed:



5. In the **Colours** area on the left of the screen, select a threshold from the scrolling list.
6. From the grid, click the square of the colour to be assigned to the threshold.
7. Repeat these two steps for the 5 alarm thresholds.

8. In the **Colour chart** area, enter the number of minutes from which the folder deadline colour will change.

   For example, if you enter 120 minutes for the threshold 5, this means that any folder to be processed for which the deadline is lower than 120 minutes, since its arrival in ALE Connect, will take the colour configured.

9. In the **Colour charts** area, select **New colour chart** in the scrolling list.

10. Click **OK** to create the colour chart.

    ALE Connect automatically assigns a number to this new colour chart. It is now available from the scrolling list.

2.4.1.2 Assigning a colour chart to a business unit

Once created, the colour chart must be assigned to either a business unit or a queue. The default colour chart will be used if this step is not performed.

The colour chart is assigned to all queues of the affected business unit.

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) of the **Alarm thresholds** section.

   ALE Connect displays the colour chart that is currently assigned to the business unit by default.

5. Select, from the list, the colour chart to be assigned to the business unit.
6. Click the **View** button to check that this is the colour chart you want to assign.
7. Click the **OK** button.

   The chosen colour chart is now the default one.

2.4.1.3 Assigning a colour chart to a queue

This assignment allows you to manage different alarm thresholds according to the queues within the same business unit.

Warning: if a colour chart is assigned to a business unit and another one to a queue of this business unit, the colour chart of the queue will be applied.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Select the affected queue.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) of the **Alarm thresholds** section.

   ALE Connect displays the colour chart that is currently assigned to the business unit by default.

5. Select, from the list, the colour chart to be assigned to the queue.
6. Click the **View** button to check that this is the colour chart you want to assign.
7. Click the **OK** button. The chosen colour chart is now assigned to the queue.

2.4.1.4 Modifying a colour chart

The default colour chart provided by ALE Connect, with the 0 code, cannot be changed. In addition, it is recommended not to change the thresholds of a colour chart being used.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Create a new colour chart** button (+) from the **Alarm thresholds** section.
5. In the **Colour charts** area on the right of the screen, select the **number** of the colour chart to modify.
6. Change the desired characteristics (colours and/or number of minutes).
7. Click **OK** to save your entry.

   The changes are immediately saved.

2.4.1.5 Deleting a colour chart

The default colour chart of the system, with the 0 code, cannot be deleted. Warning, the deletion is performed immediately without any confirmation message.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Create a new colour chart** button (+) from the **Alarm thresholds** section.
5. In the **Colour charts** area on the right of the screen, select the **number** of the chart you want to delete.
6. Click the **Delete** button.

   ALE Connect immediately deletes the colour chart and updates the existing list.

2.4.2 Qualification criteria

They allow contact centre agents to qualify the folders during their processing. Thanks to the information collected during the qualification, it is possible to get later qualitative statistics. These customised criteria are classified according to a hierarchical tree structure, with up to six levels maximum. You can thus adapt the classification of criteria to the needs of your business.

2.4.2.1 Overview

This functionality is available in the menu **Administration** > **Tenants** > **Business Units** > **Associated elements** > **Qualification criteria**. It allows you to create and manage the qualification criteria of a business unit.

The left part of the screen displays the tree structure of the criteria created (only the first three levels). The right part shows the level of the selection (breadcrumb trail), as well as the list of criteria or groups of criteria of the selected level.

The root directory is called **Qualification**.

2.4.2.2 Creating a qualification criterion

This action is always performed at the business unit level. Each criterion is unique within a business unit. In other words, two criteria cannot have the same name.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit by clicking the corresponding line.
3. Click the **Associated elements** tab.
4. Click the **Modify** button ( ) of the **Qualification criteria** section.
5. Click the affected directory (root or lower level) in the tree structure displayed on the left of the screen.
6. Click the **Add a new criteria** button.
7. Enter the name of the qualification criterion (255 alphanumeric characters maximum).
8. Click **OK** to save your entry.

   The system adds this new criterion to the tree structure.

2.4.2.3 Modifying a qualification criterion

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Select the affected business unit by clicking the corresponding line.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) of the **Qualification criteria** section.
5. Click the parent directory containing the criterion to modify, from the tree structure displayed on the left of the screen.
6. Click the **Modify** button.
7. Modify the name of the qualification criterion (255 alphanumeric characters maximum).
8. Click **OK** to save your entry.

   The system updates immediately the tree structure.

2.4.2.4 Deleting a qualification criterion

The deletion is always performed criterion by criterion. It is not possible to delete a whole set. To delete a directory, all the criteria attached to it must first be deleted.

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Select the affected business unit by clicking the corresponding line.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) of the **Qualification criteria** section.
5. Click the parent directory containing the criterion to delete, from the tree structure displayed on the left of the screen.
6. In the list of criteria attached to this directory, click the **Delete** button.

   ALE Connect asks you to confirm the selected criterion.
7. Click **OK** to confirm the deletion (or **Cancel** to abandon this action).

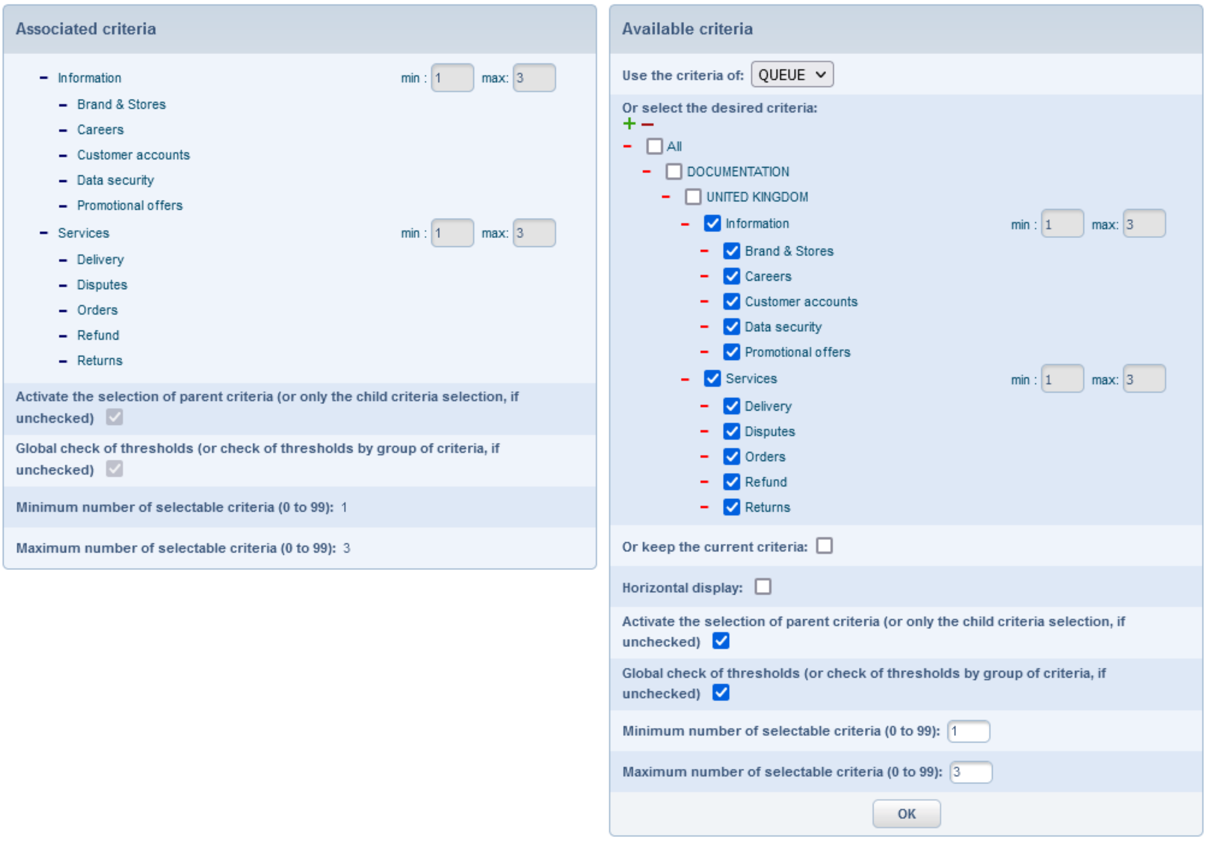
   The system updates immediately the tree structure.

2.4.2.5 Assigning qualification criteria to a queue

Once the qualification criteria have been created at the business unit level, you must assign them to each of its queues.

1. From the **Administration** tab, click **Tenants** > **Queues**.
2. Open the affected queue by clicking the corresponding line.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) of the **Qualification criteria** section.

ALE Connect displays the following screen:



The screen is divided into two vertical parts: on the left, you view the **criteria currently associated** with the queue. The minimum and maximum numbers of criteria to be selected when processing a folder from this queue are also indicated. The right part displays all the **available criteria** of the business unit that can be assigned to the queue.

5. Check/Uncheck the **available criteria** to assign to the current queue.

   To go faster, you can reuse the criteria of **another queue** as a template, by selecting it from the scrolling list at the top right of the screen.

6. According to the need, set up the following options:

   Or keep the current criteria
   If you just want to modify the minimum/maximum number of selectable criteria, and not the criteria themselves, check this option if you do not want to delete the existing assignments.

   Horizontal display
   By default, in the agent interface screens, the qualification criteria are displayed vertically. If you check this option, the criteria will be displayed horizontally, as lines.

> **Warning:** the horizontal display is not supported in the Qualification tab when processing a call, a chat or a Facebook Messenger/Twitter interaction.

Activate the selection of parent criteria (or only the child criteria selection, if unchecked)
This option is useful when the qualification criteria tree structure has several levels. If you check it, the parent criteria will be displayed as a checkbox and can therefore be checked by agents. In the example above, the Information and Services parent criteria can be checked as well as their child criteria. However, if you do not check this option, the parent criteria are displayed without a checkbox.

Global check of thresholds (or check of thresholds by group of criteria, if unchecked)
If this option is checked, ALE Connect will control the minimum and maximum numbers of qualification criteria that can be selected by an agent for all criteria of the tree structure. If the option is unchecked, ALE Connect controls these thresholds by group of criteria. Example: you have defined a maximum number of 3 selectable criteria. If this option is checked, the agents will therefore be able to select a maximum of 3 qualification criteria for any folder in this queue. However, if the option is unchecked, the agents will be able to select 3 criteria per existing group of criteria.

Minimum/Maximum number of selectable criteria (0 to 99)
Enter the minimum and maximum numbers of criteria that agents can select for each folder of the queue. These thresholds will be checked by ALE Connect, according to the previous option.

7. Click **OK** to save your entry.

2.4.3 Users subscribed to a queue

For checking purposes, you can view the list of users who have read and/or write rights on each existing queue. This list is automatically updated according to the rights that have been defined by queue, at the user groups level. It is therefore not possible to perform changes here.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Select the affected queue.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () from the **Users** section.

Agents	Rights on the queue
SMITH Emily (esm)	Read/Reply
JONES Olivia (ojo)	Read/Reply
WINTER Peter (pwi)	Read/Reply

For each user, his/her name, first name, login between brackets and his/her rights on the queue (read and/or write) are displayed.

2.4.4 Dissuasive messages

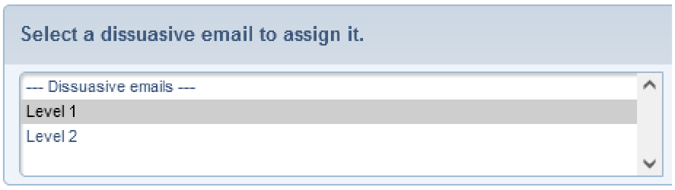
A dissuasive message is an automatic reply sent by email to any contact who performed a written request that needs to be dissuaded (or directed to another procedure). A "written request" is an incoming interaction classified in a written queue. For example, a web user sends an email regarding his/her folder that has been closed for six months: he/she automatically receives a message inviting him/her to contact the company via the "Customer Service" form.

You can set up here the dissuasive message(s) that the contact centre needs. According to the activity context, it is possible to create dissuasive messages as many as necessary, especially when you need to manage different trigger criteria (for example, a dissuasive message for folders that have been closed for more than 7 days, and another for archived folders).

Warning: the sending of dissuasive messages is performed automatically by the ALE Connect routing engine. Only one dissuasive message per day is sent to the same email address, to avoid a "ping-pong" effect between ALE Connect and the recipient mailbox. However, no dissuasive message will be sent to the contact if the contact has already received an email from an agent on the same day.

2.4.4.1 Overview

This functionality is available from the menu **Administration** > **Tenants** > **Business Units** > **Associated elements > Dissuasive message**. The upper part of the screen displays the list of existing dissuasive messages; the lower part indicates which one is currently assigned to the business unit:

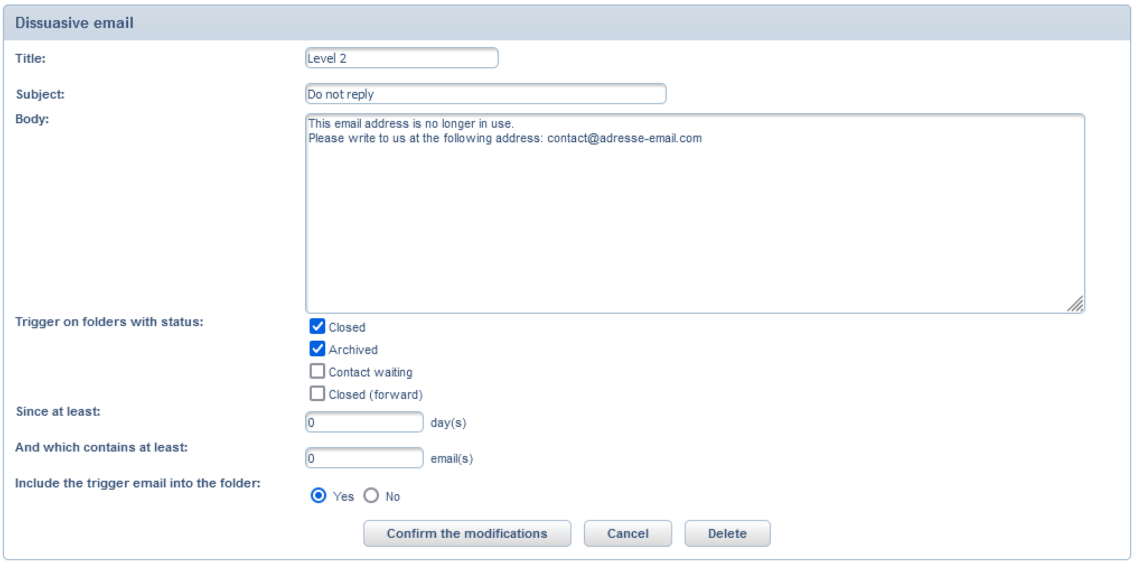


2.4.4.2 Creating a dissuasive message

Dissuasive messages must be created by a coordinator at the business unit level: first check that the one selected is correct.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the business unit for which you wish to create a dissuasive message.
3. Click the **Associated elements** tab.
4. Click the **Create a new message** button ( ) from the **Dissuasive message** section.
5. Click the **Create** button.

   The following screen is displayed:



6. Fill in the characteristics of the message: title, subject, body, etc.
7. Click **Confirm the modifications** to save your entry.

   The new message is added to the existing list. You can modify or delete it later.

2.4.4.3 Assigning a dissuasive message to a business unit

Once created, the dissuasive message must be assigned to either a business unit, or a queue. If this step is not performed, the message will never be sent by the system. If necessary, it is possible to delete an assignment.

The dissuasive message is assigned to all queues belonging to the affected business unit.

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () from the **Dissuasive message** section.
5. Select, from the list, the dissuasive message to be assigned to the business unit. Its detailed content is displayed under the list.
6. Click the **Assign** button.

   The dissuasive message is now assigned to the business unit.

2.4.4.4 Assigning a dissuasive message to a queue

This assignment allows you to manage different dissuasive messages for different queues within the same business unit. If necessary, it is possible to delete it.

Warning: if a message is assigned to a business unit and another one to a queue of this business unit, the message of the queue will be applied.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Select the affected queue.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () from the **Dissuasive message** section.
5. Select, from the list, the dissuasive message that must be assigned to the queue. Its detailed content is displayed under the list.
6. Click the **Assign** button.

   The dissuasive message is now assigned to the queue.

2.4.4.5 Modifying a dissuasive message

This action is useful when, for example, you need to change the text of the message or its trigger parameters.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Create a new message** button ( ) from the **Dissuasive message** section.
5. Select, from the list, the dissuasive message to modify.
6. Modify the desired characteristics.
7. Click **Confirm the modifications** to save your entry.

   The changes are immediately saved.

2.4.4.6 Deleting a dissuasive message

A dissuasive message can be deleted at any time, even if it has already been assigned to one or several queues.

Warning: this action cancels the sending of dissuasive messages already scheduled.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Create a new message** button ( ) from the **Dissuasive message** section.
5. Select, from the list, the dissuasive message to delete.
6. Click the **Delete** button.

   ALE Connect immediately deletes the dissuasive message and updates the existing list.

2.4.5 Waiting messages

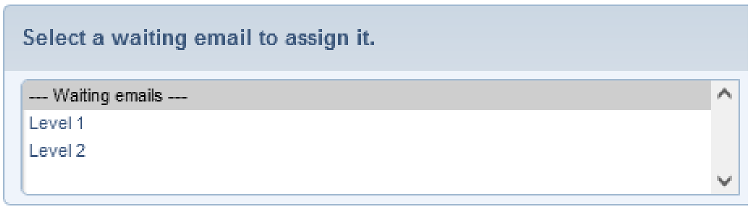
A waiting message is an automatic email sent to a contact to keep him/her waiting while his/her folder is being processed. It is usually set up when the handling time announced in the first acknowledgement of receipt is exceeded, in order to avoid a reminder from the contact.

The sending of a waiting message is triggered by the receipt of an email to be processed resulting in the opening of a folder, or the sending of the folder to an expert for specific processing.

Warning: the sending of waiting messages is performed by a scheduled task (operating process) which must be configured by a coordinator on your ALE Connect environment.

2.4.5.1 Overview

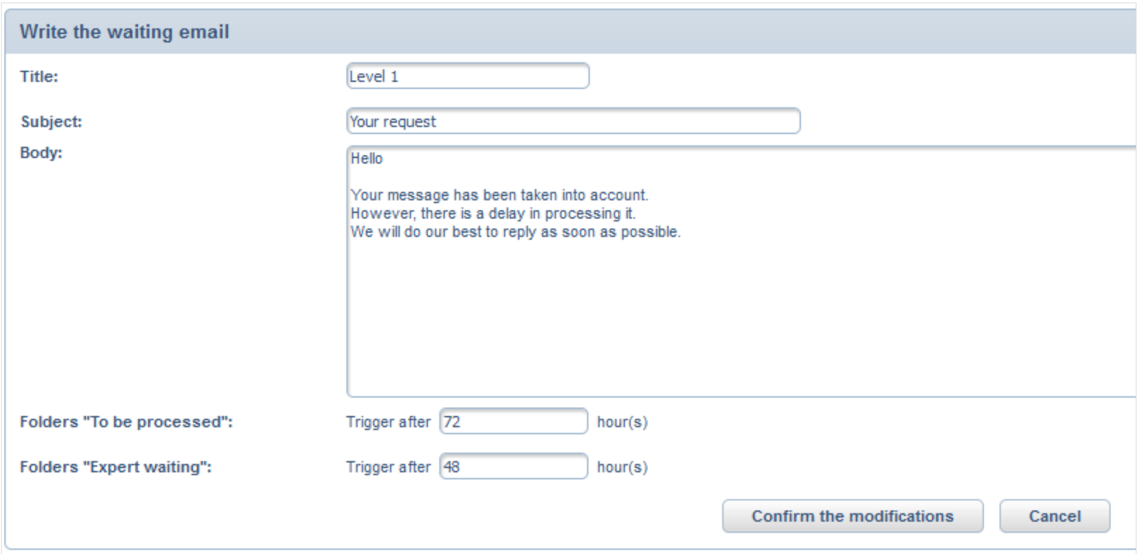
This functionality is available from the menu **Administration** > **Tenants** > **Business Units** > **Associated elements** > **Waiting message**. The upper part of the screen displays the list of existing waiting messages; the lower part indicates which one is currently assigned to the business unit:



2.4.5.2 Creating a waiting message

Waiting messages must be created by a coordinator at the business unit level: first check that the selected business unit is correct. It is possible to create dissuasive messages as many as necessary, especially when you need to manage different trigger criteria (for example, waiting message sent within 4 hours or 24 hours depending on the queues).

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the business unit for which you wish to create a waiting message.
3. Click the **Associated elements** tab.
4. Click the **Create a new message** button ( ) from the **Waiting message** section.
5. Click the **Create** button.



6. Configure the waiting message:

Title / Subject
Enter a title that clearly describes the purpose of the waiting message as well as its main subject.

Body
Enter the text of the waiting message. As acknowledgements of receipt, it is possible to customise it by inserting variables.

Folders "To be processed"
Indicate after how many hours ALE Connect should send the waiting message when an email is arrived in the desktop of folders to be processed. The 0 value is not allowed. If this field is blank, the waiting message is not handled in this case (not sent).

Folders "Expert waiting"
Indicate after how many hours ALE Connect should send the waiting message when an agent has transferred the folder to an expert. The 0 value is not allowed. If this field is blank, the waiting message is not handled in this case (not sent).

Warning: it is not possible to validate the creation of the waiting message if these last 2 fields are blank.

7. Click the **Confirm the modifications** button.

   The new waiting message is added to the existing list. You can modify or delete it later.

2.4.5.3 Assigning a waiting message to a business unit

Once created, the waiting message must be assigned to either a business unit, or a queue. If this step is not performed, the message will never be sent by the system. If necessary, it is possible to delete an assignment.

The waiting message is assigned to all queues belonging to the affected business unit.

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✎) from the **Waiting message** section.
5. Select, from the list, the waiting message to be assigned to the business unit. Its detailed content is displayed under the list.
6. Click the **Assign** button.

   The waiting message is now assigned to the business unit.

2.4.5.4 Assigning a waiting message to a queue

This assignment allows you to manage different waiting messages for different queues within the same business unit. If necessary, it is possible to delete it.

Warning: if a message is assigned to a business unit and another one to a queue of this business unit, the message of the queue will be applied.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Select the affected queue.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✎) of the **Waiting message** section.
5. Select, from the list, the waiting message that must be assigned to the queue. Its detailed content is displayed under the list.
6. Click the **Assign** button.

   The waiting message is now assigned to the queue.

2.4.5.5 Sending rules

- If the folder is processed by an agent before the automatic sending of the waiting message, the waiting message is cancelled.
- If several messages are scheduled at the same time for the same contact, only one will be sent.
- No waiting messages are sent between 10:00 pm and 6:00 am. If a message is scheduled to be sent during this period, it is automatically delayed until 6:00 am.

2.4.5.6 Modifying a waiting message

This action can be useful when, for example, you need to change the text of the message, or its trigger parameters.

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Create a new message** button ( ) from the **Waiting message** section.
5. Select, from the list, the waiting message to modify.
6. Modify the desired characteristics.
7. Click **Confirm the modifications** to save your entry.

   The changes are immediately saved.

2.4.5.7 Deleting a waiting message

A waiting message can be deleted at any time, even if it has already been assigned to one or several queues.

Warning: this action cancels the sending of waiting messages already scheduled.

1. From the **Administration** tab, click **Tenants** > **Business Units**.
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Create a new message** button ( ) from the **Waiting message** section.
5. Select, from the list, the waiting message to delete.
6. Click the **Delete** button.

   ALE Connect immediately deletes the waiting message and updates the existing list.

2.4.6 Activity calendar

The activity calendar defines the days and times when the company is active for email processing. Each created business unit automatically benefits from a default calendar, for which the working hours are from Monday to Friday from 9:00 am to 6:00 pm. **Note that it is not possible to change the default calendar: however, you can customise it.**

2.4.6.1 A very specific use

The activity calendar is exclusively used to calculate the email quality of service. It measures the time elapsed, in working hours, between the receipt of the last incoming message of a folder and the reply: ALE Connect takes the calendar of the business unit associated with the queue of the folder at the time of the reply. The email quality of service can be viewed by supervisors on their ALE Connect interface, from the reports based on the Quality of Service (written) cube which allows to analyse the emails processed on D and D+.

Technically, the email quality of service is calculated for each processing action performed on a folder (for example: reply and close, close the folder, etc.). This calculation is performed only once, during the execution of the ETL job when the data is replicated from the USER database to the BI database of the ALE Connect server. The calculated email quality of service cannot be modified subsequently. If the default calendar is updated, the performed changes will be taken into account for the next emails, but will not affect the past data.

Warning: each business unit can only manage one calendar, the default one.

2.4.6.2 *Modifying the default calendar*

In order to adapt the calendar to your activity, you can customise the working hours for each day of the week. As a reminder, the default time range is from 9:00 am to 6:00 pm from Monday to Friday.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the business unit for which you want to modify the calendar.
3. Click the **Associated elements** tab.
4. Click the **Modify** button ( ) from the **Calendar** section.
5. Click the **name** of the calendar to display its characteristics.

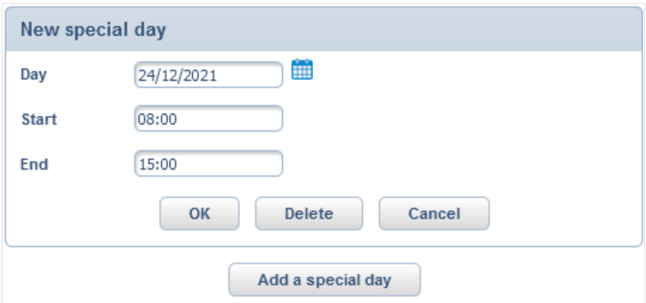
6. Enter the working hours for each day of the week, in HH:MM format.
7. If necessary, add special days: these days have different working hours from the standard days.
8. Click **OK** to save your entry.

2.4.6.3 Scheduling special days

Depending on the activity, certain days may have special working hours. So that ALE Connect takes them into account, you must add them to the calendar.

Adding a special day

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the business unit for which you want to modify the calendar.
3. Click the **Associated elements** tab.
4. Click the **Modify** button ( ) from the **Calendar** section.
5. Click the **name** of the calendar to display its characteristics.
6. Click the **Add a special day** button.



7. Enter the date then the start and end times.
8. Click **OK.**

   ALE Connect adds the special day to the list.

Deleting a special day

The deletion is immediate (no confirmation message).

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the business unit for which you want to modify the calendar.
3. Click the **Associated elements** tab.
4. Click the **Modify** button ( ) from the **Calendar** section.
5. Click the **name** of the calendar to display its characteristics.
6. From the existing list, click the special day to delete.
7. Click the **Delete** button.

   The special day is immediately deleted from the calendar.

2.4.7 HTML templates

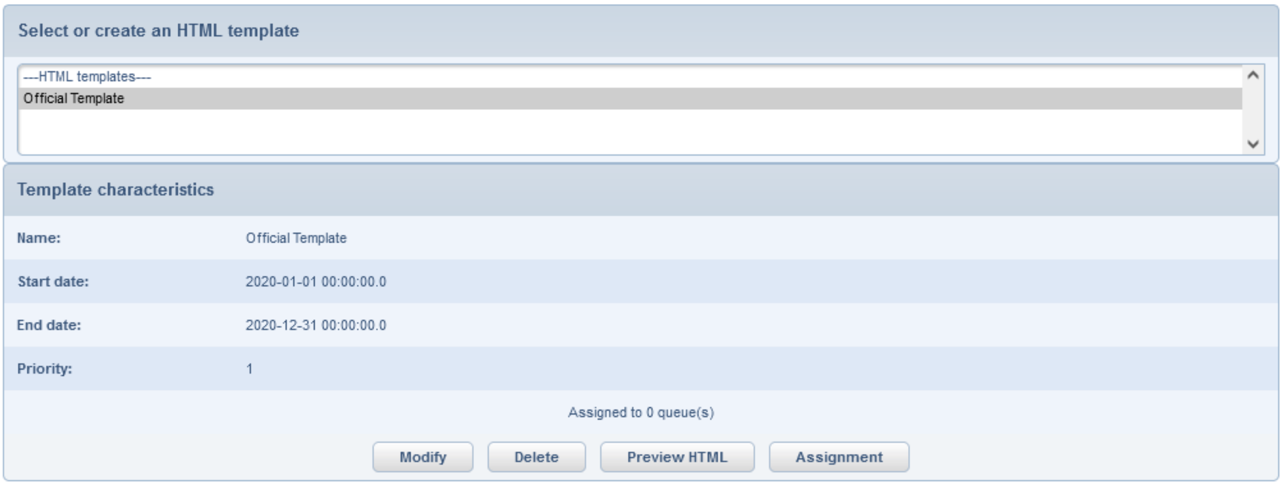
An HTML template defines the styles and presentation of the various elements constituting an email. It is generally customised according to the company's official graphic charter (logo insertion, colours, font, etc.). Once active, it is applied to all the emails sent by the agents and supervisors of the contact centre: spontaneous emails or sent as reply while processing a folder.

The final interpretation of the HTML code of the email received by the recipient depends on the settings and HTML code interpretation capacities of his/her mailbox The final display may therefore be different from one mailbox to another. The HTML template management is performed at the business unit level.

Warning: this functionality is intended for people with knowledge of HTML and CSS (e.g. web designers).

2.4.7.1 Overview

This functionality is available in the menu **Administration** > **Tenants** > **Business Units**. The upper part of the screen displays the list of existing HTML templates; the lower part displays the characteristics of the template selected by default:



2.4.7.2 *Structure to be respected*

The HTML template has a predefined structure that must not be changed or deleted. It declares the classes of the different objects that constitute an email. The HTML page starts at the <**html**> tag and ends at the <**/html**> tag. The styles must be defined in the header of the HTML code between the <**head**> and <**/head**> tags because mailboxes do not allow access to an external .css file.

The template to be created must at least contain the following objects by inserting the corresponding code between the <**body**> and <**/body**> tags:
`answer`: body of the email written by the agent.
`sigOperator`: agent’s signature (if set).
`sigMailBox`: queue signature (if set).
`sigCustomerSpace`: business unit signature (if set).
`urlSurvey`: online survey URL (obsolete object that must be kept to validate the HTML template).
`quotedEmail`: message received from a contact to be included in the reply.

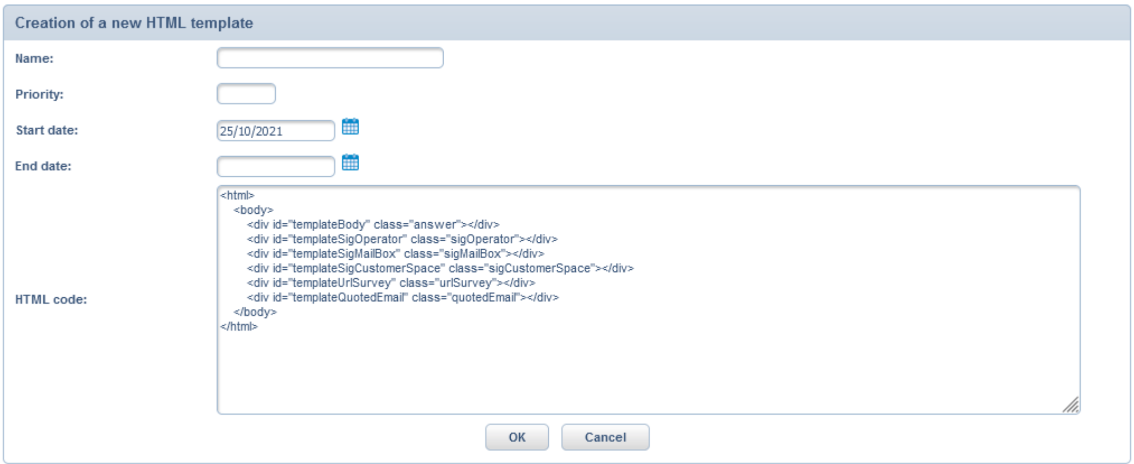
Here is an example:

```
<html>
   <head>
      <style>
         .answer{font-size:10pt;color:#18186b;font-family:Arial}
         .sigOperator{font-size:12pt;color:#993333;font-family:Verdana;font-weight:bold}
         .sigMailBox{font-size:12pt;color:#CC6699;font-family:Verdana;font-weight:bold}
         .sigCustomerSpace{font-size:12pt;color:#FFCC66;font-family:Verdana;font-weight:bold}
         .urlSurvey{font-size:10pt;color:blue;font-family:Verdaa}
         .quotedEmail{ font-size:10pt; color:#000000;font-family:Arial }
      </style>
   </head>
   <body bgcolor="#FFFFCC">
      <img src=”http://www.akio-software.com/images/logo.gif” border=0>
      <div id="templateBody" class="answer"></div>
      <div id="templateSigOperator" class="sigOperator"></div>
      <div id="templateSigMailBox" class="sigMailBox"></div>
      <div id="templateSigCustomerSpace" class="sigCustomerSpace"></div>
      <div id="templateUrlSurvey" class="urlSurvey"></div>
      <div id="templateQuotedEmail" class="quotedEmail"></div>
   </body>
</html>
```

2.4.7.3 Creating an HTML template

HTML templates are created by a coordinator at the business unit level: first, check that the selected business unit is correct. It is possible to create HTML templates as many as necessary, especially when you need to manage different templates for different queues within a same business unit.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the business unit for which you wish to create an HTML template.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () from the **HTML templates** section.
5. Click the **Select or create an HTML template** button.



6. Enter a **name** that clearly identifies the HTML template.
7. Enter a number, from 0 to N, representing the application priority of the current template.

   It defines which template should be used by ALE Connect, when there are several valid templates in the same time range and for the same queue. The 0 priority is the highest. Example: for a N queue, the A template is defined with priority 2 from 1 August 2023 to 30 September 2023. The B template is defined with priority 1 from 14 September 2023 to 20 September 2023 included.

   Results:

   - Between 01/08/2023 and 13/09/2023 included, the template used to send emails is A.
   - Between 14/09/2023 and 20/09/2023 included, the template used to send emails is B, as its priority is higher than the A template defined over the same time range.
   - Between 21/09/2023 and 30/09/2023 included, the template used to send emails is A.
8. Enter the **validity period** of the HTML template, with both dates required.
9. Enter the **HTML code** of the template.
10. Click **OK.**

2.4.7.4 Previewing an HTML template

This functionality is very useful to preview the final layout of the email, before assigning the template.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) from the **HTML templates** section.
5. Select, from the list, the HTML template you wish to preview.
6. Click the **Preview HTML** button.

   ALE Connect displays the template in a new browser window of your computer.

2.4.7.5 Modifying an HTML template

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) from the **HTML templates** section.
5. Select, from the list, the HTML template you wish to modify.
6. Click the **Modify** button.
7. Modify the characteristics of the template.
8. Click **OK.**

2.4.7.6 Assigning an HTML template

Once created, an HTML template must be assigned to one or several queues of the business unit, in order to be applied by the system. If necessary, it is possible to delete an assignment.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) from the **HTML templates** section.
5. Select, from the list, the template to be assigned to the business unit.
6. Click the **Assignment** button: the system displays the characteristics of the template and the list of queues of the selected business unit.
7. Check the queues to which the template must be assigned.
8. Click **OK.**

2.4.7.7 Deleting an HTML template

A template can be deleted at any time, even if it has already been assigned to one or more queues.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () from the **HTML templates** section.
5. Select, from the list, the HTML template to delete.
6. Click the **Delete** button.
7. Click **OK**.

2.4.8 Introduction and conclusion messages

An introduction/conclusion message is a predefined customised text that can be inserted at the beginning or end of a written response. It reduces the handling time of a folder, by avoiding the agent re-enter unnecessarily the same text for each message. These introduction/conclusion messages can be automatically inserted into all emails, or selected manually by the agent when processing a folder.

There are two types of messages:

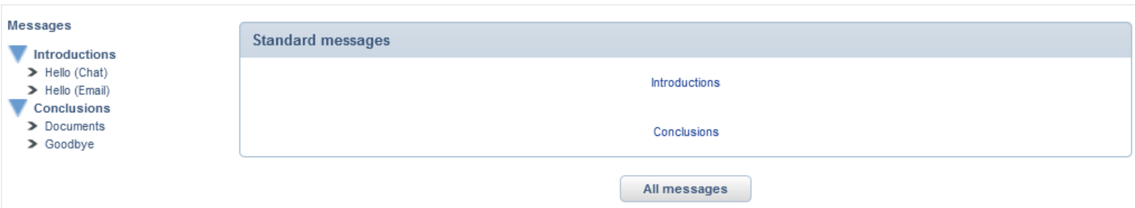
- The **introduction message** is inserted at the beginning of an email, or displayed by default within the widget during a chat conversation.
- The **conclusion message** is displayed at the end of an email. However, it cannot be used in chat conversations.

The agent can modify the content directly in his/her reply email or choose another message from a choice list.

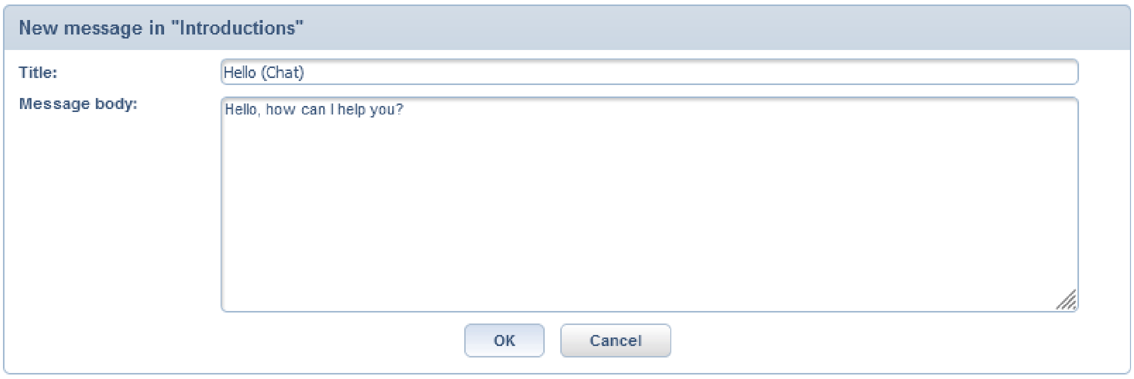
2.4.8.1 Creating an introduction/conclusion message

The creation of these messages is always performed at the business unit level. However, their assignment is performed at the queues level.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the desired business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button ( ) from the **Introduction and conclusion messages** section.



5. Click the type of message to create: **Introductions** or **Conclusions**.
6. Click the **New message** button.



7. Enter a clear title.
8. Enter the text of the message. It is possible to insert variables to customise the text.
9. Click **OK**.

2.4.8.2 Inserting variables into a message

In the message body, it is possible to insert variables from a form (merge fields from response templates) to customise it. When the reply is read, they are automatically initialised with the matching actual values. A merge field corresponds to the name of the form field, preceded and followed by three hash characters (###).

Example:

```
Hello ###CLI.CIVILITE### ###CLI.PRENOM### ###CLI.NOM###,
```

Result:

```
Hello Mrs Mary Smith,
```

See available variables

2.4.8.3 Assigning a message to a queue

Assignment of messages is always performed by queue. For each queue, it is possible to assign an introduction and conclusion message.

Warning: conclusion messages are not managed in the chat, even if the interface allows you to assign a conclusion message to a chat queue.

1. From the **Administration** tab, click **Tenants** > **Queues**.
2. Select the affected queue.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () from the **Introduction and conclusion messages** section.
5. Select the introduction message to assign to the queue: the message body is displayed on screen as a reminder.
6. Select the conclusion message to assign to the queue: the message body is displayed on screen as a reminder.
7. Click **OK**.

2.4.8.4 Modifying a message

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the desired business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () from the **Introduction and conclusion messages** section.
5. Click the type of message: **Introductions** or **Conclusions**.
6. Click the **Modify** button corresponding to the message.

   You can also directly click the desired message, from the tree structure:

7. Perform the changes you wish.
8. Click **OK.**

2.4.8.5 Deleting a message

As modification, you can delete the desired message directly from the displayed tree structure.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the desired business unit.
3. Click the **Associated elements** tab.
4. Click the **Modify** button () from the **Introduction and conclusion messages** section.
5. Click the type of message: **Introductions** or **Conclusions**.
6. Click the **Delete** button corresponding to the message.

   ALE Connect asks you to confirm the deletion.
7. Click **Confirm**.

2.4.9 Equity rules (Voice media excluded)

For chat interactions, the equity rules allow to define how interactions are distributed to agents. Indeed, for a same tenant, several agents may have the same skills to process an interaction. These equity rules therefore determine the most appropriate agent, taking into account the weight of the activity:

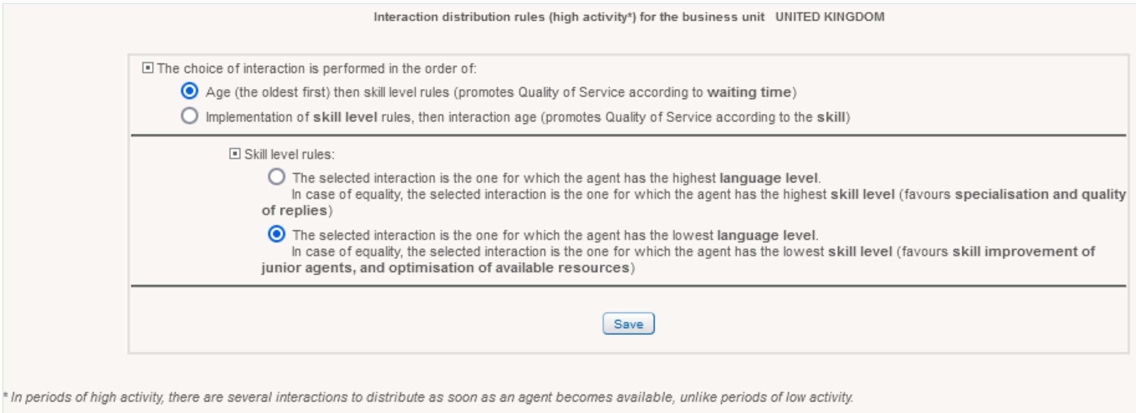
- **High activity**: all agents are busy and any new incoming interaction is distributed to the first agent that becomes available. Equity rules are configured at the business unit level.
- **Low activity**: several agents are available to process a new incoming interaction. Equity rules are configured at the queue level.

2.4.9.1 Defining rules in case of high activity

For each business unit, you must define how ALE Connect will fairly distribute interactions to agents in case of high activity. These rules are valid for all the queues of the selected business unit.

1. From the **Administration** tab, click **Tenants** > **Business Units.**
2. Select the affected business unit by clicking the corresponding line.
3. Click the **Associated elements** tab.
4. Click the **Modify** button ( ) from the **Equity rules** section.

   The following screen is displayed:



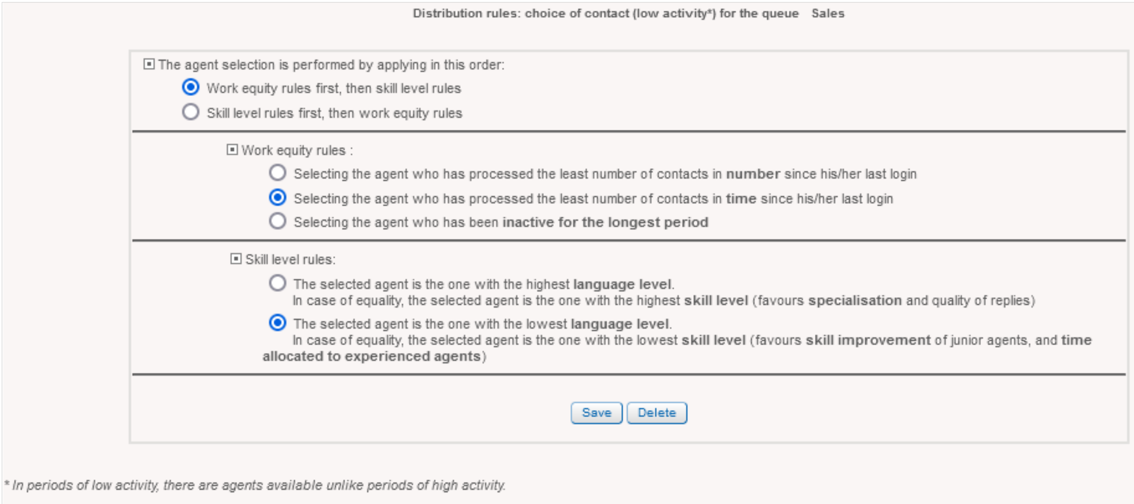
5. Indicate whether the system should distribute the interaction according to its age (regardless of agent skills) **OR** according to agent **skill levels** (then age) by checking the corresponding option.
6. If you have checked the second option, specify which behaviour ALE Connect should adopt in case of equality, i.e. when several agents have the same (highest) language level:
   ALE Connect gives priority to the interaction for which the agent has the highest skill level, or vice versa.
7. Click the **Save** button.

2.4.9.2 Defining rules in case of low activity

For each chat queue, you must define how ALE Connect will fairly distribute interactions to agents in case of low activity.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Queues**.
2. Select the affected queue by clicking the corresponding line.
3. Click the **Associated elements** tab.
4. Click the **Modify** button ( ) from the **Equity rules** section.

   The following screen is displayed:



5. Indicate whether ALE Connect should select an agent by giving priority to **work equity rules** first and then **skill level rules**, or vice versa, by checking the appropriate option.

   Work equity rules
   ALE Connect selects an agent according to his/her login time or the amount of work he/she has already performed. This is the one who:
   - has processed the least number of contacts since his/her login.
   - has processed the least number of contacts in time since his/her login, i.e. the one with the lowest cumulated handling time.
   - was inactive for the longest period (recommended).

   Skill level rules
   ALE Connect automatically selects the agent with the highest language level. However, in case of equality between several agents, the system can choose the most or the least skilled agent. As a reminder, the skill levels are defined by user groups (the agent inherits the level associated with his/her group).

6. Click the **Save** button.

2.4.10 Acknowledgements of receipt

In ALE Connect, an acknowledgement of receipt is an automatic email sent to the contact, confirming the receipt of his/her message and usually indicating a handling time. The content of the message can be completely customised.

The acknowledgement of receipt can be defined at the management rules, routing rules or queues level. The first two levels have priority over the acknowledgement of receipt linked to the queue, making it inactive.

2.4.10.1 Activating an acknowledgement of receipt

It is only possible to create one acknowledgement of receipt by queue.

1. From the **Administration** menu, click **Tenants** > **Business Units** > **Queues**.
2. Select, from the existing list, the affected queue.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) from the **Acknowledgement of receipt** section.
5. Enter the subject of the acknowledgement of receipt.
6. Enter the text of the acknowledgement of receipt by inserting variables if desired.
7. Activate the automatic sending of the acknowledgement of receipt by checking **Yes**.
8. Click **OK** to save your entry.

2.4.10.2 Deactivating an acknowledgement of receipt

1. From the **Administration** menu, click **Tenants** > **Business Units** > **Queues**.
2. Select, from the existing list, the affected queue.
3. Click the **Associated elements** tab.
4. Click the **Modify** button (✏) from the **Acknowledgement of receipt** section.
5. Deactivate the automatic sending of the acknowledgement of receipt by checking **No**.
6. Click **OK** to save your entry.

2.4.10.3 Inserting variables into an acknowledgement of receipt

It is possible to customise the acknowledgement of receipt by inserting variables from a form. When reading the response, they are automatically initialised with the matching actual values. A variable corresponds to the name of the form field, preceded and followed by three hash characters (###).

Example:

```
Hello ###CLI.CIVILITE### ###CLI.PRENOM### ###CLI.NOM###,
```

Result:

```
Hello Mrs Mary Smith,
```

The available variables are:

Table	Column	Variable
Contact sheet	First name	CLI.PRENOM
Contact sheet	Last name	CLI.NOM
Contact sheet	Title	CLI.CIVILITE
Contact sheet	Date of birth	CLI.DATE ANNIVERSAIRE
Contact sheet	Verbatim	CLI.VERBATIM
Contact sheet	Company	CLI.SOCIETE
Contact sheet	Street number	CLI.NUMERO DE RUE
Contact sheet	Street name	CLI.NOM RUE
Contact sheet	Building	CLI.IMMEUBLE
Contact sheet	Postcode	CLI.CODE POSTAL
Contact sheet	City	CLI.VILLE
Contact sheet	Comment	CLI.COMMENTAIRE CLIENT
Contact sheet	Phone number	CLI.TELEPHONE
Contact sheet	Mobile phone	CLI.MOBILE
Contact sheet	Reference	CLI.REFERENCE
Contact sheet	Country	CLI.PAYS
Contact sheet	Locality or residence	CLI.LIEU DIT
Agents	Title	OPE.CIVILITE
Agents	First name	OPE.PRENOM
Agents	Last name	OPE.NOM
Agents	Phone number	OPE.TELEPHONE
Agents	Address	OPE.ADRESSE

Table	Column	Variable
Agents	City	OPE.VILLE
Agents	Login	OPE.LOGIN
Agents	Email	OPE.EMAIL
Folder	Folder number	thread_id
Folder	Creation date	date_creation
Folder	Subject	subject
Folder	Date of incoming message	incoming_mail_date
Folder	Body of incoming message	incoming_mail_body

2.5 Skills

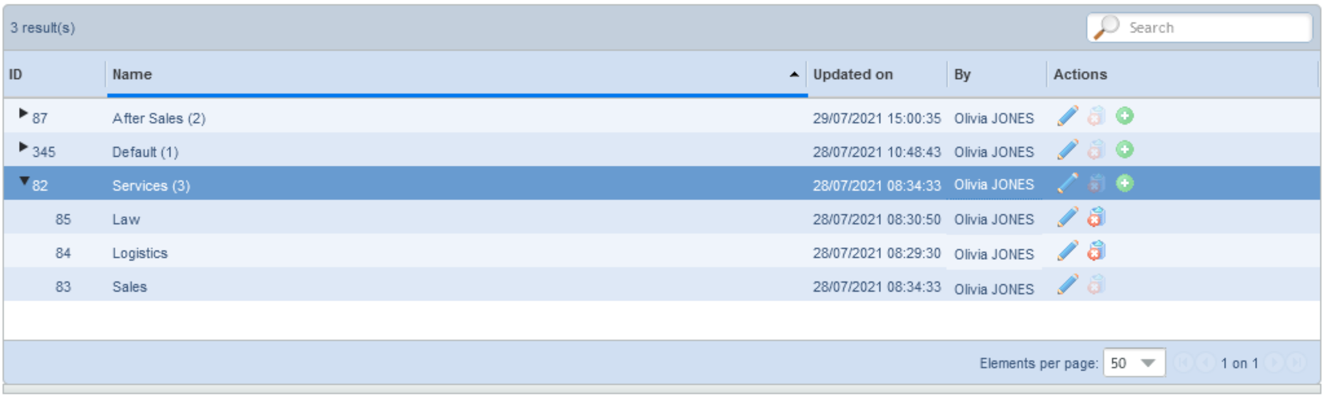
A skill is a business ability or know-how, which can be assigned to each new folder created (in the same way as a queue and a language). The coordinator of the tenant is responsible for their management. A skill can be assigned to a user group allowing them to process the folder. A skill group contains several skills.

Once created, it is possible to assign them to the collaborators of the contact centre, at the user groups level.

Warning: both skills and groups are managed from the same screen.

2.5.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Skills** menu. The upper part of the screen displays the list of existing skill groups. By default, they are sorted in descending chronological order (from the most recent to the oldest), allowing you to immediately view the last modified groups. Nevertheless, it is possible to order the list according to the criterion of your choice, by clicking the header of the corresponding column.



For each skill group, you can view:

- unique ID,
- name directly followed by the number of associated skills displayed in brackets,
- date and time of last update,
- user who created or modified it,
- possible actions represented by an icon.

2.5.2 Managing skill groups

You must first create the group, before creating its skills. Before starting, check that the selected tenant is the one for which you want to create groups.

Warning: a “default” skill group is automatically created by the provisioning and cannot be deleted.

2.5.2.1 Creating a skill group

1. From the **Administration** tab, click **Tenants** > **Skills**.
2. Click the **Add a new skill group** button above the list:
3. Fill in the name of the group.
4. Click **Save**.

2.5.2.2 Modifying a skill group

This functionality allows you to modify the group name if necessary.

1. From the **Administration** tab, click **Tenants** > **Skills**.
2. Click the **Modify** button () located on the line of the affected group.
3. Modify the group name.
4. Click **Save**.

2.5.2.3 Deleting a skill group

This action is only possible if no skills are associated with the group. Otherwise, the icon is greyed out. The skill group created by the provisioning cannot be deleted.

1. From the **Administration** tab, click **Tenants** > **Skills**.
2. Click the **Delete** () button located on the line of the affected group.

   ALE Connect asks you to confirm the deletion.
3. Click **Yes**.

   ALE Connect returns to the list of skill groups: the deleted group is no longer displayed.

2.5.3 Creating a skill

Once the group is defined, you can create its skills.

Warning: click the ▶ icon in the ID column to view the skills that are attached to each group.

A default skill must be assigned to each tenant: it is necessary to process emails. When the corresponding folder is created, three characteristics are automatically assigned to it: the queue on which the flow was received, the default skill of the tenant and the language detected by the system (if not modified by a routing rule). Any new skill is taken into account on the agent interface within about 5 minutes after its creation.

Warning: a “default” skill, attached to the “default” skill group, is automatically created by the provisioning and cannot be deleted.

1. From the **Administration** tab, click **Tenants** > **Skills**.
2. Click the ▶ icon in the **ID** column of the group for which you wish to create a skill.
3. Click the **Add a skill** button ( ) located on the line of the affected group.
4. Enter a name that clearly identifies the new skill.
5. Check the **Default skill of the tenant** option if it is indeed the default skill of the current tenant.
6. Click **Save**.

   ALE Connect adds automatically the skill to the group: its number is incremented by 1.

2.5.4 Modifying a skill

1. From the **Administration** tab, click **Tenants** > **Skills**.
2. Click the ▶ icon in the **ID** column of the group for which you wish to create a skill.
3. Click the **Modify** button ( ) located on the line of the skill to modify.
4. Perform the changes you wish.
5. Click **Save**.

2.5.5 Deleting a skill

This action is possible if the skill is not associated with a realtime queue. The skill created by the provisioning cannot be deleted.

1. From the **Administration** tab, click **Tenants** > **Skills**.
2. Click the ▶ icon in the **ID** column of the group to which the skill to be deleted belongs.
3. Click the **Delete** button ( ) located on the line of the skill to delete.

   ALE Connect asks you to confirm the action.

4. Click **Yes**.

   ALE Connect returns to the list of skill groups. Expand the list of skills from the group: the one that has been deleted is no longer displayed.

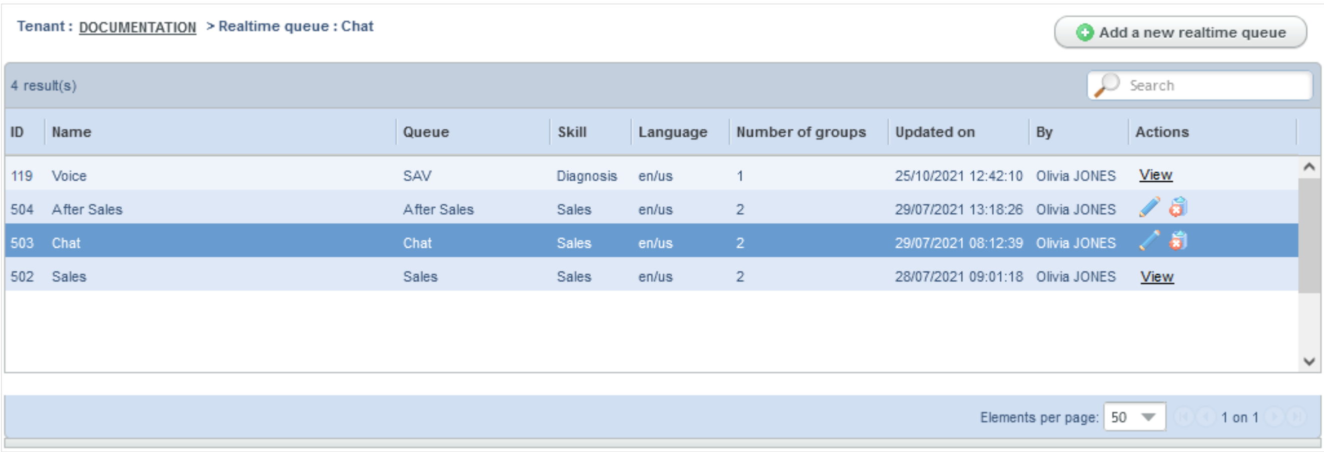
2.6 Realtime queues

A realtime queue is a queue to which a language and a skill have been assigned. It automatically inherits the media of the queue to which it is attached. It is possible to create realtime queues for chat media only.

Warning: voice realtime queues are automatically created by the provisioning and cannot be deleted. They correspond to pilots declared in OXE.

2.6.1 Overview

This functionality can be accessed from the **Administration** > **Tenants** > **Realtime Queues** menu. The upper part of the screen displays the list of all the realtime queues of the selected tenant:



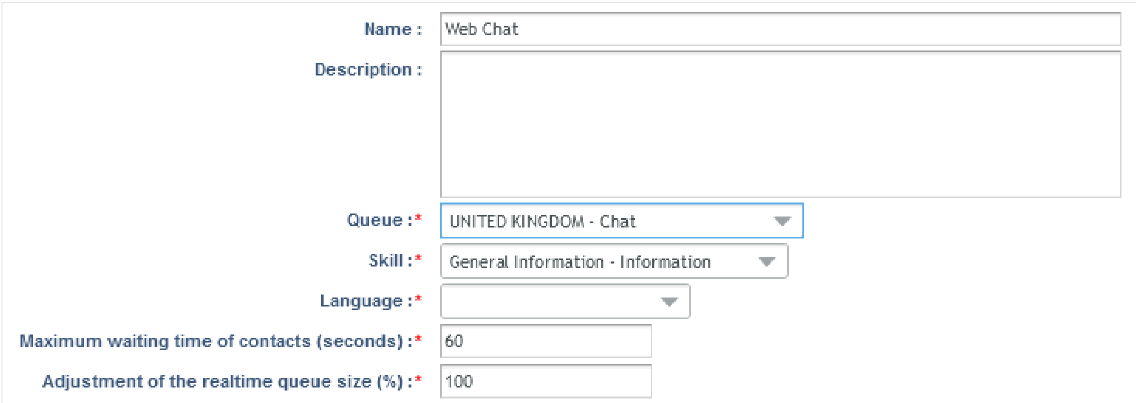
For each of them, you can view:

- unique ID assigned by the system,
- name,
- associated queue,
- skill,
- working language,
- number of subscribed user groups,
- date and time of last update,
- user who performed the action,
- context actions.

2.6.2 Creating a chat realtime queue

It allows the contact centre to handle chat conversations with web users. The realtime queue must be linked to a chat queue previously created. Also make sure that the tenant selected is correct.

1. From the **Administration** tab, click **Tenants** > **Realtime queues**.
2. Click the **Add a new realtime queue** button.



3. Fill in the properties of the realtime queue:

Name
Enter a name to identify the realtime queue in the application. Two realtime queues cannot have the same name. If you forget to enter it, ALE Connect will automatically assign a name when saving.

The following characters are not authorised in the name:

```
& = ^ $ * , ; : ! § / . ? % £ ° ² < > + } \ ` # ~ {
```

Description
Long description allowing to type notes regarding the use of the realtime queue.

Queue (mandatory)
Select, from the list, the chat queue on which the realtime queue depends. Warning, this field cannot be modified after saving.

Skill (mandatory)
Select, from the list, the skill necessary to process the interactions of this realtime queue.

Language (mandatory)
Select, from the list, the working language of the realtime queue.

Maximum waiting time of contacts (seconds)
This is the maximum time the contact can stay in the chat realtime queue: the timer starts when the contact validates his/her chat request and stops as soon as the chat is presented to an agent. By default, this time is set to 60 seconds. If no agent has accepted the interaction within this time, the web user is dissuaded. When the web user is taken out of the realtime queue to be presented to an agent, the maximum lead time before automatic processing is triggered (set up in the agent's realtime profile). If the agent refuses the chat, the contact returns to the realtime queue and the maximum waiting time restarts at 0 (no total waiting time in realtime queue).

Adjustment of the realtime queue size (% of number of agents logged in x number of maximum conversations)
This parameter allows to determine the size of the chat realtime queue, i.e. the number of web users that are placed in realtime queue when all agents allowed to process chat conversations have reached their maximum quota of authorised conversations. You must enter here a percentage from 0 to N. The size adjustment is then calculated as follows:
= (Total quota of chat conversations / 100) x Percentage value

When the result is a decimal number, ALE Connect rounds down to the nearest integer number.

Here is an example with 3 logged in agents who can process a maximum of 3, 2 and 1 conversations respectively. For this realtime queue, the contact centre can therefore process simultaneously a maximum of 6 chat conversations (3 + 2 + 1).

- 0%: no contacts in realtime queue.
- 20%: when the maximum quota is reached (i.e. 6), the system can place up to 1 contact in realtime queue.
- 50%: when the maximum quota is reached (i.e. 6), the system can place up to 3 contacts in realtime queue.
- 100%: when the maximum quota is reached (i.e. 6), the system can place up to 6 contacts in realtime queue.
- 150%: when the maximum quota is reached (i.e. 6), the system can place up to 9 contacts in realtime queue.

4. Click **Save**.

2.6.3 Viewing the subscribed user groups

You can view all user groups that are subscribed to the realtime queue: these are the groups with rights on the queue linked to the realtime queue. This association is automatically performed by ALE Connect as soon as a user group is attached to the same queue + skill + language as the realtime queue.

1. From the **Administration** tab, click **Tenants** > **Realtime queues**.
2. Select a realtime queue by clicking the corresponding line.
3. Click the **User groups** tab.

   For each group, the screen displays its ID, name and the number of users it contains.

2.6.4 Modifying a realtime queue

It is possible to modify some properties of a chat realtime queue after its creation. However, voice realtime queues cannot be modified.

1. From the **Administration** tab, click **Tenants** > **Realtime queues**.
2. Click the **Modify** button () located on the line of the realtime queue to modify.
3. Change the desired properties.
4. Click **Save**.

2.6.5 Deleting a realtime queue

This action is only possible for chat realtime queues, if all its attached elements have been previously deleted (folders, users, and user groups). However, voice realtime queues cannot be deleted.

1. From the **Administration** tab, click **Tenants** > **Realtime queues**.
2. Click the **Delete** button () located on the line of the realtime queue to delete.

   ALE Connect asks you to confirm the deletion.
3. Click **Yes**.

   ALE Connect updates the list: the realtime queue is no longer displayed.

2.7 Address book

The address book lists the contacts, internal or external to the company, with which agents can exchange while processing:

- **emails**. In this context, it is used to copy the desired contacts, to transfer a folder to a third party or to redirect a folder to an expert.
- **outbound calls**. Only contacts with a phone number will be suggested by the address book.

The address book is defined by business unit. The queues attached to this business unit automatically inherit it.

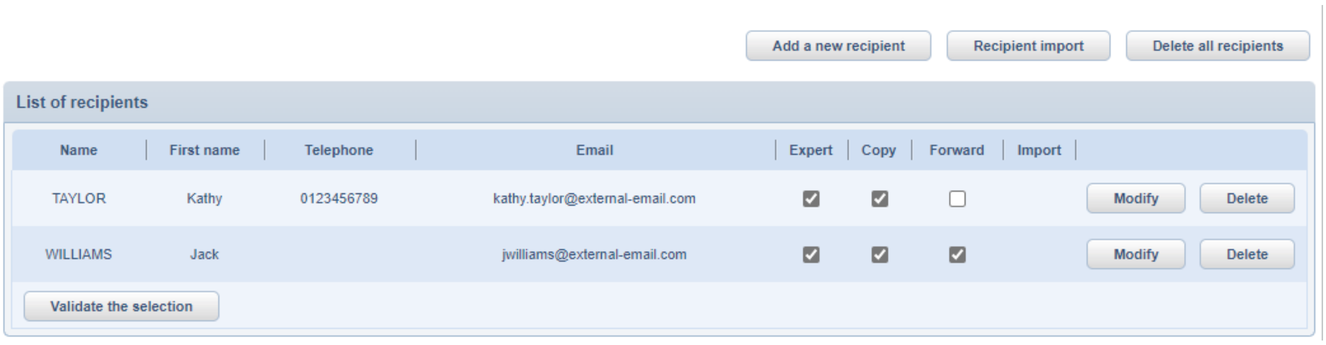
2.7.1 Display on the agent interface

When an agent (or a supervisor) uses the address book on his/her ALE Connect interface, the contact display rules are the following:

- When an agent processes an email folder from a queue of the A business unit, then the contacts stored in the A address book are displayed.
- If the agent processes an email folder from a queue of the B business unit, then the contacts stored in the B address book are displayed.

2.7.2 Overview

This functionality is available from the **Administration** > **Tenants** > **Business Units** > **Address Book** menu. The upper part of the screen displays the whole address book. The recipients are sorted in alphabetical order (A-Z) according to their last name.



For each recipient, you can view:

- last name,
- first name,
- phone number,
- email address,
- information indicating whether he/she is an expert or not,
- information indicating whether he/she can be copied on the emails,
- information indicating whether the emails can be forwarded to him/her,
- source of creation (recipient created following a file import or manual entry).

2.7.3 Creating a recipient

First, check that the selected business unit is correct. By default, any new recipient is considered as an expert and can be copied on the emails exchanged. It is possible to create recipients with the same first and last names (homonyms).

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Address Book**.
2. Click the **Add a new recipient** button.
3. Fill in the following information:

   Title
   Select, from the list, the contact title. By default, the Mr value is selected (title: 10 characters). Titles are predefined in the system: it is not possible to add titles.

   Last name (mandatory)
   Enter the last name of the recipient (50 alphanumeric characters maximum).

   First name (mandatory)
   Enter the first name of the recipient (50 alphanumeric characters maximum).

   Email
   Enter the email address of the recipient (255 alphanumeric characters maximum). It is its unique ID within the address book. That is why two recipients cannot have the same email address.

   Department
   If necessary, specify the company department to which the recipient belongs (50 alphanumeric characters maximum).

   Telephone
   Enter the phone number where the recipient can be reached (20 characters maximum). This should not contain any spaces or separators. In case of international number, it should not contain any separators, spaces or special characters.

   Address
   Enter the recipient’s postal address (100 alphanumeric characters maximum).

   City
   Enter the recipient’s city (100 alphanumeric characters maximum).

4. Click the **OK** button.

   The recipient is added to the address book and can be used immediately.

2.7.4 Defining the recipient forwarding options

These options are used to process emails (license with Email media). You must specify which forwarding actions are allowed or forbidden for each recipient in the address book.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Address Book**.
2. For each recipient, check the forwarding option(s) allowed:

   Expert
   The expert is usually in charge of performing study or consulting missions, scientific reviews or evaluations in a technical domain. Agents/Supervisors have the possibility to send a folder to an expert, to get advice on the response. Once forwarded, the folder changes to the Expert waiting status and remains in the In progress desktop. The expert receives the folder as an email: the <InfoRef...> folder reference is indicated in the subject of the email. He/She prepares his/her reply and sends it via his/her mailbox. The expert never replies directly to the contact; he/she communicates exclusively with agents and supervisors. As soon as the expert reply is received, ALE Connect changes the status of the folder to Expert reply. The agent can then continue to process the folder, according to the follow-up.

   Copy
   The recipient can be copied on emails written by agents/supervisors. He/She is available in the address book whenever it is possible to copy recipients on an email.

   Forward
   Agents/supervisors can delegate the processing of an email folder to the recipients of their choice: another department in the company, external organisation, etc. The recipients will be responsible for resuming its follow-up with their own tools.
   By checking this option, the agents/supervisors will be able to forward folders to this recipient. For example, a web user has sent an email due to an invoicing error on his/her order. This folder must be forwarded to the accounting department for regularisation.
   Forwarding closes the folder permanently in ALE Connect. The folder is considered to be out of the system: it changes to the Closed (forward) status, then is stored in the Processed desktop. In other words, after forwarding, all events that will occur on the folder will not be visible in ALE Connect.

3. Click **Validate the selection** to save the setup.

2.7.5 Importing recipients

This method is recommended if you have a large number of recipients to create in the system. It avoids time-consuming entry, by importing a text file containing all the recipients to be added to the address book.

2.7.5.1 Import file structure

So that the import succeeds, the file must respect the following constraints:

- It must be a **text** file.
- The characteristics of each recipient are displayed on a **single line** and are separated by a **comma** (delimiter).
- The file can contain up to **8 fields** strictly ordered as follows: Title, First name, Last name, Email, Department, Telephone, Address and City.
- It is possible to create recipients with the **same first and last names** (homonyms).
- Each **email address** must be **unique** in the imported file. If there is a duplicate, the last duplicate line in the file is imported.
- The phone number **must not** contain any **spaces**, **separators**, or **special characters** (e.g.: 0110203040 for a national number or 0033110203040 for an international number).

Correct examples:

```
Mr.,Alexander,Barnes,alexander.barnes@address.com,accounting,0102030405,221
Baker Street,NW1 6XE London
Mrs.,Jessie,Lee,,,,,
Mrs.,Georgia,Howey,georgia.howey@address.com,,,,
```

2.7.5.2 Performing an import

Each recipient is identified by his/her email single address. If the import file contains an email address that already exists, the system automatically updates the corresponding recipient, i.e. it overwrites the existing data of the address book and replaces them with data provided by the import file.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Address Book**.
2. Click the **Recipient import** button.
3. Enter the **name** of the import.
4. Click **Browse** and select the file to import.
5. Click **OK** to start the import.

   Once the import is complete and successful, the recipients are automatically added to the address book. In case of failure, a message will inform you.

2.7.6 Modifying a recipient

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Address Book**.
2. Click the **Modify** button located on the line of the affected recipient.
3. Perform the desired changes (see the creation of a recipient).
4. Click **OK**.

   ALE Connect saves the changes and updates the sheet.

2.7.7 Deleting a recipient

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Address Book**.
2. Click the **Delete** button located on the line of the affected recipient.

   ALE Connect displays the recipient's information.
3. Click **OK** to confirm the deletion.

   ALE Connect then deletes the recipient from the address book.

2.7.8 Deleting all recipients

This action deletes all the recipients in the address book at once.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Address Book**.
2. Click the **Delete all recipients** button.

   ALE Connect asks you to confirm the deletion.
3. Click **OK**.

   ALE Connect then deletes all the recipients. The address book is now empty.

2.8 Numbering plans

A numbering plan is a set of rules that determine how a phone number must be interpreted then transformed to be routed correctly to the correspondent. These rules will be applied to all phone numbers of incoming or outbound calls processed by agents.

To manage the telephone system with ALE Connect, you must configure two numbering plans that will allow to:

- store a single and homogeneous format of phone numbers (canonical format),
- manage contact sheets with a phone number correctly formatted,
- route correctly the calls to and from O2G.

2.8.1 What you need to configure

From the administration interface, you must create the **following 2 numbering plans**, strictly respecting the name indicated:

- **ale-incoming**: numbering plan which transforms the phone numbers of incoming calls (incoming flows in ALE Connect: OXE > O2G > ALE Connect).
- **ale-outgoing**: numbering plan which transforms the phone numbers of outbound calls (outgoing flows from ALE Connect: ALE Connect > O2G > OXE).

Warning: only these 2 numbering plans will be taken into account by the telephone system in ALE Connect. Furthermore, it is highly recommended to test them before the production.

2.8.2 Configuration steps

For each numbering plan to set up, you must perform the following steps:

1. Create a numbering plan
2. Create the rules of the numbering plan
3. Order the rules of the numbering plan
4. Activate the rules of the numbering plan
5. Test the numbering plan

2.8.3 Overview

This functionality is available from the **Administration** > **Tenants** > **Numbering Plans** menu. The upper part of the screen displays the list of all the configured numbering plans:

For each numbering plan, you can view:

- unique ID,
- name,
- date and time of last update,
- name and first name of the user who created or modified it,
- possible actions represented by an icon.

2.8.4 Creating a numbering plan

1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Click the **New numbering plan** button.
3. You must fill in the name.

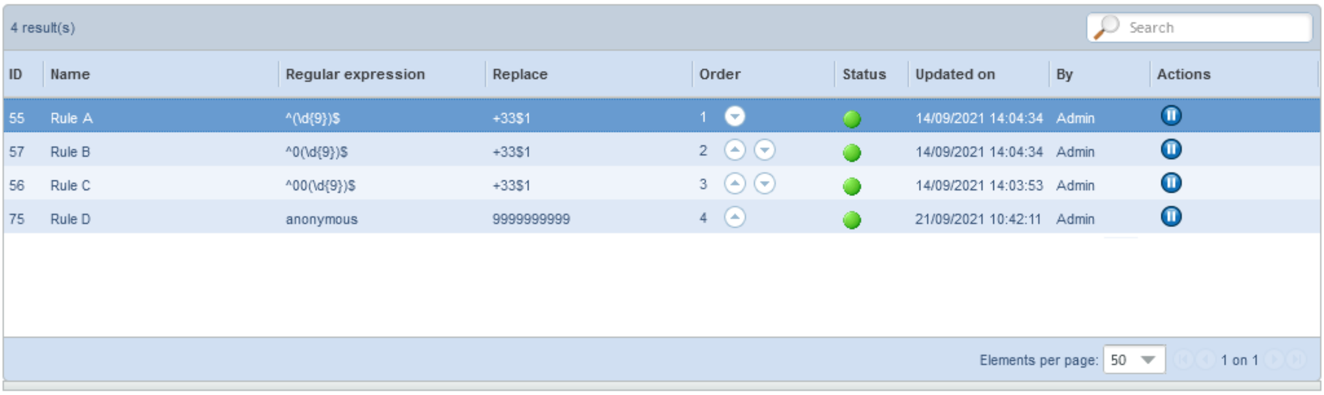
   This is either **ale-incoming** or **ale-outgoing** according to the numbering plan you want to create.
4. Enter a comment describing the use of this numbering plan, if desired.
5. Click **Save**.
6. Create the rules of the numbering plan.

2.8.5 Rules of a numbering plan

This functionality allows you to create the transformation rules of phone numbers, for a numbering plan.

2.8.5.1 Overview

The functionality is accessible from the **Tenants** > **Numbering Plans** > **Rules** menu. The upper part of the screen displays the list of rules set up for the numbering plan selected:



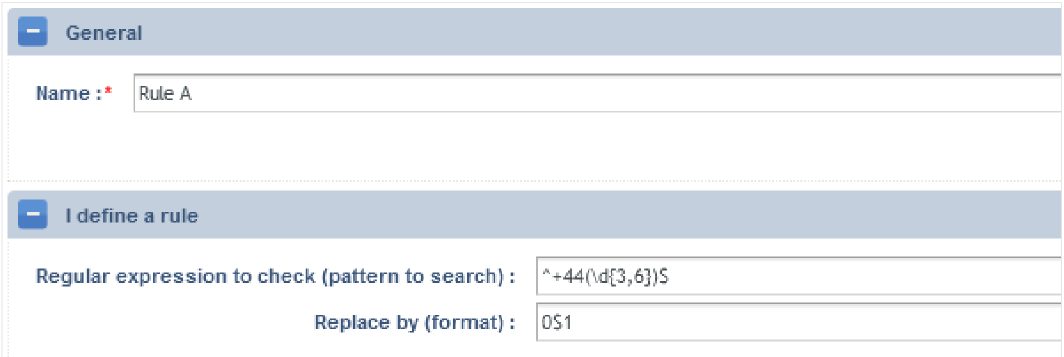
For each rule, you can view:

- unique ID,
- name,
- conversion regular expression,
- replacement value,
- order in which the rule is applied (can be modified by using the up and down arrows),
- current status illustrated by a colour indicator,
- date and time of last update,
- name and first name of the user who created or updated it,
- possible actions represented by an icon.

2.8.5.2 Creating a rule

1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Select the numbering plan for which you want to create a rule.
3. Click the **Rules** sub-menu.
4. Click the **New rule** button.

   The following screen is displayed:



5. You must enter the **name** of the rule.
6. Fill in the **regular expression** that must be used to interpret phone numbers (refer to the JavaScript documentation related to regular expressions for any question).

   If the syntax of the regular expression is not correct, an error message is displayed when you try to save the rule.
7. In the **Replace by (format)** field, enter the value that should replace the phone number sequence interpreted by the regular expression.
8. Click **Save**.

2.8.5.3 Examples of rules

For the ale-incoming numbering plan

Example for an ACD call

Turn a number with 9 digits (123456789) sent by O2G into an international number to ALE Connect.

Regular expression:

`^(\d{9})$`

The rule replaces by:

`+33$1`

The resulting number is:

`+33123456789`

Example for an ACD call from the handset

Turn a number with 11 digits (00123465789) sent by O2G into an international number to ALE Connect.

Regular expression:

`^00(\d{9})$`

The rule replaces by:

`+33$1`

The resulting number is:

`+33123456789`

For the ale-outgoing numbering plan

Example for an outbound call from an ALE Connect contact sheet

Turn an international number (+33123465789) sent by ALE Connect into a number accepted by O2G.

Regular expression:

`^\+33(\d{9})$`

The rule replaces by:

`00$1`

The resulting number is:

`00123456789`

2.8.5.4 Modifying a rule

This action is only possible when the rule is deactivated. Otherwise, the button is hidden.

Warning: changes are taken into account after 60 seconds (cache).

1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Select the numbering plan for which you want to modify a rule.
3. Click the **Rules** sub-menu.
4. Click the **Modify** button ( ) located on the line of the affected rule.
5. Perform the desired changes (refer to creation).
6. Click **Save** to save your entry.

2.8.5.5 Deleting a rule

This action is only possible when the rule is deactivated. Otherwise, the button is hidden.

1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Select the numbering plan for which you want to delete a rule.
3. Click the **Rules** sub-menu.
4. Click the **Delete** button ( ) located on the line of the affected rule.

   ALE Connect asks you to confirm the deletion of this element.
5. Click **Yes** to delete permanently the rule, or **No** to abandon this action.

   ALE Connect immediately deletes the rule and updates the list.

2.8.5.6 Activating a rule

Creating a rule is not enough: you must activate it in order to the numbering plan takes into account the rule.

1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Select the affected numbering plan.
3. Click the **Rules** sub-menu.
4. Select the rule to activate.
5. Click the **Activate the rule** ( ) button located on the corresponding line.

   The rule is now activated.

2.8.5.7 Deactivating a rule

This action consists in temporarily suspending the application of the rule. After deactivation, the rule can be modified or deleted again.

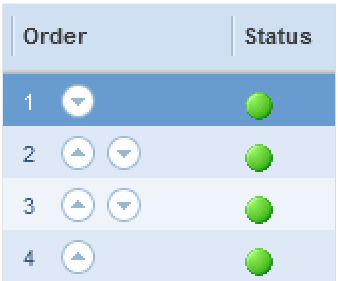
1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Select the affected numbering plan.
3. Click the **Rules** sub-menu.
4. Select the rule to deactivate.
5. Click the **Deactivate the rule** () button located on the corresponding line.

   The rule is now deactivated.

2.8.5.8 Ordering the rules

When several rules have been defined, they must be ordered to determine which one should be applied. Indeed, ALE Connect takes the rules in the order they appear in the list: **the first rule found and checked is applied.**

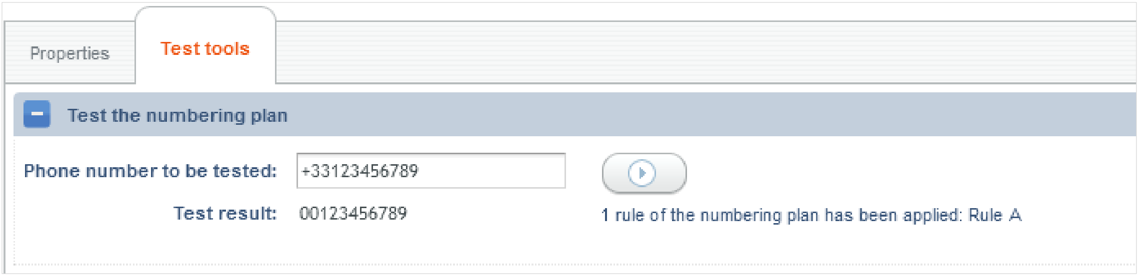
1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Select the numbering plan for which you want to order the rules.
3. Click the **Rules** sub-menu.
4. In the **Order** column, click the **Move up** and/or **Move down** buttons to order the rules in the list.



2.8.6 Testing a numbering plan

Warning: it is highly recommended to test each numbering plan, before the production.

1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Select the numbering plan to be tested.
3. Click the **Test tools** tab.



4. Enter the **phone number to be tested** then click the button.

   ALE Connect displays the transformed phone number.

2.8.7 Modifying a numbering plan

1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Click the **Modify** button () located on the line of the affected plan.
3. Perform the changes you wish.
4. Click **Save** to save your entry.

2.8.8 Deleting a numbering plan

This action is possible even if rules (active or inactive) are associated with the numbering plan to delete. Once the deletion is performed, the phone numbers of incoming calls will no longer be transformed according to the rules that were defined by the plan. These numbers will arrive in ALE Connect in their original format: the software may not find the contacts in the database, if the contact phone number has been saved in another format (duplicates of sheets possible).

1. From the **Administration** tab, click **Tenants** > **Numbering Plans**.
2. Click the **Modify** button () located on the line of the affected plan.

   ALE Connect asks you to confirm the deletion of this element.
3. Click **Yes** to delete permanently the numbering plan, or **No** to abandon this action.

   ALE Connect immediately deletes the plan and updates the list.

2.9 Statistical report parameters

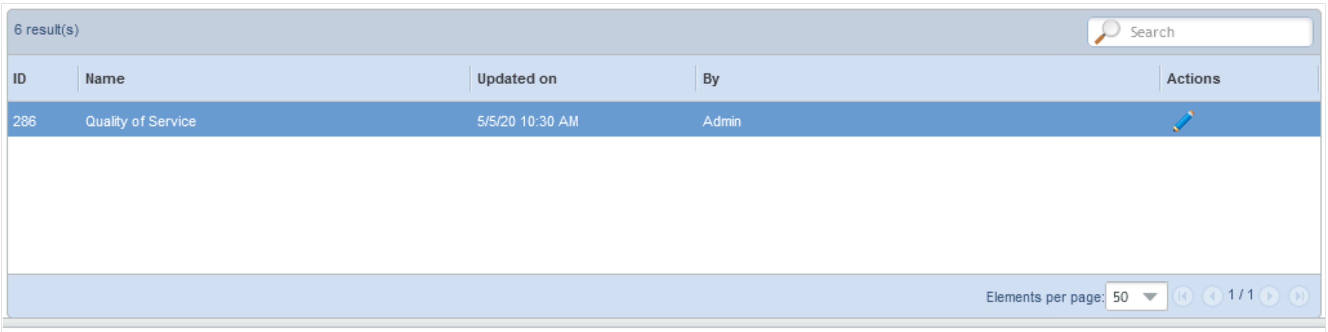
ALE Connect provides supervisors with a reporting and statistical tool, allowing to analyse the contact centre activity. In reports that report data over a period longer than one day (D+ aggregated), some dimensions present detailed results by time intervals.

This functionality allows you to define the desired intervals for the **quality of service calculated for emails**. It measures the elapsed time, in working hours, between the receipt of the last incoming message of a folder and the reply given (ALE Connect takes the calendar of the business unit associated with the queue of the folder, at the time of the reply). It is used in the **Quality of Service (written)** and **Quality of Service for incoming flows (written)** cubes.

This setup is performed at the tenant level and will then be applied to all its business units.

2.9.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Statistical Report Parameters** menu. The upper part of the screen displays the quality of service for which you can define the time intervals:



You can view:

- unique ID assigned by the system,
- name,
- date and time of last update,
- user who performed the action,
- context actions.

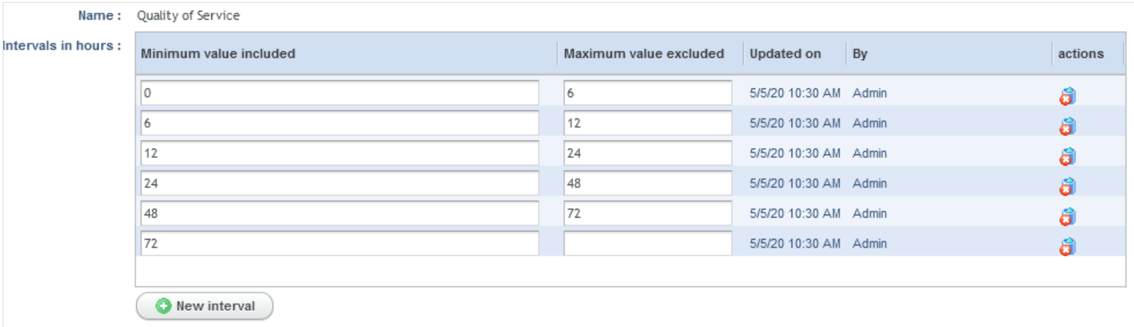
2.9.2 Modifying a parameter

The modification only affects the intervals; the other fields cannot be modified.

Warning: any modification of an interval has an immediate impact on reports that use the affected parameter. An inconsistency in the results generated may therefore occur in an impacted report. If the intervals are modified in the middle of the week and/or month, the aggregated data may be inconsistent: data that had a meaning at one time may have a different meaning at another time, due to this modification.

1. From the **Administration** tab, click **Tenants** > **Statistical Report Parameters**.
2. Click the **Modify** button ().

   The following screen is displayed:



Name : Quality of Service

Intervals in hours :

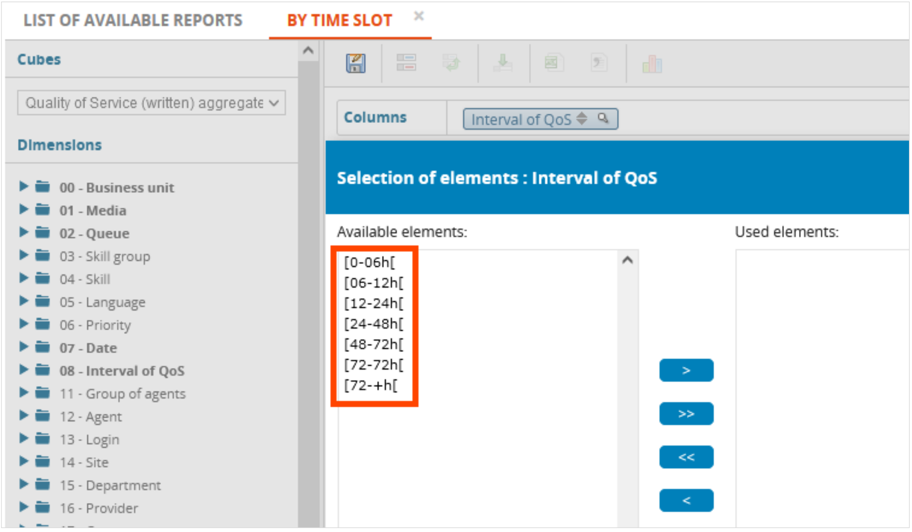
Minimum value included	Maximum value excluded	Updated on	By	actions
0	6	5/5/20 10:30 AM	Admin	
6	12	5/5/20 10:30 AM	Admin	
12	24	5/5/20 10:30 AM	Admin	
24	48	5/5/20 10:30 AM	Admin	
48	72	5/5/20 10:30 AM	Admin	
72		5/5/20 10:30 AM	Admin	

New interval

3. Enter the **upper and lower limits** of the interval to be modified.
4. If necessary, it is possible to **add a new interval** by clicking the corresponding button: a new line is added to the table.
5. Click **Save** to validate your entry.

   ALE Connect informs you that the changes performed may generate an inconsistency in the results of reports using the affected parameter. The system asks you to confirm the modification.
6. Click **Yes**.

The time intervals set up are now available in the supervisor reporting module:



2.9.3 Example of modification

The intervals already set up are the following:

- 0 - 6
- 6 - 12
- 12 - 24
- 24 - 48
- 48 - 72
- 72 +

Aggregated statistical data already exists on my ALE Connect environment. I change the parameters as follows:

- 0 - 1
- 1 - 3
- 1 – 6
- Etc.

The next day, I can view in my aggregated D+ report that:

- the Quality of Service dimension displays the values corresponding to the former setup and the new one,
- the aggregated statistical data before my modification remain in the former intervals,
- those aggregated after my modification are in the new ones.

2.9.4 Viewing the properties of a parameter

1. From the **Administration** tab, click **Tenants** > **Statistical Report Parameters**.
2. The properties of the quality of service are displayed:

   UUID
   Unique number identifying the parameter in the system. This number cannot be modified.

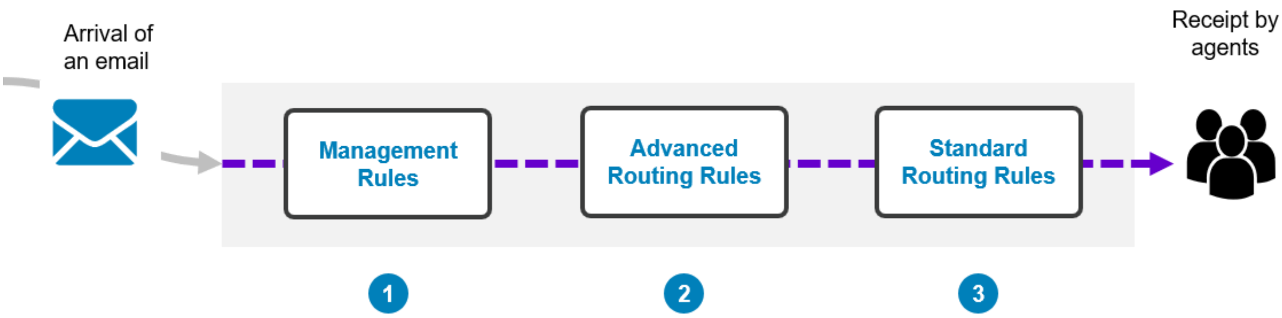
   Name
   Description of the parameter. It cannot be modified.

   Defined media
   Displays on the right the media to which this parameter is applied.

   Intervals in hours/seconds
   This table lists all the time intervals defined for the parameter. They must be consecutive and cover the time from 0 to infinity. The intervals of the quality of service are expressed in hours.

3 Routing of interactions

Every email that arrives in ALE Connect is routed through a native **routing engine**, which is based on rules to set up: their purpose is to automatically route incoming emails according to the needs of the activity. The routing is always deployed by business unit.



Its working order is the following: an email arrives in ALE Connect and passes through the routing engine. ALE Connect first applies the configured **management rules** (1). A specific management rule (last one in the list) automatically triggers the execution of all the **advanced routing rules,** if configured (2) in the defined order. Once the processing is complete, ALE Connect then executes the **standard routing rules** (3). This step is performed in all cases, whether advanced routing is implemented or not.

When the routing of the email is completed, it is then directed to a desktop of the agent interface according to the action performed by the routing rules. This path is traced in the **history of actions** of the corresponding folder: a **Routing by script** line is mentioned. It allows the agent or supervisor who views it to know whether the folder has been supported by a routing rule or not. If a rule was intended to route an email **outside of ALE Connect** (e.g. to a third party software), then the corresponding folder is stored in the **Processed** desktop, with the **Closed (forward)** status.

Warning: advanced routing is an optional extension of ALE Connect, dedicated to a technical audience. It completes the existing engine, allowing the coding of more complex and richer routing rules than those of the standard engine, oriented for functional use. It also gives access to new actions (not available as standard).

3.1 Management rules

This functionality allows you to set up the management rules that will be applied to incoming emails, before the routing rules. Before starting your entry, it is recommended to have created the forms and scripts that can be used during the setup. When this is done, you can start creating the rules.

3.1.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Business Units** > **Rule Management > Management Rules** menu. When opening the menu, ALE Connect displays by default all the management rules:

They are sorted in an arbitrary order defined by the user. You can view for each of them:

- available actions (represented by icons),
- date of last update,
- name of the user who performed the action,
- name of the management rule, in bold.

3.1.2 From the home screen

Creating a management rule

Duplicating a management rule

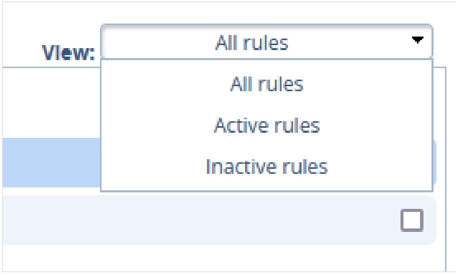
Deleting a management rule

Ordering the management rules

3.1.3 Filtering the management rules

By default, the home screen displays the list of all existing management rules. However, you can filter it to view only some of them.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.



2. In the **View** field above the list, select the type of rules to display:

   Active rules: only display the management rules currently in production for the business unit.

   Inactive rules: only display the management rules that are not in production (not applied).

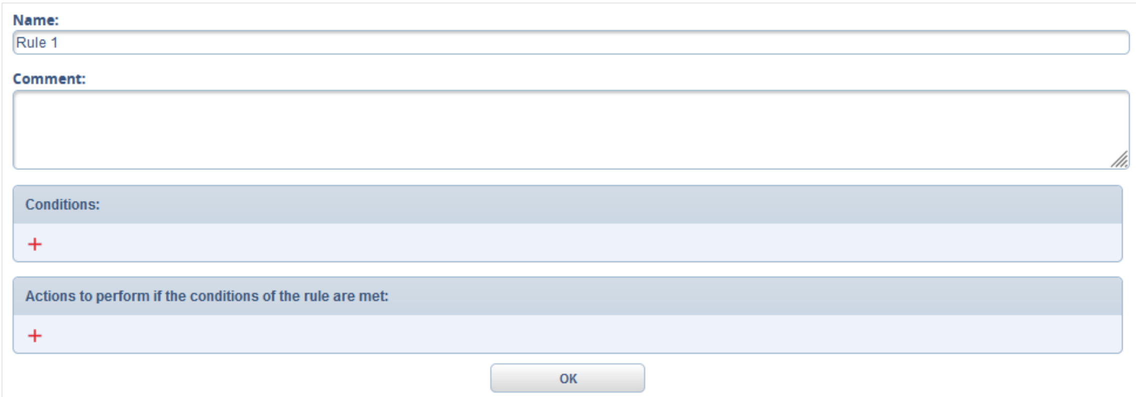
   The list is immediately filtered.

3.1.4 Creating a management rule

A management rule defines the conditions under which it is triggered and the actions to be executed in that case.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the **Add a rule** button (or the icon of an existing management rule).

   ALE Connect adds a new rule to the list, in last position. By default, its name is **Rule N**.
3. Click the rule just added.



4. Enter a **name** that clearly identifies the rule.

   By default, this is **Rule N**; N being a number that is automatically incremented with each addition.
5. Enter a **comment** to describe the purpose of the rule being created.

   It is recommended to fill in it to distinguish the rules in the menu. Indeed, this comment appears in a tooltip when you move the mouse cursor over the block.
6. Set up the triggering conditions of the management rule.
7. Define the actions to be performed when the conditions are met.
8. Click **OK** to create the rule.

3.1.5 Triggering conditions

They allow to trigger a management rule - or not - according to some criteria to be configured. To this end, a condition tests the value of a criterion. They are not mandatory: in that case, the management rule is systematically applied to all incoming emails for the affected business unit.

3.1.5.1 Available criteria

You will find below a list of all the criteria that the conditions can test. They are ordered as they appear on the screen in the scrolling list, when selected.

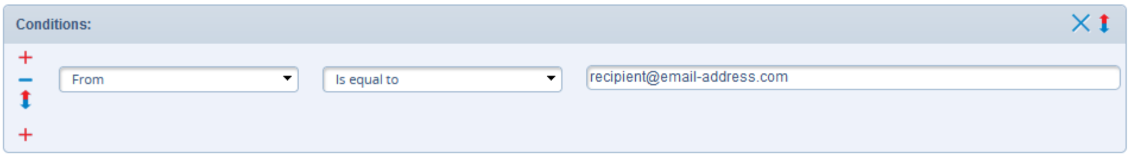
From	Address of the sender of the email.
To	Address of the recipient of the email.
CC	Address of the recipient copied in the email.
Subject	Content of the email subject. When an email arrives, the routing engine formats the Subject field by automatically removing all FW: and RE: prefixes for better reading. If the subject contains only one prefix, then the routing engine sets the default value to "----".
Body	Content of the email body.
Forms	Value of a form field to choose.

3.1.5.2 Adding a condition

This procedure explains you how to add a condition within a block, whether it is empty or not. The block then forms a set of conditions to be tested: **the management rule is only triggered if all the conditions of the block are met.** Indeed, when there are several conditions, they are automatically linked by AND (transparently). You can add a condition at any time, even if the management rule is already active. In that case, the modification will be taken into account as soon as you validate your changes.

Warning: if only one condition of the block is not met, the whole block is not checked. If it is the only condition block of the management rule, the rule is not triggered.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. In the affected block, click the **Add a condition** button (+).
4. Select a criterion from the scrolling list.



5. Select a logical operator:

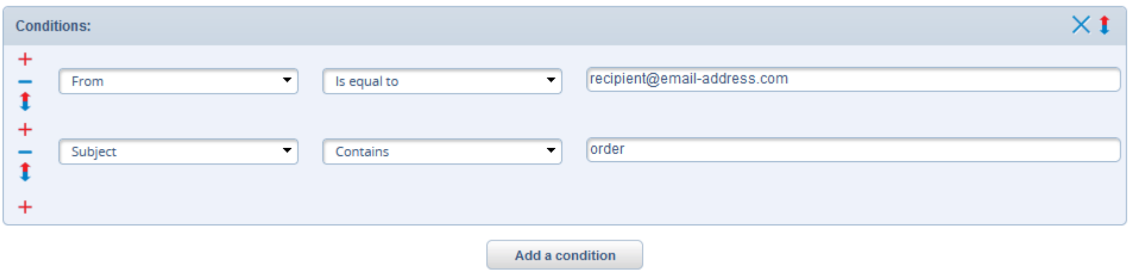
   Is equal to: the value of the criterion must be strictly identical to the value entered in the free field.

   Is different from: the value of the criterion must be strictly different (to the nearest character) from the value entered in the free field.

   Contains: the value of the criterion must be contained in the character string entered in the free field.

   Warning: ALE Connect is case sensitive when checking the value entered.

6. Enter the value of the criterion that the condition should check.
7. Repeat steps 3 to 6 to add another condition in the same block.



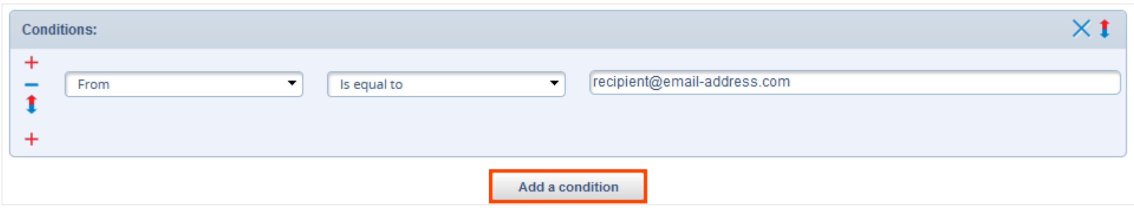
8. Click the **OK** button to save your entry.

   The management rule is successfully updated.

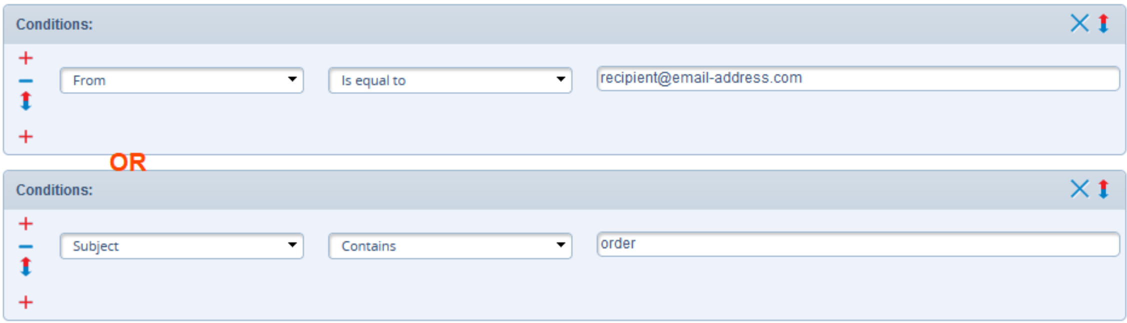
3.1.5.3 Adding a condition block

The advantage of managing several blocks is that **only one of them needs to be checked to execute the management rule**: indeed, the condition blocks are linked by OR (each block can contain one or several conditions). This setup is therefore very useful when you have to manage several cases resulting in the same action to be executed.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. Click the **Add a condition** button.



4. In the new block, fill in a criterion, a logical operator and the value that the condition should check.



5. If necessary, add other desired conditions.
6. Click the **OK** button to save your entry.

   The management rule is successfully updated.

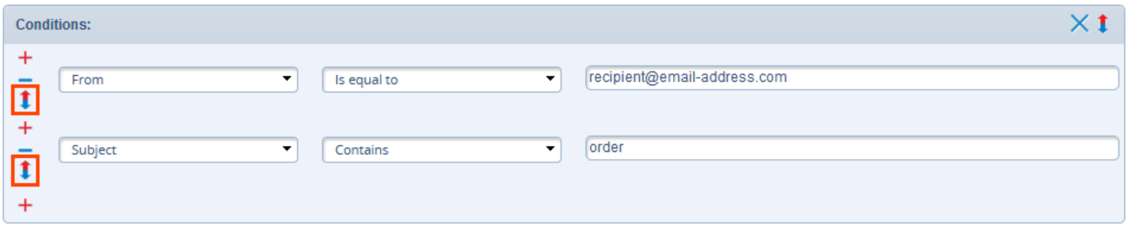
3.1.5.4 Ordering the conditions

By default, conditions and condition blocks are executed in the order in which they were added. If this does not suit you, you can reorder them.

Within a same block

A specific button allows you to move any condition in the block to the top of the list.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. Click the **Switch this condition with another one** button ( ) for the condition to be moved to the top of the list.

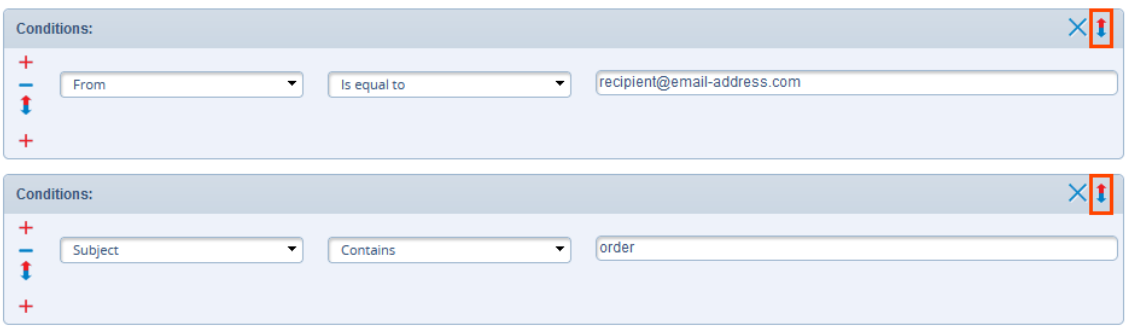


4. Click **OK** to save.

   The management rule is successfully updated.

Between blocks

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. Click the **Switch this condition block with another one** button ( ) to move the block in the list.



4. Click **OK** to save.

   The management rule is successfully updated.

3.1.5.5 Deleting a condition

It is advised to anticipate the possible impact on a management rule when deleting a condition. It may be necessary to reorganise the conditions. The deletion is immediate and is not subject to confirmation.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. Click the corresponding **Delete this condition** button (−).
4. Click **OK** to save.

   The management rule is successfully updated.

3.1.5.6 Deleting a condition block

It is advised to anticipate the possible impact on a management rule when deleting a condition block. It may be necessary to reorganise the blocks. The deletion is immediate and is not subject to confirmation.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. Click the **Delete this condition block** button (×) of the affected block.
4. Click **OK** to save.

   The management rule is successfully updated.

3.1.6 Executable actions

A management rule must contain at least one action to be executed. It is systematically triggered as soon as the triggering conditions are met. You can add as many actions as necessary.

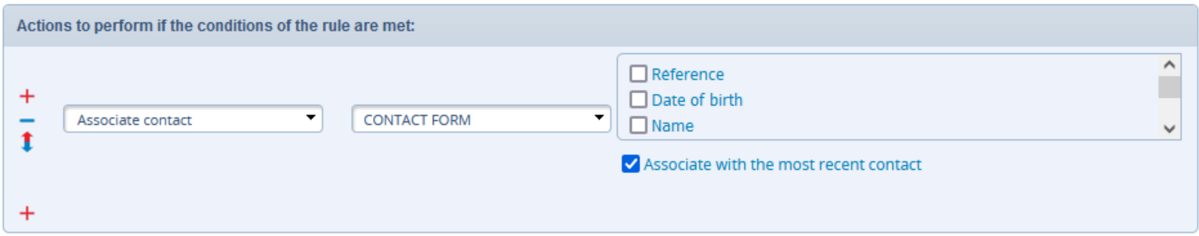
3.1.6.1 Available actions

They are ordered as they appear in the scrolling list when selected.

Check the form	Retrieves the values of a form to choose.
Associate contact	See description below
Qualification	Assigns to the folder the qualification criteria to be checked.
Send AOR	Generates an acknowledgement of receipt for which the subject and message body must be defined when the option is selected. **Warning:** the acknowledgement of receipt of a management rule has priority over those defined for a routing rule or a queue.
Invalid email	Declares the email as invalid (e.g. contains a special character). The email is then displayed in the agent's list of folders in bold red type.
Script	Executes a previously created script to be selected when the option is selected.

3.1.6.2 Particularities of the "Associate contact" action

This action automatically associates each incoming email with a contact sheet, by using the structured data from the email. It implies that the information extracted by the Check form action must be used to find the corresponding contact sheet. Indeed, the purpose is to automatically create a contact sheet from the form data structuring the email received, when the contact does not exist. Therefore, when you select this action, you must choose a form to use. If none exists, it is not possible to automatically associate a contact with the email when routing.



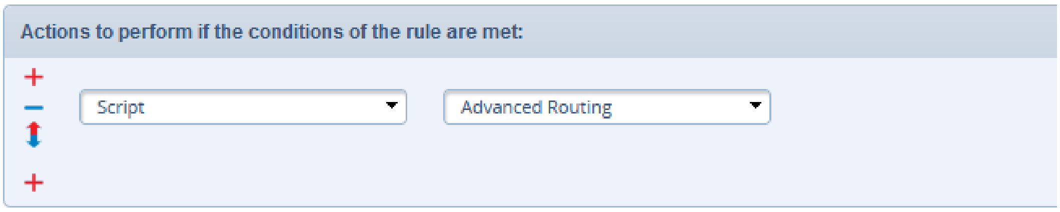
When ALE Connect processes the email, three cases can happen:

- **No matching contact sheets in the system**: the association is performed on the email address. If there is no matching email address, a new contact is automatically created.
- **There is only one contact sheet**: ID of the only contact found is used to associate the incoming email with the matching contact sheet.
- **There are several contact sheets that match**: the incoming email is associated by default with the most recent or the oldest contact, according to the option checked.

3.1.6.3 Adding an action

It is possible to add an action to a management rule at any time, even if it is already active. In that case, the modification is taken into account as soon as you validate the changes.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. Click the **Add** button (+) in the **Actions to perform if the conditions of the rule are met** block.
4. Select the action to execute from the scrolling list.
5. Enter the value to be checked (depends on the chosen action).



6. Repeat steps 3 to 5 to add another action to be performed.

   You can click the **Add** button (+) **above** or **below** an existing action, according to the sorting order you want. In case of errors, it will always be possible to reorder the list later.

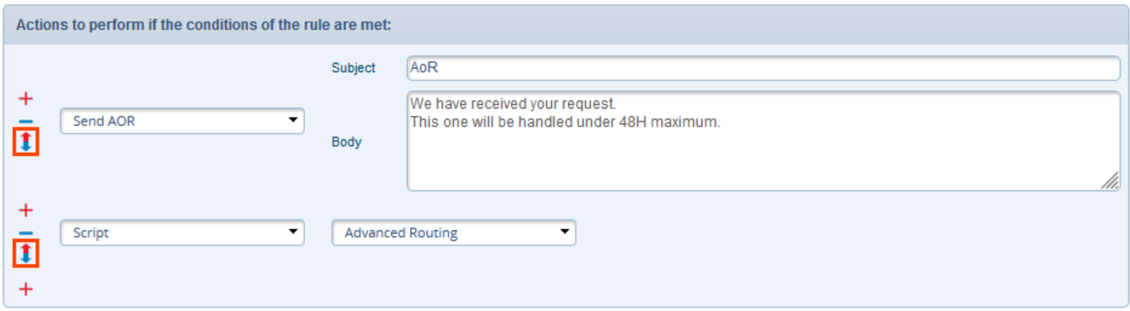
7. Click **OK** to save the entry.

   The management rule is successfully updated.

3.1.6.4 Ordering the actions

A management rule can contain several actions that are executed by default in the order in which they were added. If it does not suit you, you can reorder them. To this end, a specific button allows you to move any action to the top of the list.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. Click the **Switch this action with another one** button ( ) to move the action in the list.



4. Click **OK** to save.

   The management rule is successfully updated.

3.1.6.5 Deleting an action

It is advised to anticipate the possible impact on a management rule when deleting an action. The deletion is immediate and is not subject to confirmation.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. Click the **Delete** button ( ) of the affected action.
4. Click **OK** to save.

   The management rule is successfully updated.

3.1.7 Activating a management rule

Creating a rule is not enough: it must be applied to the business unit to be taken into account by the routing engine. An active rule is displayed in the interface with a darker colour.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Check, from the list, the management rules to activate.
3. Click the **Apply the selected rules** button located at the bottom of the screen.

   ALE Connect confirms the success of the action.

3.1.8 Modifying a management rule

It is possible to view or modify a management rule at any time, even if it is already active.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the management rule to modify.
3. Perform the changes you wish.
4. Click the **OK** button to save your entry.

   ALE Connect confirms the success of the action.

3.1.9 Duplicating a management rule

This action is possible at any time, even if the management rule is already active. This procedure is useful since it allows you to quickly create a rule by copying an existing one. ALE Connect then adds the new rule to the list, by naming it **(Copy)...**

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the **Copy** icon () of the management rule to be duplicated.

   ALE Connect immediately adds the new rule to the list, in last position.

3.1.10 Deactivating a management rule

Any deactivated rule is no longer applied to the business unit affected.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Check, from the list, the management rule to deactivate.
3. Click the **Deactivate the selected rules** button located at the bottom of the screen.

   ALE Connect confirms the success of the action.

3.1.11 Deleting a management rule

When you delete a rule, ALE Connect automatically reorders the remaining rules. Note that the deletion can be performed for one or several rules of your choice.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Check, from the list, the management rules to delete.
3. Click the **Delete** button ( ) or the one located at the bottom of the screen.

   ALE Connect asks you to confirm this action.
4. Click **Yes**.

   The rule is permanently deleted and the list is automatically reordered.

3.1.12 Ordering the management rules

When several rules have been defined, they must be ordered to determine their execution order. By default, any new rule is added in last position of the list.

Warning: if the order of the management rules is changed, it is necessary to reapply at least one of the rules by clicking the **Apply the selected rules** button in order to take the modification into account. Otherwise, the former order will continue to be used.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Click the **Move this rule** button ( ) while holding down the left mouse button, and then drag it to the desired rank in the list.
3. Click the **Apply the selected rules** button.

3.1.13 Exporting the management rules

It is possible to export the content of the management rules of your choice, in a **GestionRulesExport.csv** file. The exported data are: type of rule (management or routing), name, comment and status.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Management Rules**.
2. Check, from the list, the management rules to export.
3. Click the **Export rules** button.

   A window suggests you to open the file with a spreadsheet program (Microsoft Excel™ for example) or to save it on your computer.
4. Check the desired option, then click **OK**: ALE Connect generates the export file.

   You can now retrieve it and use the data it contains.

3.2 Routing rules

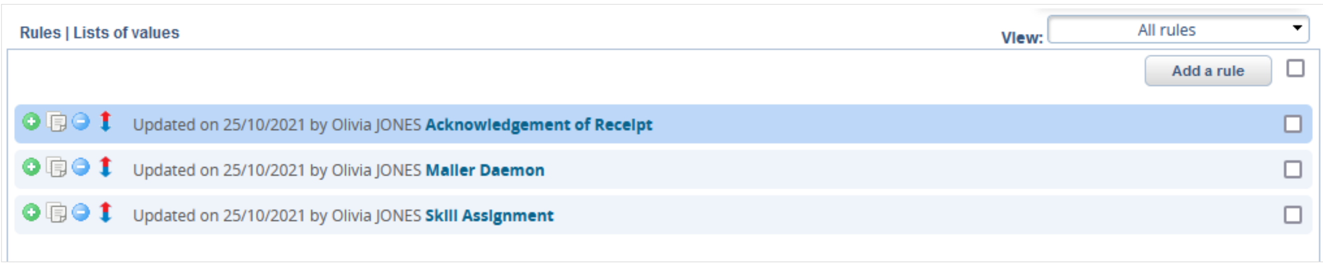
This functionality allows you to create and manage the routing rules of incoming emails, for the selected business unit. This setup is performed in the same way as the management rules: the screens are therefore very similar.

However, there are important functional differences:

- The routing rules are always **executed after the management rules.**
- The **conditions and actions** available for a routing rule **are not the same** as those for management rules.
- As soon as the conditions of a routing rule are met, it is executed **but the following routing rules will NOT be executed** (unlike management rules).

3.2.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Business Units** > **Rule Management > Routing Rules** menu. When opening the menu, ALE Connect displays by default all the routing rules:



They are classified in an arbitrary order defined by the user. You can view for each of them:

- available actions (represented by icons),
- date of last update,
- name of the user who performed the action,
- name of the routing rule, in bold.

3.2.2 From the home screen

Creating a routing rule

Duplicating an existing routing rule

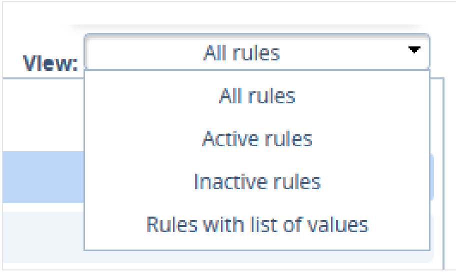
Deleting an existing routing rule

Ordering the routing rules

3.2.3 Filtering the routing rules

By default, the home screen displays the list of all existing routing rules. However, you can filter the list to view only some of them.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.



2. In the **View** field above the list, select the type of rules to display:

   Active rules: only display the routing rules currently in production for the business unit.

   Inactive rules: only display the routing rules that are not in production (not applied).

   Rules with lists of values: only display the routing rules that use lists of values.

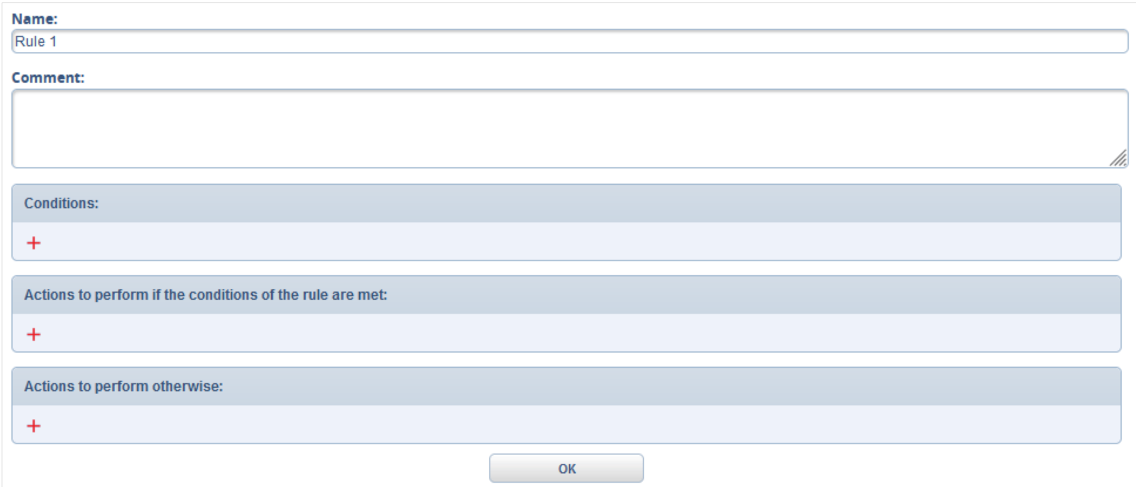
   The list is immediately filtered.

3.2.4 Creating a routing rule

A routing rule defines the conditions under which it is triggered and the actions to be performed, whether the conditions are met or not. Before starting, it is recommended to have created the forms and scripts that can be used during the setup.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click **Add a rule** button (or the icon of an existing routing rule).

   ALE Connect adds a new rule to the list, in last position. By default, the name is **Rule N**.
3. Click the rule just added.



4. Enter a **name** that clearly identifies the routing rule.

   By default, this is **Rule N**; N being a number that is automatically incremented with each addition.
5. Enter a **comment** to describe the purpose of the rule being created.

   It is recommended to fill in it to distinguish the rules in the menu. Indeed, this comment appears in a tooltip when you move the mouse cursor over the block.
6. Set up the triggering conditions of the routing rule.
7. Define the actions to be performed (whether the conditions are met or not).
8. Click **OK** to create the rule.

3.2.5 Triggering conditions

They allow to trigger a routing rule - or not - according to some criteria to be configured. To this end, a condition tests the value of a criterion. They are not mandatory: in that case, the routing rule is systematically applied to all incoming emails for the affected business unit.

The setup of conditions can be more or less complex according to the need: one block with one single condition, one block with several conditions, or several condition blocks.

3.2.5.1 Available criteria

You will find below a list of all the criteria that the conditions can test. They are ordered as they appear on the screen in the scrolling list, when selected.

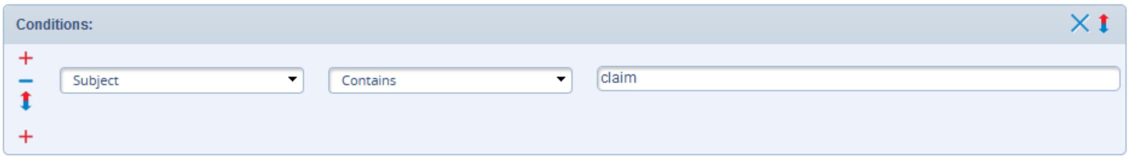
From	Address of the sender of the email.
To	Address of the recipient of the email.
CC	Address of the recipient copied in the email.
Subject	Content of the email subject. When an email arrives, the routing engine formats the Subject field by automatically removing all FW: and RE: prefixes for better reading. If the subject contains only one prefix, then the routing engine sets the default value to "----".
Body	Content of the email body.
Language	Language of the email.
Skill	Skill identified when the email arrives in the system.
Spam level	Level of spam determined by the spam filter when the email arrives.
Forms	Value of a form field to choose.

3.2.5.2 Adding a condition

This procedure explains you how to add a condition within a block, whether it is empty or not. The block then forms a set of conditions to be tested: **the routing rule is only triggered if all the conditions of the block are checked.** Indeed, when there are several conditions, they are automatically linked by AND (transparently). You can add a condition at any time, even if the routing rule is already active. In that case, the modification will be taken into account as soon as you validate your changes.

Warning: if only one condition of the block is not met, the whole block is not checked. If it is the only condition block of the routing rule, the rule is not triggered.

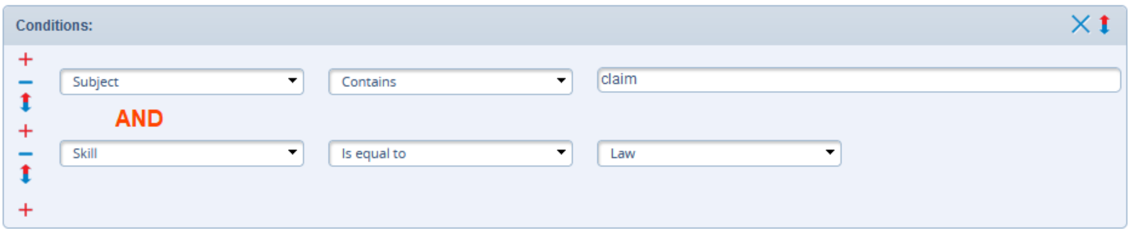
1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the routing rule to modify.
3. In the affected block, click the **Add a condition** button (+).
4. Select a criterion from the scrolling list.



5. Select a logical operator:

   Is equal to: the value of the criterion must be strictly identical to the value entered in the free field.
   Is different from: the value of the criterion must be strictly different (to the nearest character) from the value entered in the free field.
   Contains: the value of the criterion must be contained in the character string entered in the free field.
   List element: the value of the criterion must be included in the selected list of values.
6. Enter the value of the criterion that the condition should check.

   Examples: Skill is equal to Troubleshooting, Subject contains Claim, etc.
7. Repeat steps 3 to 6 to add another condition in the same block.

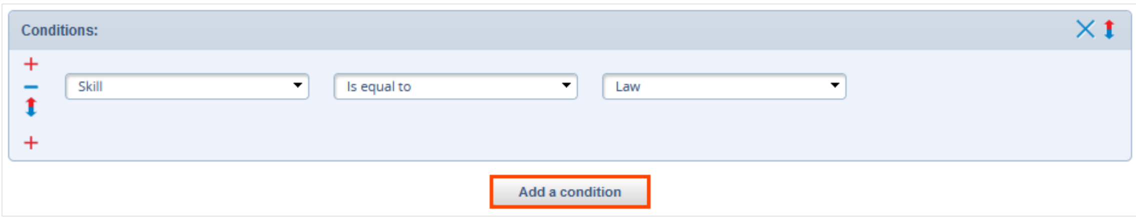


8. Click the **OK** button to save your entry. The routing rule is successfully updated.

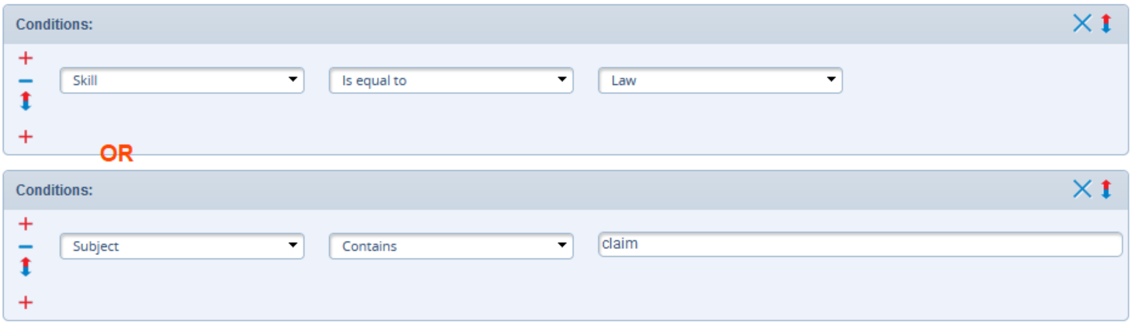
3.2.5.3 Adding a condition block

The advantage of managing several blocks is that **only one of them needs to be checked to execute the routing rule**: indeed, the condition blocks are linked by OR (each block can contain one or several conditions). This setup is therefore very useful when you have to manage several cases resulting in the same action to be executed.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the routing rule to modify.
3. Click the **Add a condition** button.



4. In the new block, fill in a criterion, a logical operator and the value that the condition should check.



5. If necessary, add other desired conditions.
6. Click **OK** to save your entry.

   The routing rule is successfully updated.

3.2.5.4 Ordering the conditions

By default, conditions and condition blocks are executed in the order in which they were added. If it does not suit you, you can reorder them.

Within a same block

A specific button allows you to move any condition in the block to the top of the list.

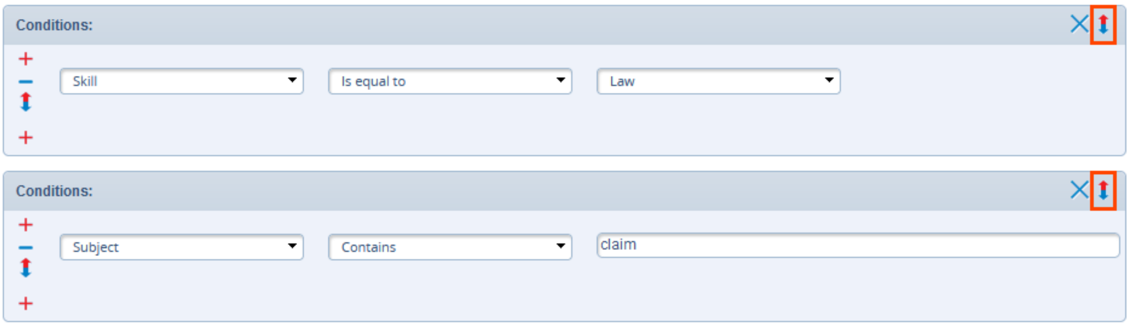
1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the routing rule to modify.
3. Click the **Switch this condition with another one** button ( ) for the condition to be moved to the top of the list.

4. Click **OK** to save.

   The routing rule is successfully updated.

Between blocks

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the routing rule to modify.
3. Click the **Switch this condition block with another one** button ( ) to move the block in the list.



4. Click **OK** to save.

   The routing rule is successfully updated.

3.2.5.5 Deleting a condition

It is advised to anticipate the possible impact on a routing rule when deleting a condition. It may be necessary to reorganise the conditions. The deletion is immediate and is not subject to confirmation.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the routing rule to modify.
3. Click the corresponding **Delete this condition** button ( ).
4. Click **OK** to save.

   The routing rule is successfully updated.

3.2.5.6 Deleting a condition block

It is advised to anticipate the possible impact on a routing rule when deleting a condition block. It may be necessary to reorganise the blocks. The deletion is immediate and is not subject to confirmation.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the routing rule to modify.
3. Click the **Delete this condition block** button ( ) of the affected block.
4. Click **OK** to save. The routing rule is successfully updated.

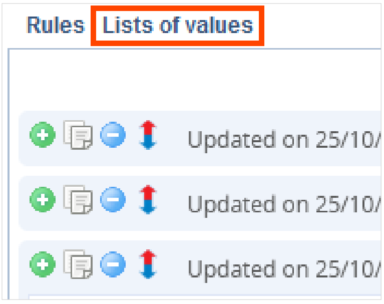
3.2.6 Lists of values

This functionality allows you to manage customised lists of values, which can be used by the conditions of routing rules. Usually, the list groups together a set of values of the same nature (e.g. type of customer, postcodes, etc.). It must be previously created in a text file (.txt) where each value is delimited by a carriage return. The file will then be imported into the software.

3.2.6.1 Viewing the lists of values

All lists of values that are (or have been) used in the conditions of a routing rule are accessible from the routing rules home screen by clicking the affected tab.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the **Lists of values** tab.



3. ALE Connect displays the lists of available values:

List

	ID	Name	Number of uses of the variable	Rules using this element
	4	Postcodes	1	

You can view for each of them its ID, its name, the number of times it is used and the number of routing rules using it.

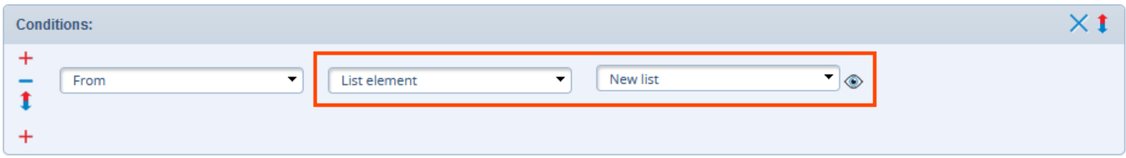
3.2.6.2 Creating a list of values

The creation consists in importing a text file containing the values. It must therefore be ready to use and correctly structured: it is advised to check beforehand that each value is followed by a carriage return.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the <u>routing rule</u> to set up.
3. In the <u>conditions</u>, select a triggering criterion.

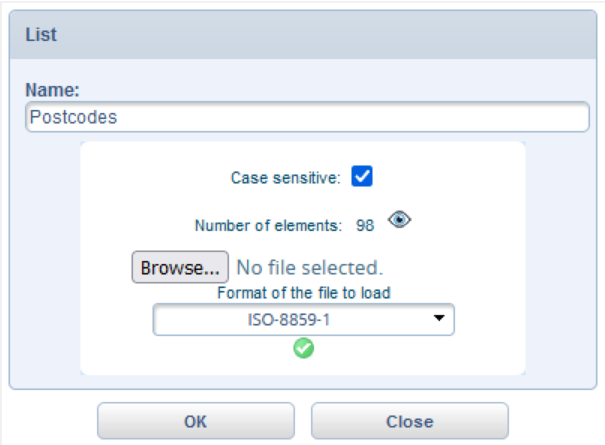
   You can either add a new condition, or change the criterion of an existing condition (depending on what you wish to set up).
4. Select the **List element** operator.

   Warning: this operator is not available for all triggering criteria.



5. Select the **New List** option.
6. Click the **View** button ( ) located on the right of the field.
7. Enter a name without spaces, that clearly identifies the list of values (the default name is List).
8. Check the **Case sensitive** option so that the values are case sensitive when the rule is executed.
9. Click the **OK** button.
10. Click **Browse** and select the corresponding text file.
11. Select the file format to be loaded: ISO-8859-1 or UTF-8.
12. Click **OK** ( ).

The file is imported and the number of values in the list is indicated in the window:



You can click to view the values of the list.

13. Click the **Close** button.

3.2.6.3 Modifying a list of values

The modification involves re-importing a new file: all the former values in the list will be deleted and replaced by the new values.

Warning: the new import deletes and replaces all existing values.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the **Lists of values** tab.
3. Click the **name** of the list to modify.
4. If necessary, check the **Case sensitive** option so that the values are case sensitive when the rule is executed.
5. Click **Browse** and select the corresponding text file.
6. Select the file format to be loaded: ISO-8859-1 or UTF-8.
7. Click **OK** ( ).

   The import is performed: the number of elements in the list is updated.
8. Click the **Close** button.

3.2.6.4 Deleting a list of values

This action is only available if the list of values is not used by a routing rule. Otherwise, the Delete button is hidden.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the **Lists of values** tab.
3. Click the **Delete** button (✕).

   ALE Connect deletes the list of values: it is removed from the list.

3.2.7 Executable actions

When setting up a routing rule, you must choose at least one action to execute. This action is systematically triggered unless conditions have been set up: in that case, the action is executed only when these conditions are met. You can add as many actions as necessary.

Warning: regarding the routing of incoming emails in ALE Connect, if a sender's email address (From field) is not correctly formatted, the action will not be executed.

3.2.7.1 Available actions

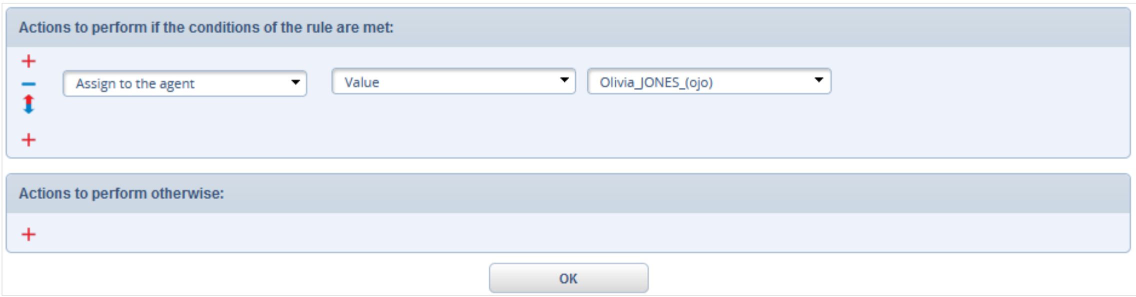
They are ordered as they appear in the scrolling list when selected.

Recycle bin	Moves directly the message to the recycle bin, without assigning an agent.
Close	Closes the message. The folder changes to the Closed status.
Archive	Archives the message. The folder changes to the Archived status.
Invalid email	Declares the email as invalid (e.g. contains a special character). The email is then displayed in the list of folders in bold red type.
Set the priority to	Sets the priority of incoming messages to the value selected in the scrolling list.
Freeze the priority	Obsolete functionality (do not use).
Assign to the queue	Routes the message to a queue to be selected. If a skill is assigned by default to the queue in question, it will be automatically assigned to the message when routing.
Qualification	Assigns to the folder the qualification criteria to be checked.
Assign to the agent	Routes the message to a specific agent to be chosen.
Set the skill to	Assigns to the message a skill to be selected.
Warn	Notifies a third party by sending a message to be defined in the To, From, Subject and Body fields, which are displayed when the option is selected. The person warned does not receive the initial message. **Warning:** the To, From, Subject and Body fields are mandatory and must be filled in.
Routing outwards	Forwards the message to addresses to be set up in the To, Cc, Bcc fields. The folder changes to the Closed (forward) status.
Send AoR	Generates an acknowledgement of receipt for which subject and message body need to be defined. **Warning:** the acknowledgement of receipt of a management rule has priority over those defined for a routing rule or a queue.
Script	Starts the execution of a previously created script to be selected.
Black list	Deletes incoming messages as if they had never existed.

3.2.7.2 Adding an action

It is possible to add an action to a routing rule at any time, even if it is already active. In that case, the modification is taken into account as soon as you validate the changes.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules.**
2. Click the routing rule to modify.
3. Click the **Add** button (+) in the **Actions to perform if the conditions of the rule are met** block. The actions that will be listed will be executed only if the set up conditions are met.
4. Select the action to execute from the scrolling list.
5. Enter the value to be checked (depends on the chosen action).



6. Repeat steps 3 to 5 to add another action to be performed.

   You can click the **Add** button (+) **above** or **below** an existing action, according to the sorting order you want. In case of errors, it will always be possible to reorder the list later.

7. You can add **actions to perform otherwise**. They will only be triggered if the conditions of the routing rule are not met.

   Warning: if you have filled in this block, the routing rule must be placed last in the list so as not to disturb the execution of the other routing rules.

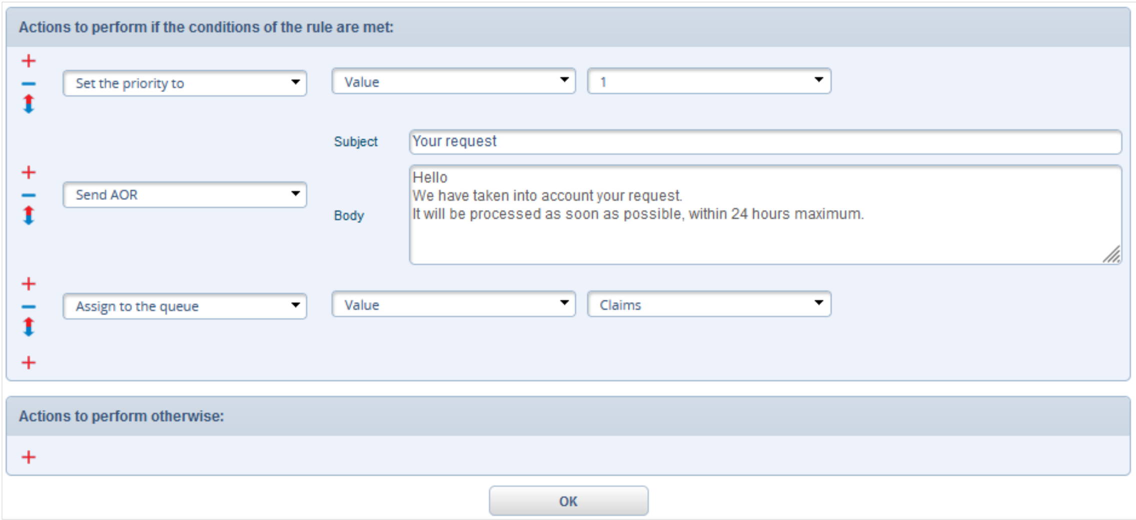
8. Click **OK** to save.

   The routing rule is successfully updated.

3.2.7.3 Ordering the actions

A routing rule can contain several actions that are executed by default in the order in which they were added. If it does not suit you, you can reorder them. To this end, a specific button allows you to move any action to the top of the list.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the routing rule to modify.
3. Click the **Switch this action with another one** button ( ) to move the action in the list.



4. Click **OK** to save.

   The routing rule is successfully updated.

3.2.7.4 Deleting an action

It is advised to anticipate the possible impact on a routing rule when deleting an action. The deletion is immediate and is not subject to confirmation.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the routing rule to modify.
3. Click the **Delete** button ( ) in the block of the affected action.
4. Click **OK** to save.

   The routing rule is successfully updated.

3.2.8 Activating a routing rule

Creating a rule is not enough: it must be applied to the business unit to be taken into account by the routing engine. An active rule is displayed in the interface with a darker colour.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Check, from the list, the routing rule to activate.
3. Click the **Apply the selected rules** button located at the bottom of the screen.

   ALE Connect confirms the success of the action.

3.2.9 Modifying a routing rule

It is possible to view or modify a routing rule at any time, even if it is already active.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the routing rule to modify.
3. Perform the changes you wish.
4. Click the **OK** button to save your entry.

   ALE Connect confirms the success of the action.

3.2.10 Duplicating a routing rule

This action is possible at any time, even if the routing rule is already active. This procedure is useful since it allows you to quickly create a rule by copying an existing one. ALE Connect then adds the new rule to the list, by naming it **(Copy)...**

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the **Copy** icon () from the routing rule to be duplicated.

   ALE Connect immediately adds the new rule to the list, in last position.

3.2.11 Deactivating a routing rule

Any deactivated rule is no longer applied to the business unit affected.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Check, from the list, the routing rule to deactivate.
3. Click the **Deactivate the selected rules** button located at the bottom of the screen.

   ALE Connect confirms the success of the action.

3.2.12 Deleting a routing rule

When you delete a rule, ALE Connect automatically reorders the remaining rules. Note that the deletion can be performed for one or several rules of your choice.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Check, from the list, the routing rule to delete.
3. Click the **Delete** button ( ) or the button at the bottom of the screen.

   ALE Connect asks you to confirm this action.
4. Click **Yes**.

   The rule is permanently deleted and the list is automatically reordered.

3.2.13 Ordering the routing rules

When several rules have been defined, they must be ordered to determine their execution order. By default, any new rule is added in last position of the list.

Warning: if the order of the routing rules is changed, it is necessary to re-apply at least one of the rules by clicking the **Apply the selected rules** button in order to take into account the modification. Otherwise, the former order will continue to be used.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Click the **Move this rule** button ( ) while holding down the left mouse button, and then drag it to the desired rank in the list.
3. Click the **Apply the selected rules** button.

3.2.14 Exporting the routing rules

You can export the content of rules of your choice in a **GestionRulesExport.csv** file. The exported data are: type of rule (management or routing), name, comment and status.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Routing Rules**.
2. Check, from the list, the routing rule to export.
3. Click the **Export rules** button.

   A window suggests you to open the file with a spreadsheet program (Microsoft Excel™ for example) or to save it on your computer.
4. Check the desired option, then click **OK**: ALE Connect generates the export file.

   You can now retrieve it and use the data it contains.

3.3 Scripts

A script is a computer program that describes a sequence of commands or instructions to automate a task. In ALE Connect, you can write scripts that will be used by the management rules and routing rules to route interactions.

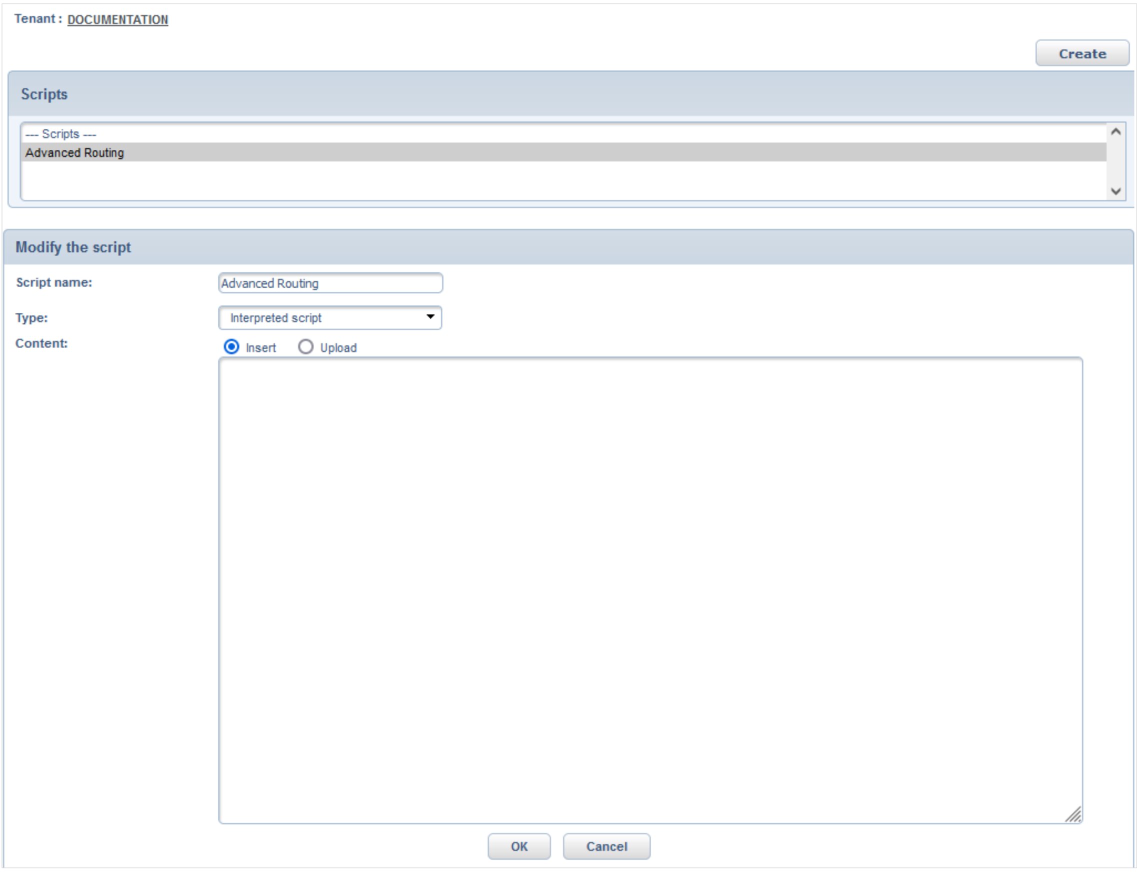
This functionality is dedicated to a technical audience with development skills.

3.3.1 Creating a script

Scripts are always defined at the tenant level: check first that the selected tenant is correct.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Scripts**.
2. Click the **Create** button.

   The following screen is displayed:



3. Enter a **name** that clearly identifies the script. It will appear in the scrolling lists of the corresponding field when creating a management or routing rule.
4. Select, from the suggested list, the **type** of script to create:

   Interpreted script: script programmed in Java language. Specify how you want to enter the Groovy code: typed directly in the content (Insert), or extracted from a text file to be selected (Upload).

   Execute type class: file to execute. Enter the name of the affected class.
5. Click **OK**.

3.3.2 Modifying a script

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Scripts**.
2. From the existing list, select the script to be modified: its content is displayed.
3. Click the **Modify** button.
4. Perform the changes you wish.
5. Click **OK**.

3.3.3 Deleting a script

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Rule Management** > **Scripts**.
2. From the existing list, select the script to delete: its content is displayed.
3. Click the **Move to the Recycle Bin** button.

   The system asks you to confirm the deletion of the script, and displays its characteristics as a reminder.
4. Click **OK**.

4 Knowledge base

The knowledge base is a library of shared elements facilitating the processing of folders by contact centre agents. It is specific to each business unit. Any agent can thus use the database and integrate the documents that are necessary to the daily processing of interactions.

It includes:

- response templates,
- attachments,
- keywords,
- suggestions,
- management of the artificial intelligence engine.

4.1 Response templates

A response template is a pre-formatted written message that agents and supervisors can use during the processing of a folder. Its insertion avoids data entry errors, reduces handling time, and allows frequently asked questions to be answered. Response templates can be used when agents are dealing with an email, chat, Facebook Messenger or Twitter conversation. You can define as many as you need.

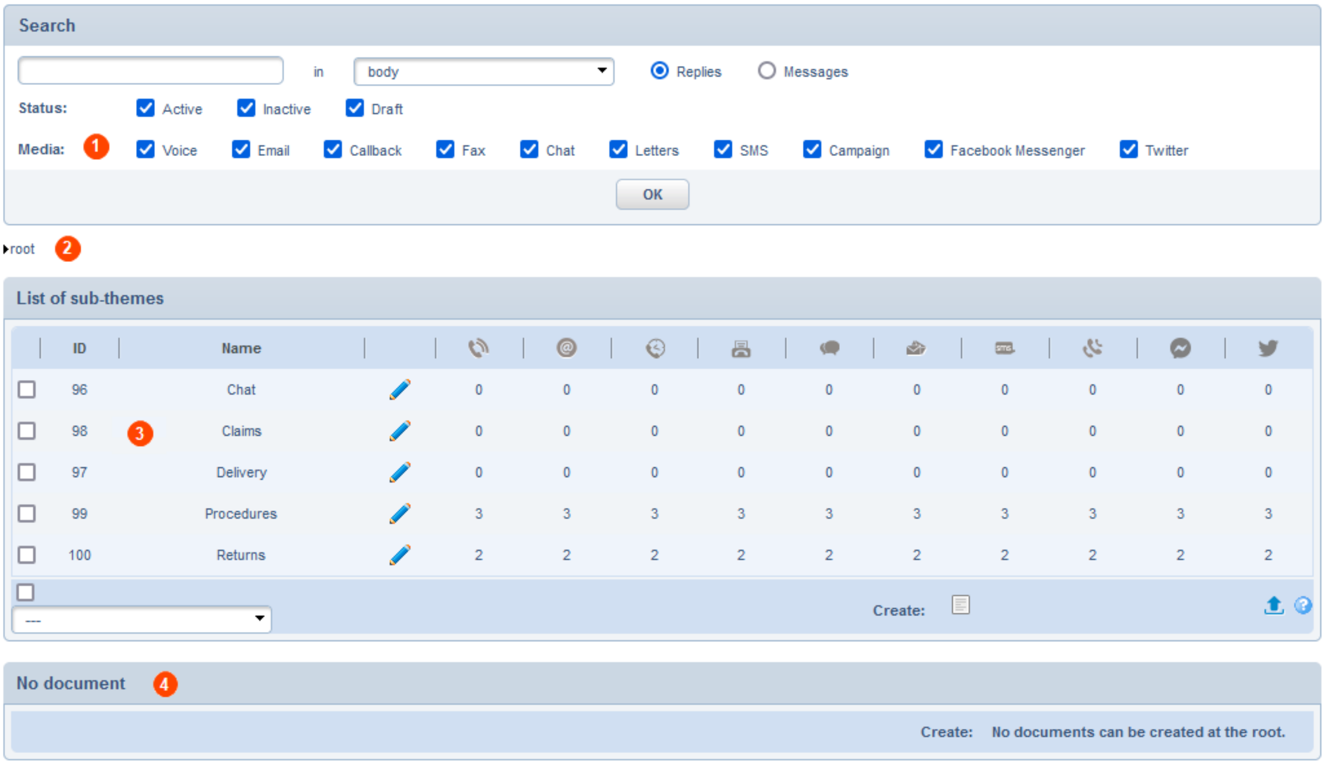
There are two categories of response templates:

- **Reply**: usable in email folders, these response templates provide ready-made texts that can be easily inserted by the agent in response to a request.
- **Message**: usable when processing a chat, Facebook Messenger or Twitter folder, these response templates allow the agent to speed up his/her input thanks to the autocompletion process.

As with all elements of the knowledge base, response templates are defined by business unit: do not forget to select the desired business unit.

4.1.1 Overview

This functionality is available from the menu **Administration** > **Tenants** > **Business Units** > **Knowledge Base > Response Templates.** It allows you to create and manage the response templates of a business unit.



1. Search engine of response templates
2. Tree structure of themes
3. List of themes
4. List of response templates belonging to the selected theme

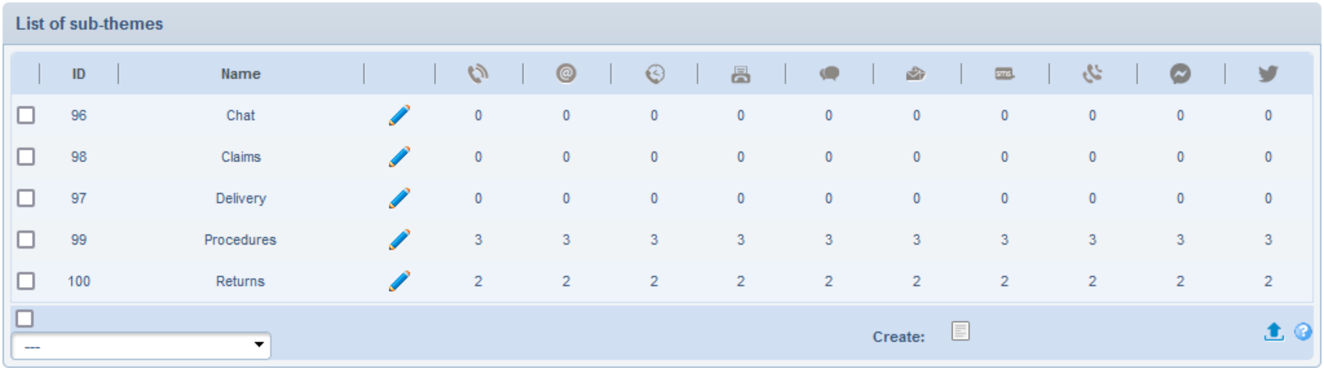
4.1.2 Organising the classification of response templates

Response templates can be many and varied. That is why it is mandatory to classify them by **theme** (directory) in order to find them more easily. These themes are organised according to a tree structure of N levels which must be defined. The first level is the **root**, in which no response template can be stored. The tree structure is represented by a **breadcrumb trail**. This path is dynamic: you can click the desired theme to display its response templates.

From the root, you start to create the different themes you need. Each theme may contain one or more sub-themes. A sub-theme automatically inherits the media allowed to its parent theme (i.e. it is not possible to create a response template for the media not allowed by a theme).

4.1.2.1 List of themes

By default, when arriving at the home screen of the functionality, the list shows all the themes that have been created at the root:



List of sub-themes

	ID	Name											
☐	96	Chat		0	0	0	0	0	0	0	0	0	0
☐	98	Claims		0	0	0	0	0	0	0	0	0	0
☐	97	Delivery		0	0	0	0	0	0	0	0	0	0
☐	99	Procedures		3	3	3	3	3	3	3	3	3	3
☐	100	Returns		2	2	2	2	2	2	2	2	2	2

--- Create:

They are sorted in ascending alphabetical order by name. Nevertheless, it is possible to order the list according to the criterion of your choice, by clicking the header of the corresponding column. For each theme, you can view: its ID, its name, a button allowing you to modify it, the number of response templates it contains for each media.

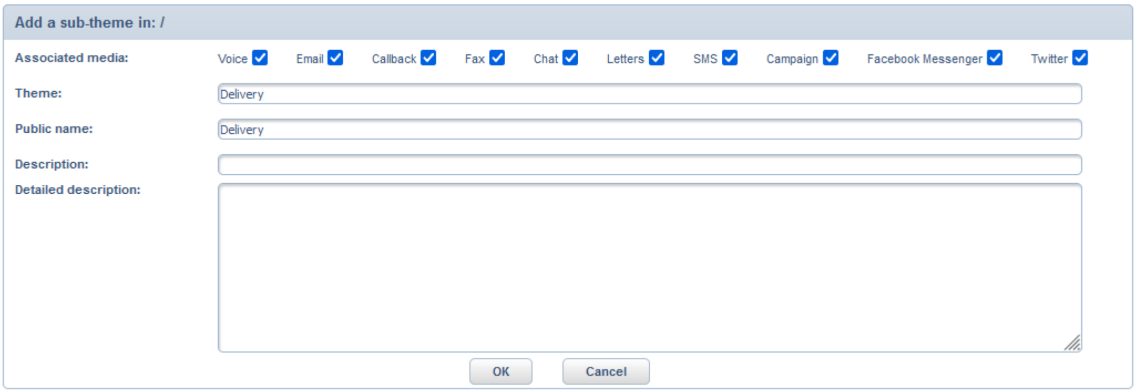
At the bottom of the screen, a line allows you to perform the following actions:

- Create a theme
- Modify a theme
- Copy and paste a theme
- Cut and paste a theme
- Delete a theme

4.1.2.2 Creating a theme

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.

2. Click the **Create** button () in the list of sub-themes.



The title of the window recalls the **parent theme**. In the example above, this is the root.

3. Fill in the following parameters:

Associated media
Check the media associated with the theme being created (all checked by default).

Warning: only the media associated with the parent theme are displayed here. Example: if the theme being created depends on a parent theme that only allows the Voice and Email media, only these two media will be visible.

Theme
Enter a name that clearly identifies the theme. It must be unique in the entire tree structure; two themes cannot have the same name.

Public name
Enter the public name of the theme if it is intended for public use.

Description / Detailed description
Describe the use of the response templates that will be associated with this theme.

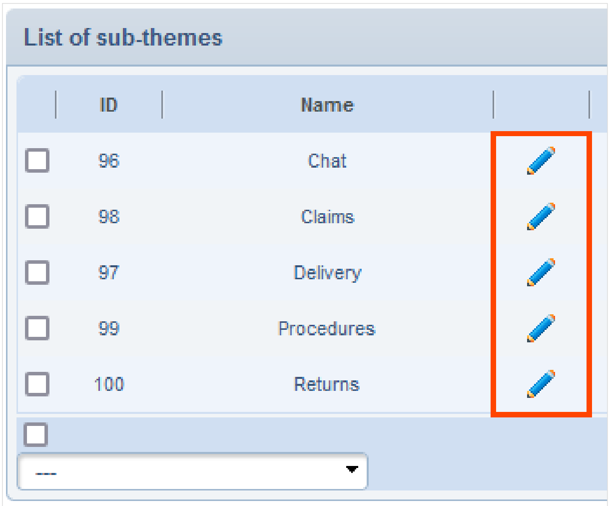
4. Click **OK**.

The new theme is now available.

4.1.2.3 Modifying a theme

This action is possible even if response templates have already been classified in the theme. All the fields can be modified. Please note that if you change the media associated with the theme (e.g. you uncheck the Twitter media), its sub-themes and all corresponding response templates will be automatically updated.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. Navigate through the tree structure until you find the theme you want to change.
3. Click the **Modify** button () of the affected theme.



4. Modify the desired characteristics.
5. Click **OK**.

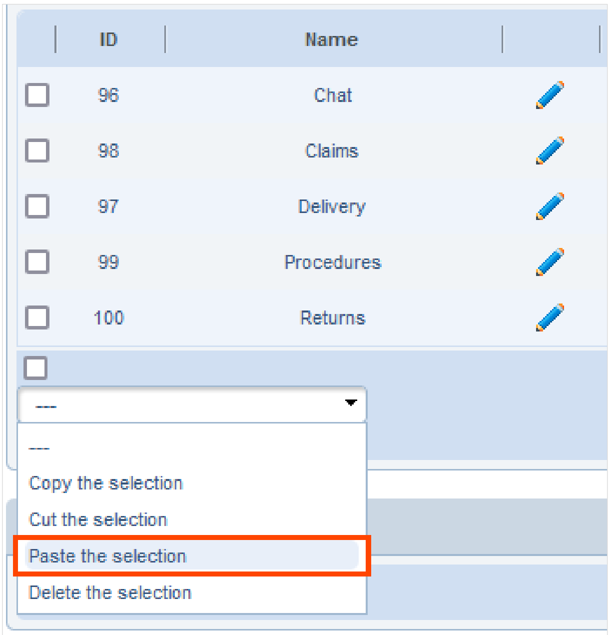
4.1.2.4 Copying and pasting a theme

To go faster, you can create one (or more) theme by copying one (or more) existing theme. All the response templates from the copied theme will also be pasted into the new theme. This convenient method actually allows you to quickly duplicate response templates, to adapt them to another working context.

Copy-paste can be performed at any level of the tree structure.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. Navigate through the tree structure until you find the affected theme.
3. Check the theme to copy.
4. Select the **Copy the selection** action from the scrolling list.

   The screen is changed:

   The **Preview the clipboard** button ( ) allows you to check the selected theme(s).

   The **Empty the clipboard** button ( ) clears your selection and cancels the copy.
5. Navigate through the tree structure and click the name of the recipient theme.
6. Select the **Paste the selection** action.

   ALE Connect asks you to confirm the copy.
7. Click **OK** ( ).

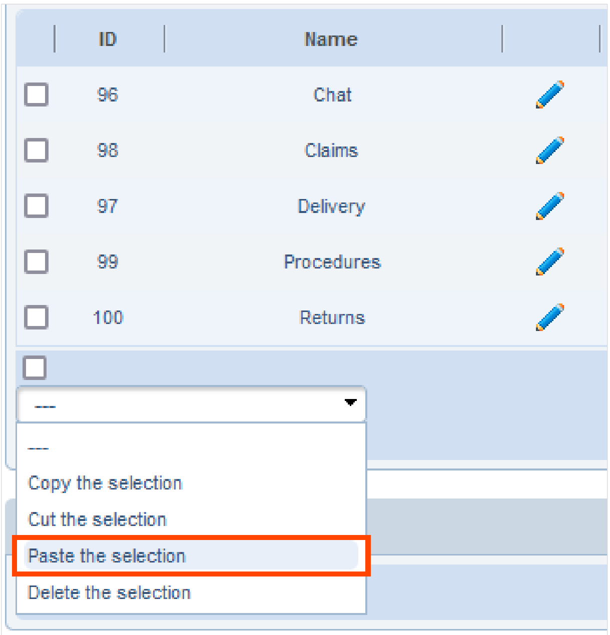
   The new theme is added to the list.

4.1.2.5 *Cutting and pasting a theme*

Unlike copy and paste, this action allows you to move a theme and all its elements, without duplicating it, to another level of the tree structure. It will therefore no longer be stored at its original location, but only at its destination. Cut and paste can be performed at any level of the tree structure.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. Navigate through the tree structure until you find the affected theme.
3. Check the theme to be moved.
4. Select the **Cut the selection** action from the scrolling list.

   The screen is changed:

   The **Preview the clipboard** button ( ) allows you to check the selected theme(s).

   The **Empty the clipboard** button ( ) clears your selection and cancels the move.
5. Navigate through the tree structure and click the name of the recipient theme.
6. Select the **Paste the selection** action.

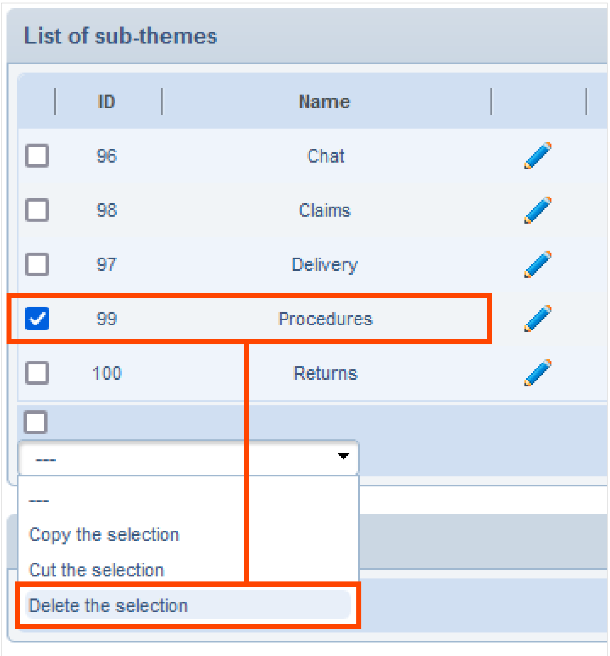
   ALE Connect asks you to confirm the move to the chosen theme.
7. Click **OK** ( ).

   The theme is moved.

4.1.2.6 Deleting a theme

It is possible to delete one or several existing themes, even if they contain response templates. All the elements of the theme will be permanently deleted.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. Navigate through the tree structure until you find the affected theme.
3. Check the theme to delete.
4. Select the **Delete the selection** action from the scrolling list.



ALE Connect asks you to confirm the deletion of the selected themes.

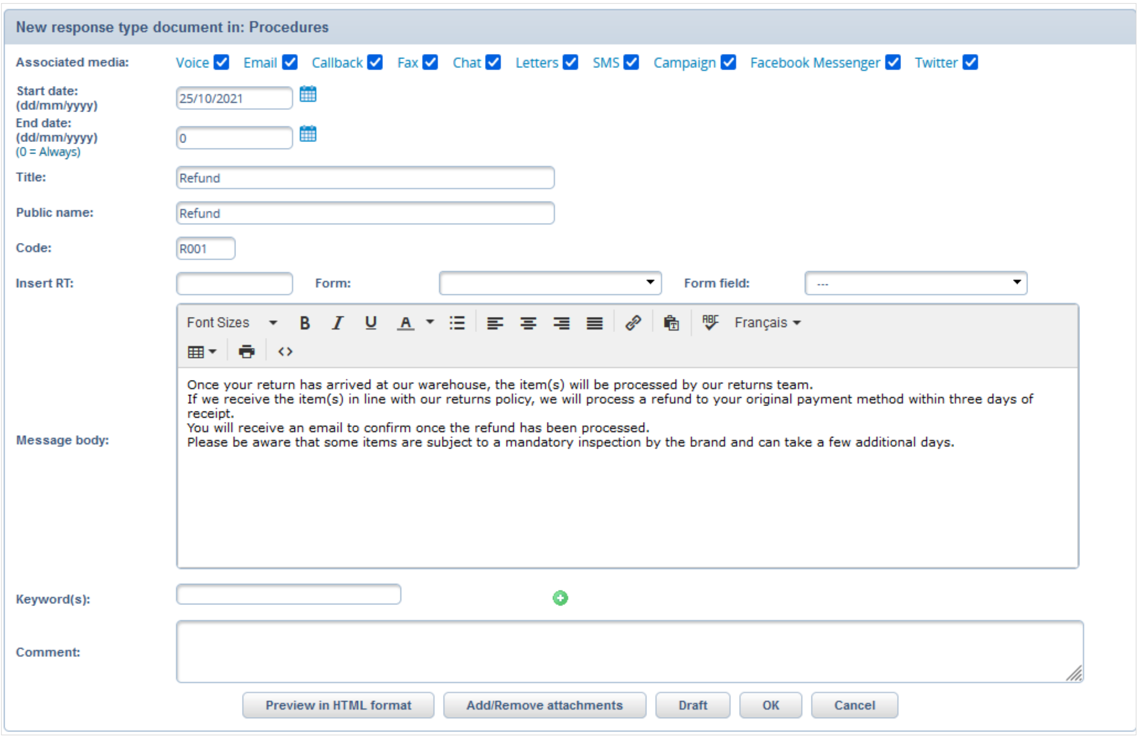
5. Click **OK** ( ).

The theme and all the elements it contained are permanently deleted.

4.1.3 Creating a “Reply” response template

This is a standard pre-formatted text that agents and supervisors can use when processing a folder (e.g. reply to an email, comment, etc.). The text is intended to answer a question frequently asked to the contact centre. The insertion of the response template is triggered by entering a call code.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. Click the **name of the theme** affected.
3. Click the **Response** button () in the list of documents.



4. Fill in the following parameters:

Associated media
Check the media for which the response template can be used (all by default).

Start date
Enter the start date of the response template in dd/mm/yyyy format. By default, this is the current date.

End date
Enter the end date of the response template in dd/mm/yyyy format. The 0 value, set by default, means that the response template is valid indefinitely.

Warning: beyond the validity period, the response template is inactive and does not appear in the agent interface.

Title
Enter the title of the response template, as it will be displayed on the agent interface.

Public name
Parameter obsolete.

Code
It allows agents to call the response template. Enter a unique code of 6 alphanumeric characters maximum, identifying the response template. If this field is not filled in, a code will be automatically assigned by ALE Connect (can be changed). If the entered code already exists, ALE Connect will assign another code.

Insert RT
This field helps you to create a response template more quickly by retrieving the text of an existing one: enter the code of the response template, so that its content is automatically inserted into the body of the message. All you have to do is adapt the text.

Form / Form field
A merge field is information from a form. You can insert them into the body of the response template: they will be replaced when processing a folder by the actual values entered by the contact from the form. Select the form, and then the affected field. The field is added immediately at the cursor position in the message body. A merge field corresponds to the name of the form field, preceded and followed by three hash characters (###).

Example: the form contains the Title, First name and Last name fields.

```
Hello ###CLI.CIVILITE### ###CLI.PRENOM### ###CLI.NOM###,
```

Result:

```
Hello Mrs Mary Smith,
```

See the available merge fields

Message body
Define the text of the response template, using the formatting options. You can customise it by inserting fields regarding the contact, agent or the folder being processed. To this end, select a merge field from the previously selected form: it will be inserted into the body of the message. The merge fields will automatically be replaced by the actual values from the form. If an error occurs, it is possible to delete the entire message body by clicking the corresponding button.

Keyword(s)
Add keywords that will allow the agent to quickly search this response template. Enter the corresponding character string. At the 5th character entered, the keyword is automatically suggested. Click **Add** () to associate it with the response template.

Comment
This field allows you to provide additional information.

5. Click the button:

   OK to save the response template.

   Draft to save the response template as a draft (you can modify it later).

   Add/Remove attachments to attach documents to the response template (e.g. registration form). Attachments must be imported into the ALE Connect platform beforehand.

4.1.4 Creating a "Message" response template

It can only be used to process Chat, Facebook Messenger or Twitter folders. This type of response allows the agent to speed up his/her input through the autocompletion process.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. Click the **name of the theme** for which you want to create a response template.
3. Click the **Message** button () in the list of documents.
4. Fill in the parameters of the response template.
5. Click the button:

   OK to save the response template**.**

   Draft to save the response template as a draft (you can modify it later).

   Add/Remove attachments to attach documents to the response template (e.g. registration form). Attachments must be imported into the ALE Connect platform beforehand.

4.1.5 Inserting merge fields

The available fields are:

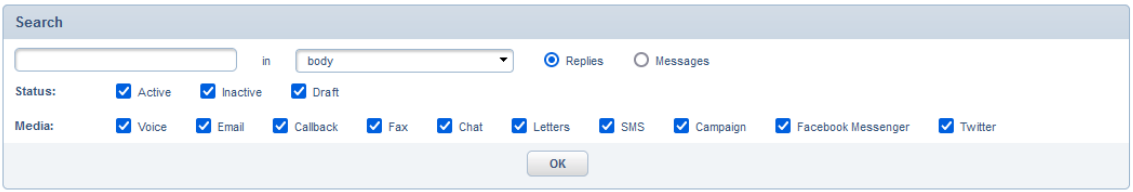
Table	Column	Variable
Contact sheet	First name	CLI.PRENOM
Contact sheet	Last name	CLI.NOM
Contact sheet	Title	CLI.CIVILITE
Contact sheet	Date of birth	CLI.DATE ANNIVERSAIRE
Contact sheet	Verbatim	CLI.VERBATIM
Contact sheet	Company	CLI.SOCIETE
Contact sheet	Street number	CLI.NUMERO DE RUE
Contact sheet	Street name	CLI.NOM RUE
Contact sheet	Building	CLI.IMMEUBLE
Contact sheet	Postcode	CLI.CODE POSTAL
Contact sheet	City	CLI.VILLE
Contact sheet	Comment	CLI.COMMENTAIRE CLIENT
Contact sheet	Phone number	CLI.TELEPHONE
Contact sheet	Mobile phone	CLI.MOBILE
Contact sheet	Reference	CLI.REFERENCE
Contact sheet	Country	CLI.PAYS
Contact sheet	Locality or residence	CLI.LIEU DIT
Agents	Title	OPE.CIVILITE
Agents	First name	OPE.PRENOM
Agents	Last name	OPE.NOM
Agents	Phone number	OPE.TELEPHONE
Agents	Address	OPE.ADRESSE
Agents	City	OPE.VILLE

Table	Column	Variable
Agents	Login	OPE.LOGIN
Agents	Email	OPE.EMAIL
Folder	Folder No.	thread_id
Folder	Creation date	date_creation
Folder	Subject	subject
Folder	Date of incoming message	incoming_mail_date
Folder	Body of incoming message	incoming_mail_body

4.1.6 Searching response templates

The search engine allows you to find the response templates you need, without having to navigate through the tree structure of themes.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.



2. In the **Search** area, enter the following criteria:

   Entry area / in
   Enter a character string to search. You can use the **AND** and **OR** logical operators between words to refine your search. Then select the field in which the string should be searched: body of response templates, title or comment.

   Replies / Messages
   Check the type of response templates to search.

   Status
   Check the statuses of the response templates to search: active, inactive and/or draft. At least one status must be checked.

   Media
   Check the media associated with the response templates to search. At least one media must be checked.

3. Click **OK**.

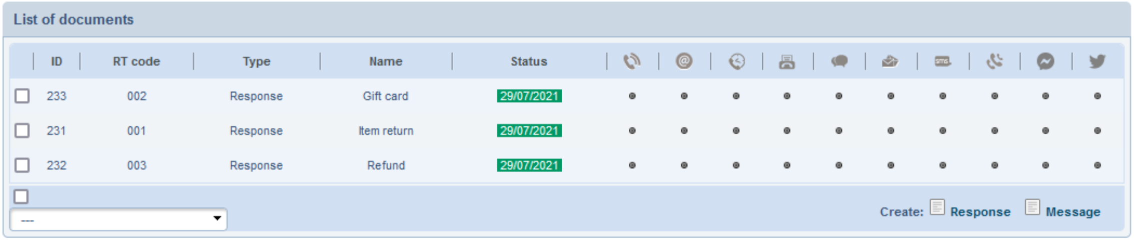
   ALE Connect displays the response templates that match the search in the **list of documents** at the bottom of the screen.

4.1.7 Displaying the list of response templates

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.

2. Perform a search or click the desired theme.

   ALE Connect displays the response templates that match the search in the **list of documents** at the bottom of the screen.



For each one, you can view its unique **ID**, **RT code**, **type** of response template, **name** (clickable), **status**, **creation date**, and the associated **media**.

4.1.8 Modifying a response template

Any modification of the response templates is taken into account immediately and transparently. Agents and supervisors do not need to log out from their ALE Connect interface.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.

2. Search or click the theme in which the response template to modify is stored.

3. Click the **name** of the response template.

4. Modify the desired parameters.

5. Click **OK**.

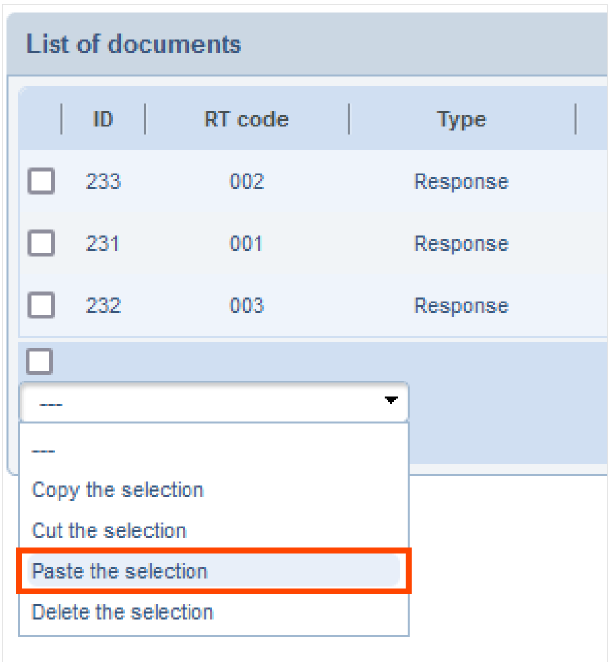
4.1.9 Copying and pasting a response template

To go faster, you can create one (or more) response template by copying one (or more) existing response template into the recipient theme of your choice. This convenient method actually allows you to quickly duplicate response templates, to adapt them to another working context.

Copy-paste can be performed at any level of the tree structure.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. Perform a search or click the theme in which the response template to copy is stored.
3. Check the response template to be copied.
4. Select the **Copy the selection** action from the scrolling list.

   The screen is changed:



   The **Preview the clipboard** button ( ) allows you to check the selected reply(ies).

   The **Empty the clipboard** button ( ) clears your selection and cancels the copy.

5. Navigate the tree structure and click the name of the recipient theme.
6. Select the **Paste the selection** action.

   ALE Connect asks you to confirm the copy.

7. Click **OK** ( ).

   The response template is added to the list.

4.1.10 Cutting and pasting a response template

Unlike copy and paste, this action moves a response template without duplicating it into the recipient theme of your choice. Cut and paste can be performed at any level of the tree structure.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. Perform a search or click the theme in which the response template to move is stored.
3. Check the response template to be moved.
4. Select the **Cut the selection** action from the scrolling list.

   The **Preview the clipboard** button () allows you to check the selected reply(ies).

   The **Empty the clipboard** button () clears your selection and cancels the move.
5. Navigate the tree structure and click the name of the recipient theme.
6. Select the **Paste the selection** action.

   ALE Connect asks you to confirm the move to the chosen theme.
7. Click **OK** ().

   The response template is moved.

4.1.11 Deleting a response template

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. Perform a search or click the theme in which the response template to delete is stored.
3. Check the corresponding box.
4. From the scrolling list of actions, select **Delete the selection**.

   ALE Connect asks you to confirm the deletion.
5. Click **OK** ().

   ALE Connect updates the list: the response template is no longer displayed.

4.1.12 Exporting response templates

This action generates a .csv file containing all response templates of the knowledge base. This view is very useful to re-read or correct the different texts, in order to keep a consistent structure (e.g. change of the brand name). You do not need to open the different themes and search manually the response template to be modified.

For each response template (file line), the following columns are available: ID, themes, name, public name, associated media, file, keywords, body, validation date, comment, RT code, status, validity start and end dates, creation date, creator, user who made the last update, last update date and attachments.

Note: it is recommended to download the file to your desktop and open it using the UTF-8 character set.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Response Templates**.
2. In the list of themes, click **Export** ().

   A window is displayed: it suggests you to open the file with the application of your choice (Microsoft Excel™ for example) or to save it on your computer.
3. Check the desired option, and then click **OK**.

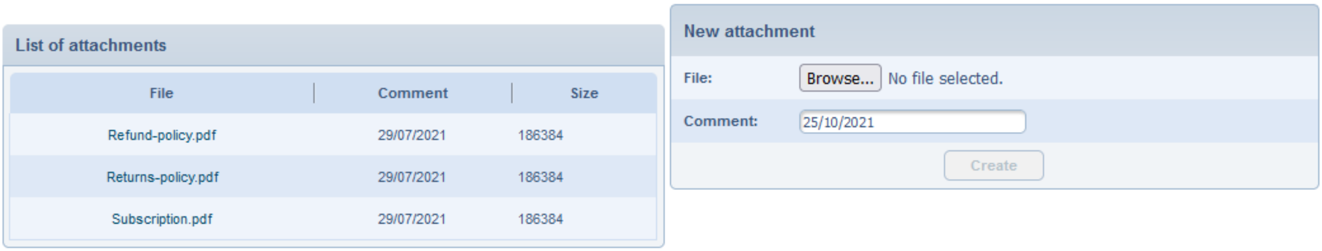
   ALE Connect generates the export file: you can now download it and use it.

4.2 Attachments

The ALE Connect knowledge base allows you to store the documents that are the most frequently used by the contact centre agents during their work. It is useful especially when the documents are inserted as attachments within a response template sent by email (e.g. a registration form in response to a request). The attachment is viewed when opening the email.

4.2.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Business Units** > **Knowledge Base** > **Attachments** menu. It allows you to upload all the documents necessary to the contact centre's activity. The left part of the screen displays the list of attachments saved in ALE Connect. The right part allows you to add an attachment.



For each attachment you can view the filename, a comment and the file size.

4.2.2 Limitations on the agent interface

Agents and supervisors will have to respect the following limitations when adding attachments:

- Maximum size of an attachment: **20 MB**
- Maximum total size of attachments: **30 MB**
- Maximum number of attachments: **100**

4.2.3 Adding an attachment

It is not possible to add two files with identical names and extensions (duplicate).

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Attachments**.
2. Click the **Browse** button to open the file explorer on your computer.
3. Select the file to be attached, and then click **Open**.
4. If necessary, enter a free comment (default current date).
5. Click **Create** to confirm the addition. ALE Connect adds the attachment to the knowledge base.

4.2.4 Modifying an attachment

It is possible to change the name of an attachment and its comment. These changes are then automatically taken into account in all response templates to which the attachment is attached.

However, any changes on the attachment itself must be performed in the source file. This file must then be re-imported into the application as a new attachment.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Attachments**.
2. From the list of the attachments, click the name of the file to modify.
3. Modify the desired elements.
4. Click **OK**.

4.2.5 Deleting an attachment

When an attachment is deleted from the knowledge base, it is also deleted from all response templates to which it was attached.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Attachments**.
2. From the list of the attachments, click the name of the file to delete.
3. Click the **Delete** button.

   ALE Connect asks you to confirm the deletion.
4. Click **OK**.

4.3 Keywords

This functionality allows you to define keywords that will be used by contact centre agents and supervisors to perform a quick search of response templates. The search is performed by completion when creating (or modifying) a response template. The keywords must be created before the response templates that use them.

4.3.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Business Units** > **Knowledge Base** > **Keywords** menu. The left part of the screen displays the list of keywords saved in ALE Connect and sorted in alphabetical order. The right part allows you to add new keywords.

4.3.2 Creating a keyword

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Keywords**.
2. Enter the keyword in the corresponding field.
3. Click **Create**.

   ALE Connect adds the keyword to the existing list.

4.3.3 Modifying a keyword

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Keywords**.
2. From the list on the left of the screen, click the keyword to be modified.
3. Modify it in the **Edition** area on the right of the screen.
4. Click **Confirm**.

   ALE Connect updates the list of keywords.

4.3.4 Deleting a keyword

This action is always possible even if the keyword has already been associated with response templates. In that case, it will also result in its deletion in the affected response templates.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Keywords**.
2. From the list on the left of the screen, click the keyword to delete.
3. Click the **Delete** button.
4. Click the **Confirm** button to validate the deletion.

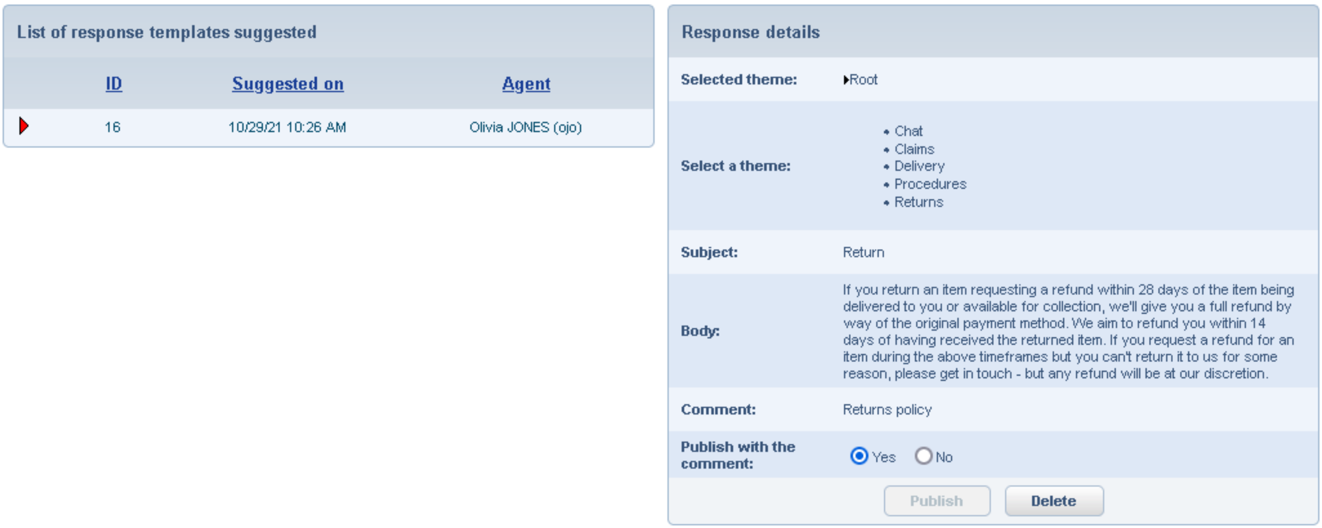
   ALE Connect updates the list: the deleted keyword is no longer displayed.

4.4 Suggestions

Any agent who frequently writes the same reply can submit it to his/her supervisor so that it can be integrated as a response template into the knowledge base. This functionality displays all suggestions that have been performed by all contact centre agents. You can then choose to accept or refuse to publish it in the knowledge base.

4.4.1 Overview

This functionality is accessible from the **Administration** > **Tenants** > **Business Units** > **Knowledge Base** > **Suggestions** menu. The left part of the screen displays the different response templates suggested; the right part displays the details of the default selected response template:



For each suggestion, you can view:

- ID,
- suggestion date and time,
- name and login of the agent who performed it (optional).

Note: it may happen that a suggestion is anonymous. This means that the agent has been deleted from the user file in the meantime (e.g. employee who has left the company). In addition, if the logged in user has a supervisor profile, the anonymous suggestions are not displayed.

4.4.2 Publishing a suggestion

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Suggestions**.
2. From the list of response templates suggested, select the suggestion to be published by clicking one of the values in the **ID**, **Suggested on** or **Agent** column: a red arrow indicates the selected suggestion. The detail of the response template is displayed.
3. Select the **theme** to which the response template should be added.
4. Click **Publish** to confirm the action.

   The response template creation form **New response type document in: [selected theme]** is displayed: the title and body of the suggested response are automatically inserted.
5. If necessary, modify the response template before validating it.

   It is still possible, at this step, to cancel the publication of the response template without deleting the suggestion. To this end, click the **Cancel** button.
6. Click **OK** to permanently publish the response template suggested.

4.4.3 Refusing a suggestion

If a suggestion is not appropriate or relevant, you can delete it. Warning: the deletion is immediate and cannot be reversed.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **Suggestions**.
2. From the list of response templates suggested, select the suggestion to be deleted by clicking one of the values in the **ID**, **Suggested on** or **Agent** column: a red arrow indicates the selected suggestion. The detail of the response template is displayed.
3. Click the **Delete** button.

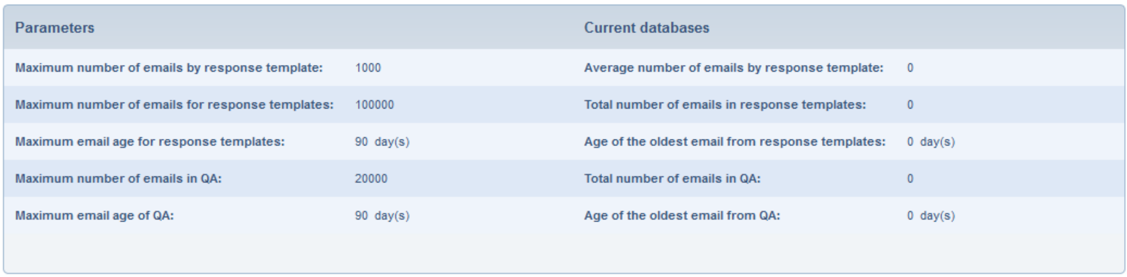
   The suggestion is immediately removed from the existing list.

4.5 Managing the artificial intelligence engine (AI)

The objective of the artificial intelligence (or AI) engine is to analyse all incoming emails and to search the most appropriate response templates from the knowledge base. This functionality allows you to view the setup of the engine and the results obtained.

4.5.1 Viewing the indexing parameters

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **AI Engine Management**.
2. Click **Database management**.



Parameters		Current databases	
Maximum number of emails by response template:	1000	Average number of emails by response template:	0
Maximum number of emails for response templates:	100000	Total number of emails in response templates:	0
Maximum email age for response templates:	90 day(s)	Age of the oldest email from response templates:	0 day(s)
Maximum number of emails in QA:	20000	Total number of emails in QA:	0
Maximum email age of QA:	90 day(s)	Age of the oldest email from QA:	0 day(s)

The **Parameters** area shows the indexing parameters of the artificial intelligence engine.

The **Current databases** area shows the actual data of the environment, as reference point, so that you can compare it with the parameters defined. You can thus know the limits already reached.

Maximum number of emails by response template
Maximum number of emails to be taken into account for the indexing, among those that have recently used the response template.

Maximum number of emails for response templates
Maximum number of emails to be taken into account for the total indexing for all response templates used. Indeed, since this number is not necessarily reached for all the response templates, the parameter allows you to limit the total number of emails to be indexed during the night, in order not to exceed the time allocated.

Maximum email age for response templates
Maximum number of days of life of an email to be indexed.

Maximum number of emails in QA
Maximum number of emails in the questions/answers to be taken into account for the indexing.

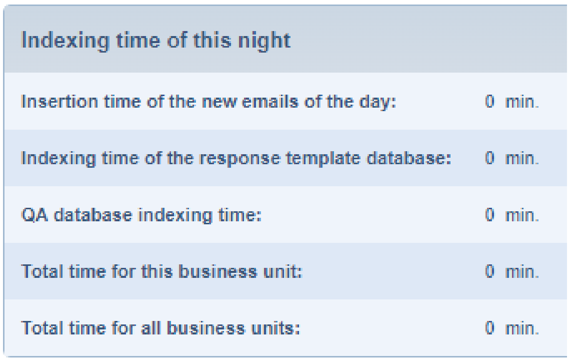
Maximum email age of QA
Maximum number of days of life of the questions/answers emails.

4.5.2 Checking the indexing times of the previous night

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **AI Engine Management**.

2. Click **Database management**.

   In the **Indexing time of this night** area, ALE Connect shows the durations that the engine has selected to index data during the previous night.



Indexing time of this night	
Insertion time of the new emails of the day:	0 min.
Indexing time of the response template database:	0 min.
QA database indexing time:	0 min.
Total time for this business unit:	0 min.
Total time for all business units:	0 min.

   You can thus view:
   - the insertion time of the day’s new emails into the database tables,
   - the indexing time of the response template database,
   - the indexing time of the question/answer database,
   - the total indexing time for this business unit,
   - the total indexing time for all business units.

4.5.3 Analysing response templates

You can view the list of response templates used over the last 15 days.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Knowledge Base** > **AI Engine Management**.

2. Click **Analysis of response templates**.

   The list indicates, for each response template, the theme to which it belongs, its frequency of use during the period and the percentage of relevance.

   The **relevance** is the percentage of the number of times the response template determined by the artificial intelligence engine was actually used compared to the number of times it was suggested by the engine.

   The **frequency of use** of a response template is the number of times the response template has been sent when processing an email over the last seven days.

   The list of response templates can be ordered by theme, frequency of use or relevance: use the scrolling list to change the way the list is displayed. Each response template in the list can be viewed in a pop-up window by clicking its name.

5 Users

A user is any person who may use ALE Connect, regardless of the interface (administration and/or agent).

From the administration interface, you will be able to:

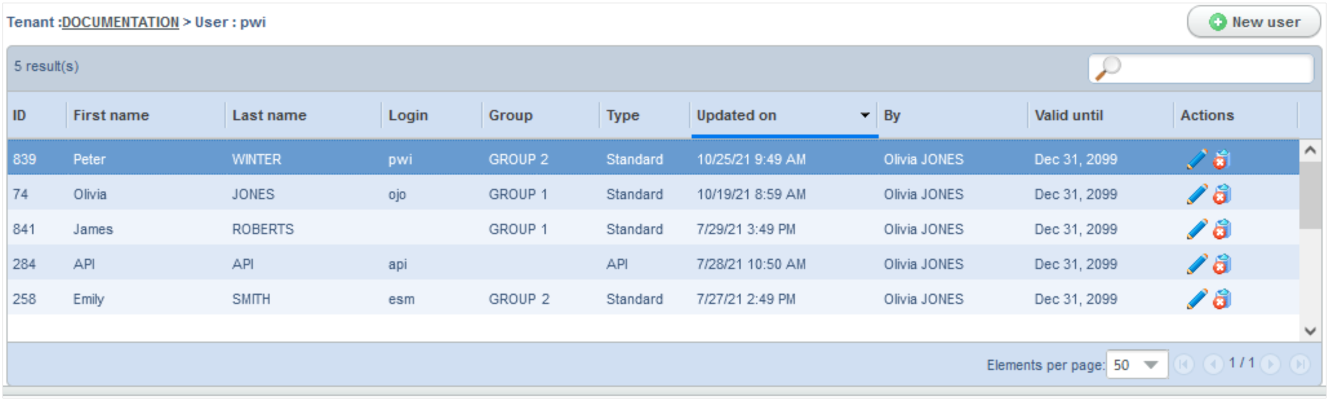
- create and manage the user accounts on a daily basis,
- assign them a business profile (agent, supervisor or coordinator),
- create the user groups,
- create and manage the different profiles (realtime, chat, etc.),
- view the operational statuses of agents.

5.1 Users

This functionality allows you to create and manage all the users of the ALE Connect platform. This management is performed by the coordinator, at the tenant level. A user is any person who may use ALE Connect, regardless of the interface (administration and/or agent). All the ALE Connect users have a profile (agent, supervisor or coordinator) that determines their access rights to the different functionalities.

5.1.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Users** menu. The upper part of the screen displays the list of all existing users. By default, they are ordered alphabetically by name. Nevertheless, it is possible to order the list according to the criterion of your choice, by clicking the header of the corresponding column.



For each of them, you can view:

- unique ID,
- first name,
- last name,
- ALE Connect login,
- group to which he/she belongs,
- type of user (standard or API),
- last update date and time of the sheet,
- user who performed the action,
- validity end date of the user's account,
- available actions.

5.1.2 Users created by the provisioning

The agents and supervisors are automatically created by the provisioning:

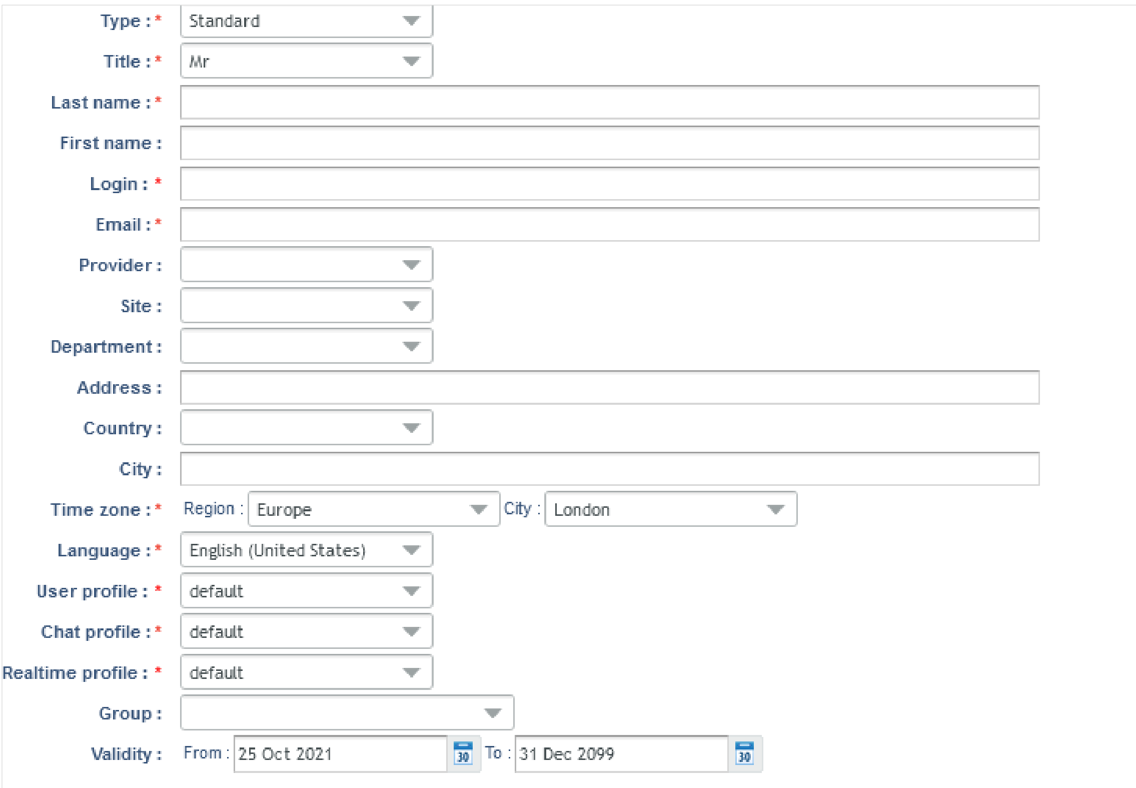
- The name, first name and language are those configured for OXE users.
- The login, email and time zone are those configured in Rainbow.

Agents and **supervisors** are attached when creating the DEFAULTUSERGROUP group. Supervisors have a supervision profile on the DEFAULTUSERGROUP group.

Coordinators, if they are not agent or supervisor, must be created manually as users, by another coordinator. Their login must be the Rainbow email address.

5.1.3 Creating a user

1. From the **Administration** tab, click **Tenants** > **Users**.
2. Click the **New user** button.
3. You must select the **Standard** type.



4. Fill in the properties of the user.
5. Click **Save**: the user account is now created.
6. Customise the user's signatures used to send replies.
7. Define the user's skills and his/her levels of expertise.
8. Fill in his/her language levels.
9. If the user is a supervisor, indicate the groups he/she supervises.

5.1.3.1 Properties tab

This tab allows you to identify the user and to fill in his/her personal information. When the user is created following a provisioning processing, some fields are already filled in by default.

Warning: the fields to fill in may vary according to the user sheet set up. The explanations below only describe the standard user sheet provided by ALE Connect by default.

1. From the **Administration** tab, click **Tenants** > **Users**.
2. Select the affected user by clicking the corresponding line.
3. Click the **Properties** tab.
4. Fill in the following information:

   Title (mandatory)
   Select, from the suggested list, the user's title (Mr. by default). Titles are hard-coded in the system. It is not possible to create one.

   Last name (mandatory) / First name
   Fill in the user's last name and first name. By default, when the user is created following to a provisioning processing, the first and last names are those declared in OXE.

   Login (mandatory)
   Enter an ID of 50 characters maximum. The user will have to fill it in when logging in to ALE Connect. Each login must be unique. By default, when the user is created following a provisioning processing, the login is the one declared in Rainbow.

   Email (mandatory)
   By default, when the user is created following a provisioning processing, the email address is initialised with the Rainbow login. However, you can change it: the user's email address will never be updated by the provisioning in order to keep the value entered here.

   Address
   Enter the user's postal address.

   Country
   Select, from the suggested list, the country where the user lives.

   City
   Enter the city where the user lives.

   Time zone (mandatory)
   Select, from the suggested list, the region and city of the time zone that ALE Connect must use. By default, when the user is created following a provisioning processing, the time zone is the one declared in Rainbow.

   Language (mandatory)
   Select, from the suggested list, the display language of the ALE Connect interfaces for this user. By default, when the user is created following a provisioning processing, the language is the one declared in OXE.

   User profile (mandatory)
   Assign a user profile to the user. It defines his/her rights on the agent interface, especially for the processing of emails. It must be previously created, in the Administration > Tenants > Users > User Profiles menu.

Chat profile (mandatory)
If the user needs to process chats with web users, assign a chat profile to him/her. This chat profile defines the conditions under which the chats can be distributed. Chat profiles must be previously created, in the Administration > Tenants > Users > Chat Profiles menu.

Realtime profile (mandatory)
Select the realtime profile that must be assigned to the user. It must be previously created in the Administration > Tenants > Users > Realtime Profiles and Agent Statuses menu.

Group
Select, from the suggested list, the group to which the user belongs. The groups must be previously created, in the Administration > Tenants > Users > User Groups menu. The user then inherits the rights to the queues, processing parameters, languages and skills of the group. If no group has been created or if the user is not an agent, let the field blank.

Validity from/to
Fill in the validity period of the user account. The start date is, by default, the current date. You can either enter the dates in the corresponding fields, in DD/MM/YYYY format, or select them from the calendar.

5. Click **Save**.

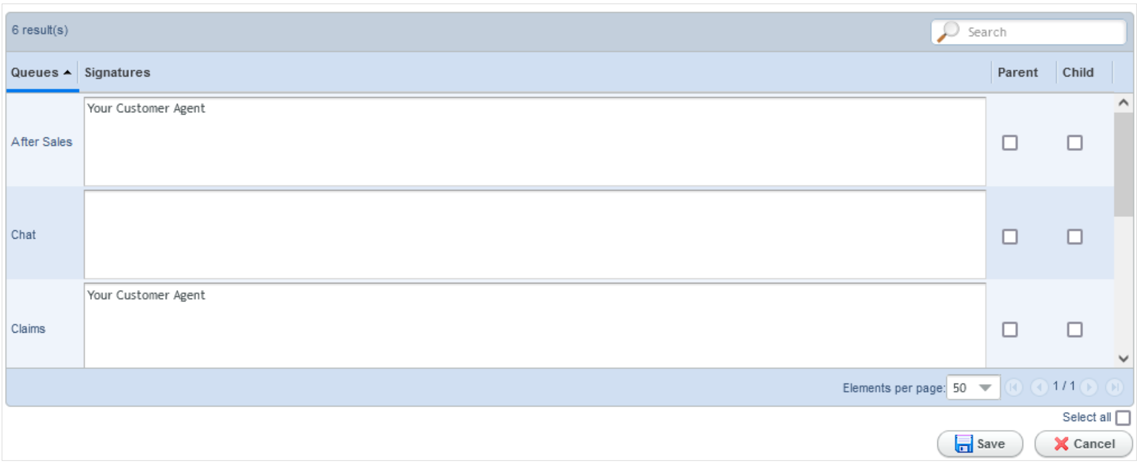
5.1.3.2 Signatures tab

The emails processed by the user can be customised by a signature automatically inserted. To display it at the bottom of his/her emails, it must be activated when setting up the group to which the agent belongs: Queues tab, Signature parameter.

If the user needs to process chats, it is possible to set up a signature by chat queue. It will then be used as a **nickname** to identify the user during a conversation with the web user. If no signature has been defined for the queue, the user's **login** will be used.

In all cases, the user can have several signatures, but only one by queue to which he has access.

1. From the **Administration** tab, click **Tenants** > **Users**.
2. Select the affected user by clicking the corresponding line.
3. Click the **Signatures** tab.



4. For each queue on which the user has rights, enter the text of his/her signature.
5. To go faster, you can duplicate an existing signature by checking the **Parent** box for it (it is therefore the template to copy). Then, check the **Child** box for each queue that must inherits this signature.
6. Click **Save** to validate the entry.

5.1.3.3 Skill level tab

A skill is an ability, a professional know-how allowing the agent to perform various tasks (e.g. a mechanical skill to process the after-sales service repair folders). ALE Connect relies on these skills to distribute the folders to be processed to the most appropriate agents.

For each skill, you must rate the user's level here between 0 and 5; 5 being the highest level of expertise. On the contrary, 0 means that the agent does not have the skill: he/she is therefore not eligible to process interactions that require it. By default, the user inherits the skill levels of the group to which he/she belongs.

You can view and modify the skill levels of users (individually or by group) when you need to:

- regulate high or low activity,
- handle temporary or unexpected peaks (e.g. critical 6-7 pm time slot),
- favour the processing of a media (e.g. additional assignment of agents to chat realtime queues).

Warning: the skill levels only impact the distribution of chat conversations. Other media are not affected.

Impact

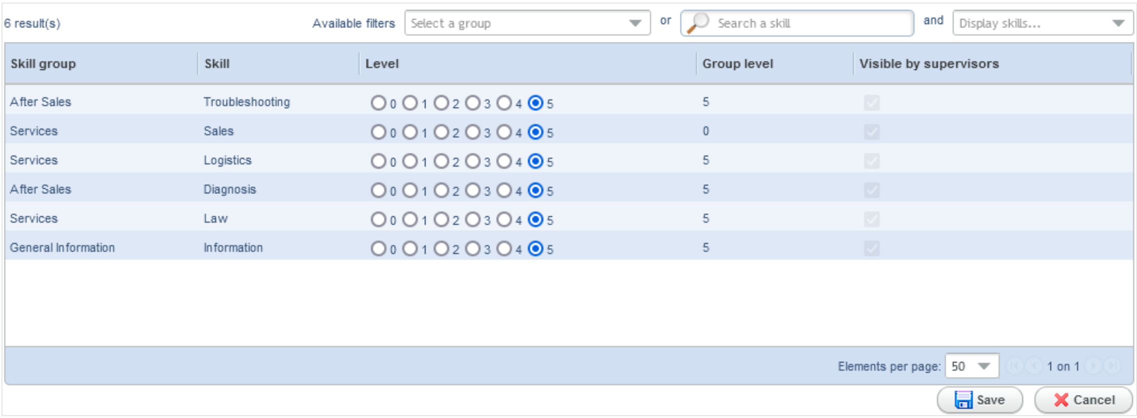
The performed changes:

- impact only the **distribution of chat conversations**. Other media are not affected.
- impact only the **realtime queues for which the agents have the same language level**. The language level has priority over the skill levels; interactions being distributed to agents with the highest language level, regardless of their skill levels. Example: an interaction in a realtime queue in English associated with an after-sales service skill will be distributed to the agent with the highest level of English, even if he/she is less competent in after-sales service.
- will be taken into account **after the user logs out then re-logs in** to his/her ALE Connect interface. However, any change in skill levels performed by a supervisor from a dashboard is taken into account immediately and transparently.

Warning: as changes can be performed by several people (supervisors or coordinators) from their ALE Connect interface, if a same skill is changed in turn, the last saved change is always applied.

Procedure

1. From the **Administration** tab, click **Tenants** > **Users**.
2. Select the affected user by clicking the corresponding line.
3. Click the **Skill level** tab.



ALE Connect displays the skills of the group to which the user belongs. If no group has been assigned to him/her, the tab is empty.

It is possible to limit the list by searching:
- the skill group to select,
- OR the skill name to enter in the area provided,
- AND by active skills (level higher or equal to 1), inactive skills (level equal to 0) or both.

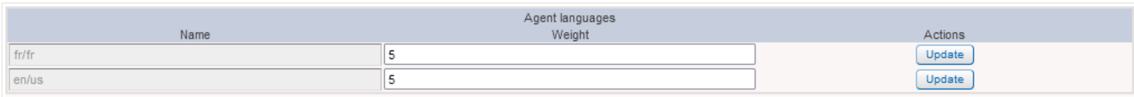
4. Check the user's level for each skill (from 1 to 5).
5. Click **Save**.

5.1.3.4 Language level tab

Like skills, you must rate here the user's level for each language by giving a score between 0 and 5; 5 being the highest level of expertise. On the contrary, 0 means that the agent does not speak the language: he/she is therefore not eligible to process interactions that require it.

Warning: by default, the user inherits all the language levels of the group to which he/she belongs.

1. From the **Administration** tab, click **Tenants** > **Users**.
2. Select the affected user by clicking the corresponding line.
3. Click the **Language level** tab.

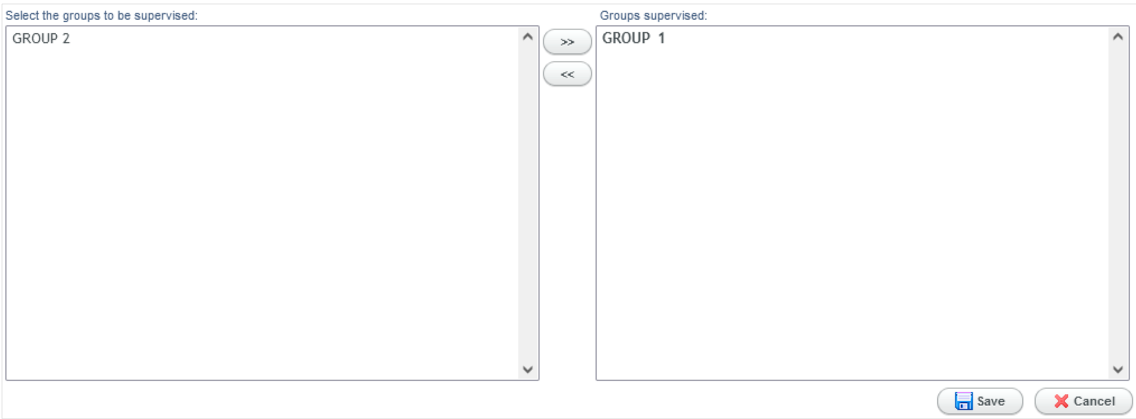


4. Fill in the user's level for each language (from 0 to 5).
5. Click **Update** to save your entry.

5.1.3.5 Groups supervised tab

This tab allows to assign the supervisor profile to the user by declaring the user group(s) he/she has to supervise. Following this assignment, the user has access to all supervision functionalities on his/her ALE Connect interface (dashboards, reporting, etc.).

1. From the **Administration** tab, click **Tenants** > **Users**.
2. Select the affected user by clicking the corresponding line.
3. Click the **Groups supervised** tab.



4. Select the groups that the user needs to supervise.

   To perform the selection, **double-click** the affected group or select it and then click the **[>>] button** to assign it. The groups for which the user is the supervisor are then displayed on the right side. On the contrary, it is possible to delete an assignment if necessary.

5. Click **Save** to save your entry.

5.1.4 Creating an API user

Warning: functionality reserved exclusively for the use of the External CRM extension only. Please refer to the *Integration* guide for further information.

One of the functionalities of the External CRM extension allows users with no access to ALE Connect to access the ALE Connect history of folders for a given contact. This access is performed from the company's information system, by calling a URL address pointing to the ALE Connect server. So that ALE Connect allows the access to this history, it is mandatory to create an API user, and then to generate an authentication token giving access rights. This token is used in the called URL.

Note: only a few fields of the **Properties** tab of the user sheet are useful. The other tabs do not require to be filled in.

1. From the **Administration** tab, click the **Tenants** > **Users** menu.
2. Click the **New user** button.
3. You must select the **API** type.
4. Fill in the following information:

   Title (mandatory)
   Select, from the suggested list, the API user's title (Mr. by default). Titles are hard-coded in the system. It is not possible to create one.

   Last name (mandatory) / First name
   Fill in the API user's last name and first name.

   Login (mandatory)
   Enter an ID of 50 characters maximum. The user will have to fill it in when logging in to ALE Connect. Each login must be unique.

   Token
   This field displays the authentication token of the API user account, once it has been generated by simply clicking the corresponding button (accessible only when editing the sheet).

   Password / Confirm password
   Not applicable.

   Email (mandatory)
   Fill in the email address of the API user account.

   Phone number
   Not applicable.

   Address
   Not applicable.

   City
   Not applicable.

   Time zone (mandatory)
   Select, from the suggested list, the region and city of the time zone that ALE Connect must use.

Language (mandatory)
Select, from the suggested list, the display language of the ALE Connect interfaces for this user.

User profile (mandatory)
Not applicable. Let the default value selected.

Chat profile (mandatory)
Not applicable. Let the default value selected.

Realtime profile (mandatory)
Not applicable. Let the default value selected.

Group
Since this user is not an agent who will process interactions, let the field blank.

Validity from/to
Fill in the validity period of the user account. The start date is, by default, the current date. You can either enter the dates in the corresponding fields, in DD/MM/YYYY format, or select them from the calendar.

5. Click **Save**.
6. Click the **Modify** button () located on the line of the newly created API user.
7. Click the **Generate a new token** button.

   The authentication token of the API user is automatically generated.

5.1.5 Assigning a business profile to a user

Once the user has been created, you must associate a profile with it:

- Coordinator
- Supervisor

Warning: any user who is not coordinator or supervisor is considered as an agent.

5.1.6 Modifying a user

1. From the **Administration** tab, click the **Tenants** > **Users** menu.
2. Click the **Modify** button () located on the line of the affected user.
3. Modify the desired properties.
4. Click **Save**.

5.1.7 Removing a user

Warning: when a user is deleted, he/she no longer appears in the database but is not deleted from the statistics database (BI).

If you wish to delete a user but retain a view on his/her past activity, you must let the user is his/her group. On the contrary, any reference to the user group will also be deleted from the BI database and therefore no more statistics will be available.

1. From the **Administration** tab, click the **Tenants** > **Users** menu.
2. Click the **Delete** button () located on the line of the concerned user.

   ALE Connect asks you to confirm the deletion.
3. Click **Yes**.

5.2 User form

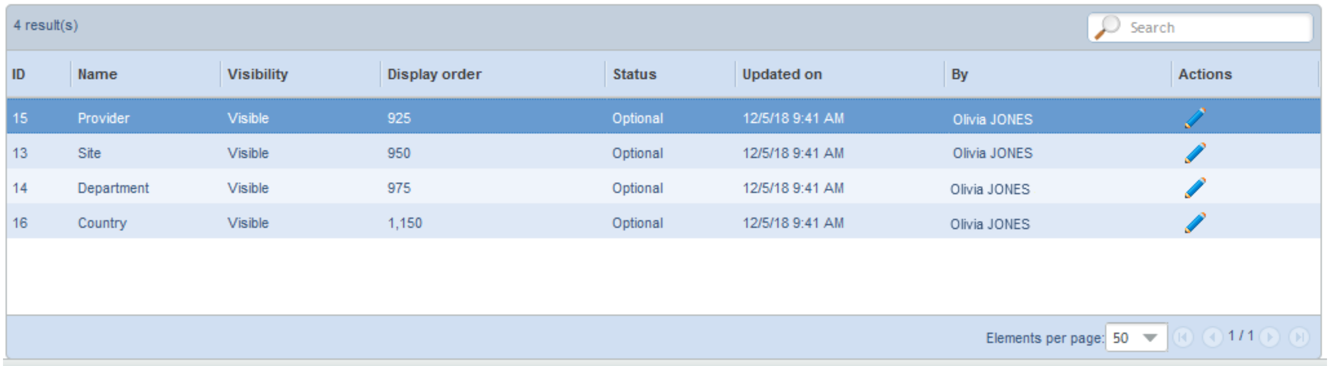
The standard user sheet offers a number of fields. However, you can add your own fields to adapt it to your needs. They can then be used in the D or D+ reports as dimensions.

Warning: the fields created here are applied to all users of the tenant.

5.2.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Users** > **User Form** menu. The upper part of the screen displays the list of all user fields. By default, they are sorted by display order. Nevertheless, it is possible to order the list according to the criterion of your choice, by clicking the header of the corresponding column.

ALE Connect natively provides 4 predefined and undeletable user fields: Provider, Site, Department and Country.

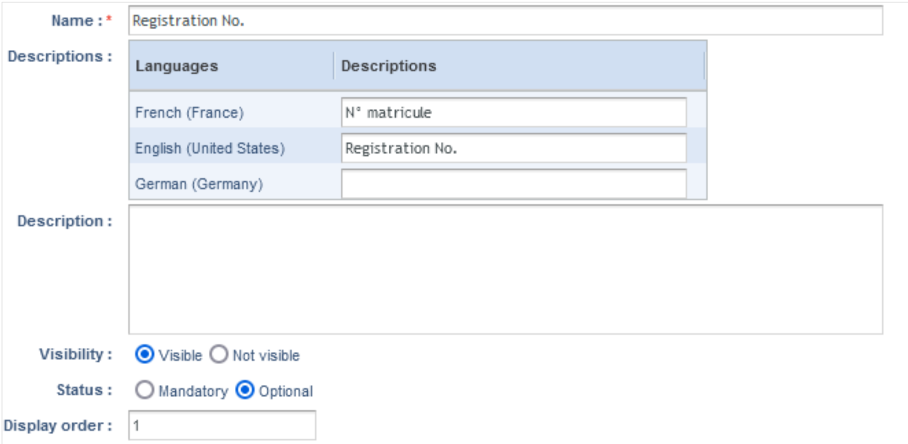


For each of them, you can view:

- unique ID assigned by the system,
- name,
- information of whether or not the field is displayed in the user sheet,
- display position in the user sheet,
- information of whether or not this field is mandatory in the user sheet,
- date and time of last update,
- user who performed the action,
- possible actions represented by an icon.

5.2.2 Creating a user field

1. From the **Administration** tab, click **Tenants** > **Users** > **User Form**.
2. Click the **New field** button. The following screen is displayed:



3. You must enter the **name** of the field.
4. Enter its **description** in the different languages of the application.
5. Add an additional **description** if you wish to give details on its use.
6. Indicate, by checking the corresponding option, whether the field must be visible in the user sheet or not. By default, a field is visible.
7. Indicate if the field is **mandatory** or **optional** (default choice) when entering the user sheet, by checking the corresponding option.
8. Enter the **display order** of the field i.e. its position in the user sheet. Each static field in the form has an order from 100 to 100. The new fields are inserted between these values.
9. If the field has several possible values, add them. These values will be presented as a scrolling list of choices in the user sheet. Then choose the default value (optional).
10. Click **Save** to save your entry.

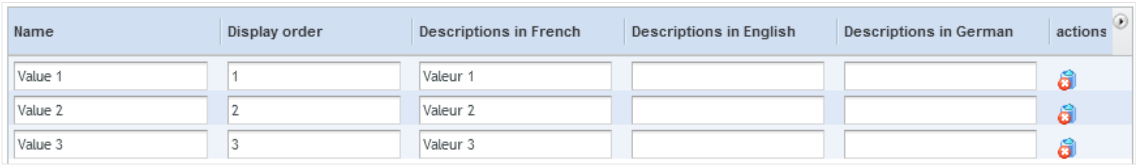
5.2.3 Adding values to a field

Depending on the information to be filled in, you can predefine a list of values from which you will only have to select the desired one. It is possible to add values at any time.

Warning: for the Country field, the list of values is defined by default in the system and cannot be modified.

1. From the **Administration** tab, click **Tenants** > **Users** > **User Form**.
2. Click the **Modify** button ( ) located on the line of the affected field.
3. Click the **New value** button.

   The following screen is displayed:



4. Enter its name, display order, and descriptions in the various languages.
5. Repeat the last two steps for each value to add.
6. Select the default value if you wish. If no value is selected, the field will be blank by default.
7. Click **Save** to save your entry.

5.2.4 Modifying a user field

1. From the **Administration** tab, click **Tenants** > **Users** > **User Form**.
2. Click the **Modify** button ( ) located on the line of the affected field.
3. Modify the desired characteristics (refer to the creation).
4. Click **Save** to save your entry.

5.2.5 Deleting a user field

Only hard-coded fields in the system (provider, site, department and country) cannot be deleted.

1. From the **Administration** tab, click **Tenants** > **Users** > **User Form**.
2. Click the **Delete** button ( ) located on the line of the affected field.

   ALE Connect asks you to confirm the deletion.
3. Click **Yes**.

   ALE Connect updates the list: the field is no longer displayed.

5.3 User statuses

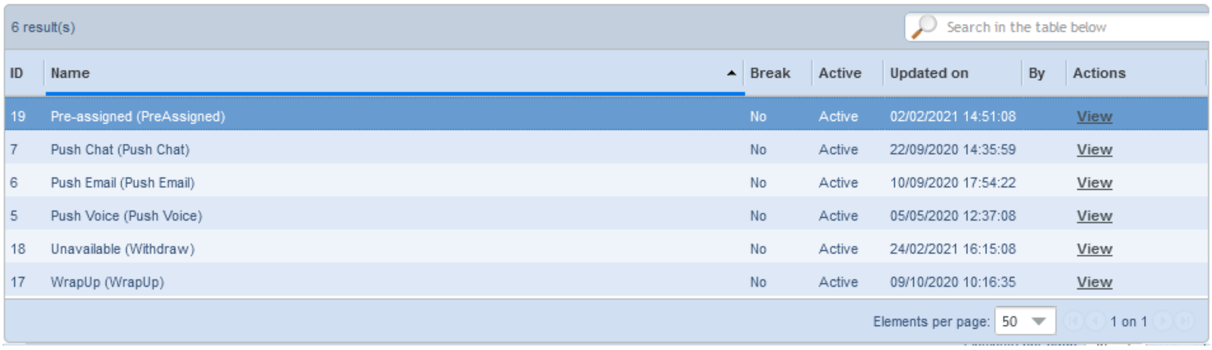
On their ALE Connect interface, the agents can choose their operational status: it indicates, in real time, what the agent is doing while communicating his/her availability to other users logged in. It is represented by a round icon (cannot be customised) and a name specifying the task performed.

This functionality allows you to view all the operational statuses available in ALE Connect. **They are created by default: you cannot add, modify or delete them.** However, you must <u>assign them to the realtime profiles</u> of the users affected, so that they are available on the agent interface.

Note: ALE Connect memorises the time spent in each status, over different periods. It can be viewed by the supervisors through detailed analysis reports.

5.3.1 Overview

This functionality is accessible from the **Administration** > **Tenants** > **Users** > **User Statuses** menu. The upper part of the screen displays the list of all existing statuses.



6 result(s)

Search in the table below

ID	Name	Break	Active	Updated on	By	Actions
19	Pre-assigned (PreAssigned)	No	Active	02/02/2021 14:51:08		View
7	Push Chat (Push Chat)	No	Active	22/09/2020 14:35:59		View
6	Push Email (Push Email)	No	Active	10/09/2020 17:54:22		View
5	Push Voice (Push Voice)	No	Active	05/05/2020 12:37:08		View
18	Unavailable (Withdraw)	No	Active	24/02/2021 16:15:08		View
17	WrapUp (WrapUp)	No	Active	09/10/2020 10:16:35		View

Elements per page: 50 1 on 1

For each status, you can view:

- unique ID,
- name and technical description between brackets,
- information specifying whether or not the user is on break with this status,
- information specifying whether or not the status is active,
- date and time of last update,
- last user who modified it,
- link to view its properties.

5.3.2 Available statuses

Status name	Icon	What the agent can do
Pre-assigned		Particular status in which the agent may find himself/herself temporarily, when his/her supervisor changes his/her processing group. This status displays a greyed out circle to indicate that the agent should wait until the operation is complete.
Push Chat		The agent can only process chats pushed by ALE Connect. Nevertheless, with this status, the agent remains free to process other folders at the same time in pull mode (emails, Facebook Messenger or Twitter interactions).
Push Email		The agent can only process emails pushed by ALE Connect. Nevertheless, with this status, the agent remains free to process other folders at the same time in pull mode (emails, Facebook Messenger or Twitter interactions).
Push Voice		The agent can only process calls pushed by ALE Connect. Nevertheless, with this status, the agent remains free to process other folders at the same time in pull mode (emails, Facebook Messenger or Twitter interactions).
Unavailable		The agent is temporarily on break. The interaction distribution in push mode stops. It restarts when the agent changes his/her operational status.
WrapUp		This temporary status allows the agent to momentarily interrupt the distribution of interactions in push mode, to allow the agent to finish an additional task. The duration of the wrap-up status is limited: when the time is up, the agent automatically returns to the operational status he/she had before being in wrap-up.

5.4 Business profiles

Each user declared in ALE Connect must have a profile that determines his/her role and access to functionalities, on the administration and agent/supervisor interfaces.

There are 3 profiles:

- Coordinator
- Supervisor
- Agent

5.4.1 The coordinator

This user profile has full rights to set up a tenant. He/She can thus use all the functionalities related to its business units. On the other hand, he/she has access to certain technical extensions (such as advanced routing).

Warning: the first coordinator is created manually by AKIO when creating the tenant.

5.4.1.1 His/Her functions

From the administration interface, he/she can act on each business unit of his/her tenant:

- He/She manages all the queue options and their creation.
- He/She manages all the lists of the business units (address book, qualification criteria, redirection profile, etc.).
- He/She creates the management and routing rules.
- He/She defines the activity calendar.
- He/She manages the entire knowledge base.
- He/She creates and assigns the waiting emails, HTML templates and alarm thresholds.
- He/She creates the signature of each business unit.
- He/She creates the users, then defines the profile of each one, on their respective business unit.
- He/She creates and defines the user groups.
- He/She assigns the agents to the user groups.

5.4.1.2 Assigning the coordinator profile

1. From the **Administration** tab, click **Tenants** > **Coordinators**.
2. Click the **Add** button to display the list of the existing users.
3. Select, from the list, the desired user by checking the corresponding box (multiple selection allowed).
4. Click **Add** to validate the assignment.

   ALE Connect updates the list of coordinators of the system.

5.4.1.3 Removing the coordinator profile

1. From the **Administration** tab, click **Tenants** > **Coordinators**.
2. Select, from the list, the coordinator to whom you wish to remove the rights by checking the corresponding box (multiple selection allowed).
3. Click **Remove** to validate the action.
4. ALE Connect asks you to confirm the deletion of the element.
5. Click **Yes** to permanently delete the element (or **No** to abandon this action).

   ALE Connect updates the list of coordinators of the system.

5.4.2 The supervisor

In a contact centre, the supervisor is in charge of one or several groups of agents. He/She often combines the roles of agent and supervisor. As operational, he/she manages the activity and supports the agents he/she supervises in their daily tasks. A user can be supervisor on one tenant only. If the same person has to supervise groups of users on several tenants, he/she must own several logins.

5.4.2.1 His/Her functions

From the **administration interface**, he/she can:

- access the Administration tab only,
- view the business units on which the user groups supervised have rights,
- view the queues associated with these business units,
- create or modify the waiting messages of the business units,
- modify the calendar of the business units,
- create or modify the HTML templates of the business units,
- create or modify the introduction and conclusion messages of the business units,
- manage the knowledge base,
- manage the address book of the business units,
- create users only for the supervised groups,
- modify the user sheets of supervised groups.
- assign user profiles to the supervised users,
- assign chat profiles to the supervised users,
- view and modify the rights of supervised user groups,
- change the group of supervised users,
- view the list of supervised users logged in to ALE Connect.

On the **agent interface**, he/she can access functionalities not visible to the agents:

- dashboarding application to ensure realtime follow-up of the activity,
- statistics and reporting module to analyse the results,
- picking to check the responses from agents by random sampling,
- desktop to permanently delete the folders moved to the recycle bin by the agents or to reactivate them,
- desktop to validate or refuse the replies written by the agents before sending them,
- export of contacts to a file.

5.4.2.2 Assigning the supervisor profile

There are two ways to perform the assignment: either via the sheet of a user group, or via a user sheet. The result is the same in both cases.

Method #1

It consists in declaring a specific user as the supervisor of a group.

1. From the **Administration** tab, click **User Groups**.
2. Select, from the list, the user group to supervise.
3. Click the **Supervisors** tab.
4. Click the **Add supervisors** button: ALE Connect displays the list of users who do not have this profile.
5. Check the users to whom you wish to assign the supervisor profile (multiple selection allowed).
6. Click the **Add selected supervisors** button to validate the assignment.

   ALE Connect updates the list of supervisors.

Method #2

It consists in declaring the user groups that the user must supervise.

1. From the **Administration** tab, click **Users**.
2. Select, from the list, the user affected.
3. Click the **Groups supervised** tab.
4. Select the group(s) that the user needs to supervise.
5. Click **Save** to save your entry.

5.4.2.3 Removing the supervisor profile

Method #1

This functionality is only accessible to a coordinator.

1. From the **Administration** tab, click **User Groups**.
2. Select, from the list, the affected user group.
3. Click the **Supervisors** tab. ALE Connect displays the list of supervisors for the group.
4. Check the supervisors from whom you wish to remove the profile (multiple selection allowed).
5. Click the **Remove selected supervisors** button.

   ALE Connect updates the list of supervisors.

Method #2

1. From the **Administration** tab, click **Users**.
2. Select, from the list, the user affected.
3. Click the **Groups supervised** tab.
4. Deselect the group(s) supervised.
5. Click **Save** to save your entry.

5.4.3 The agent

The agent is an advisor who processes interactions with contacts (calls, emails, etc.). He/She has skills on which the system relies to distribute the interactions. Unlike the other profiles, the agent profile is not assigned to a user. He/She gets the agent profile as soon as he/she is attached to a user group for which the access rights to at least one queue have been set up. In other words, any user who is not coordinator or supervisor is considered as an agent.

With ALE Connect, the agent processes interactions according to its read and write rights on the corresponding queues. However, he/she does not have access to the administration interface. An agent is associated with a tenant: he/she can therefore have rights on queues of different business units of this tenant.

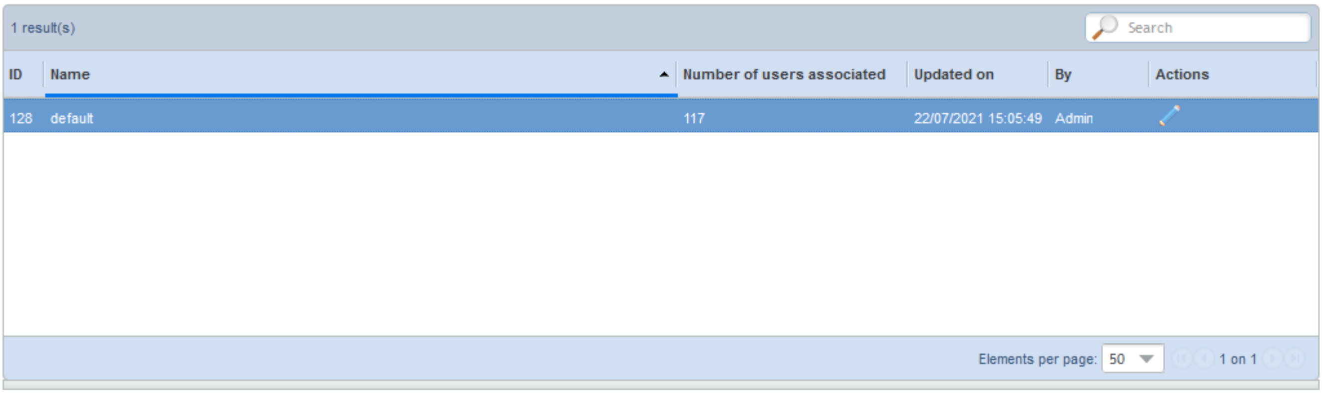
5.5 User profiles

A user profile defines the functionalities allowed to the agents and supervisors on their ALE Connect interface. They mainly concern the processing of emails. Each user can only have one user profile, visible in his/her sheet.

Warning: a default user profile is provided by ALE Connect.

5.5.1 Overview

This functionality is accessible from the **Administration** > **Tenants > Users > User Profiles** menu. The upper part of the screen displays the list of all existing user profiles. By default, they are sorted by name in ascending alphabetical order (A-Z). Nevertheless, it is possible to sort the list according to the criterion of your choice, by clicking the desired column header.



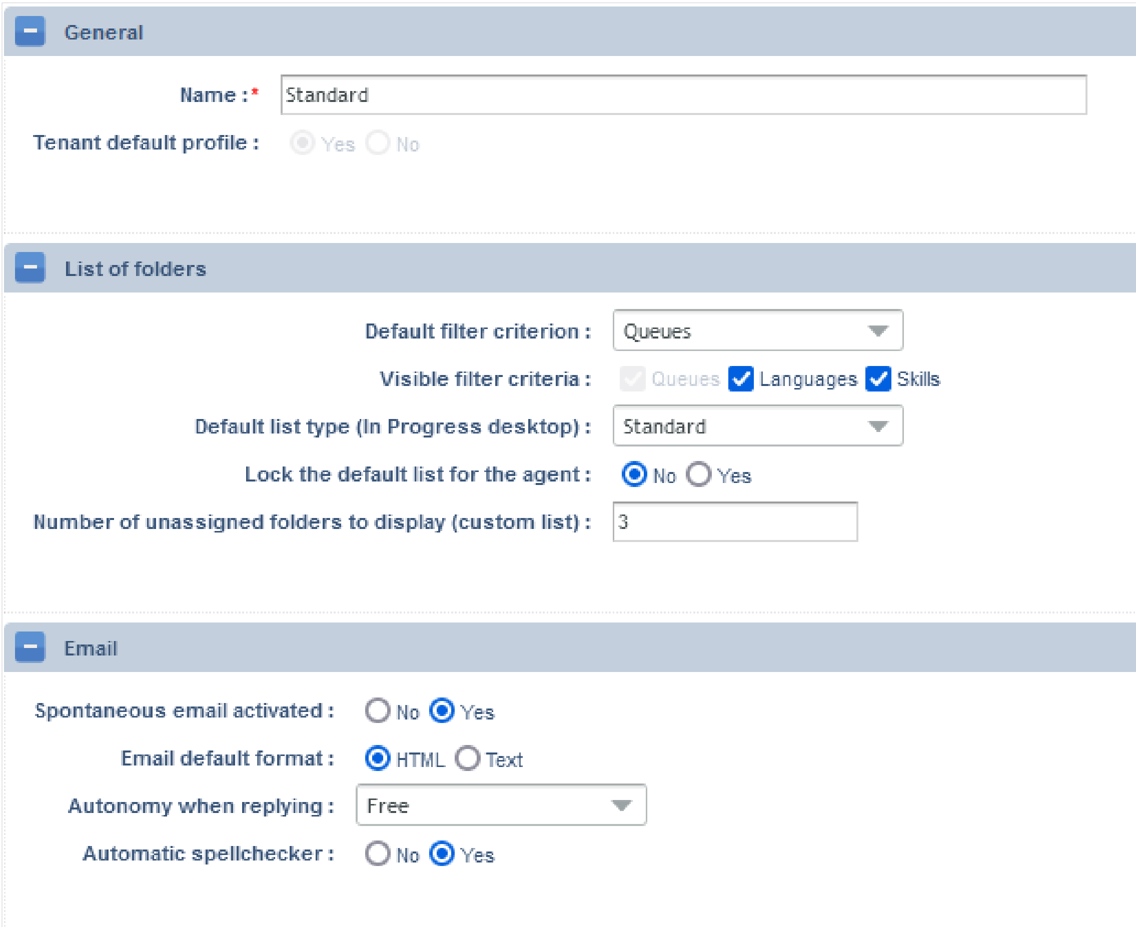
For each profile, you can view:

- unique ID,
- name,
- total number of users with this profile,
- date and time of last update,
- user who created or modified it,
- possible actions represented by an icon.

5.5.2 Creating a user profile

1. From the **Administration** tab, click **Tenants** > **Users** > **User Profiles**.
2. Click the **Add a new profile** button.

   The following screen is displayed:



3. Fill in the following parameters:

   General

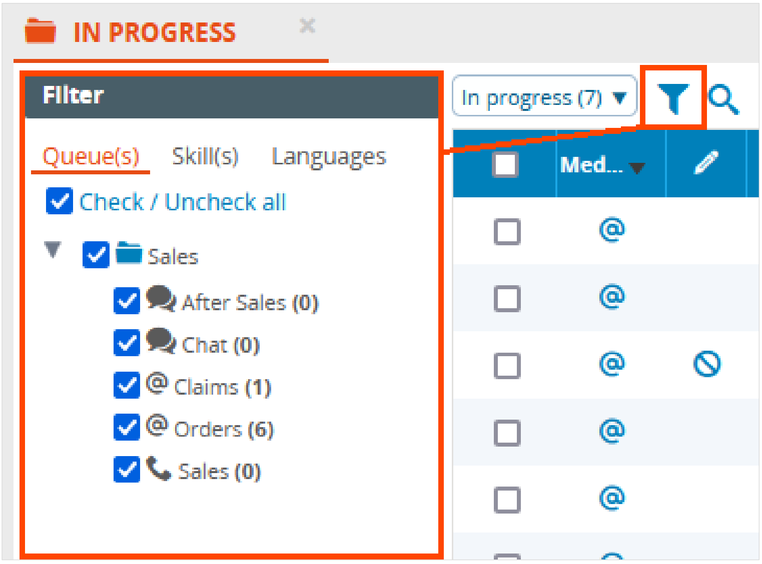
   Name (mandatory)
   Fill in a name that clearly identifies the nature of the profile and its users.

   Tenant default profile
   Indicate, by checking the corresponding option, whether or not this user profile must be assigned by default to any new user of the tenant. There can only be one default user profile for a tenant. It cannot be deleted directly: you must first define a new default profile in order to delete the current profile. Note: modifying this option does not impact the user profiles already assigned to agents.

List of folders

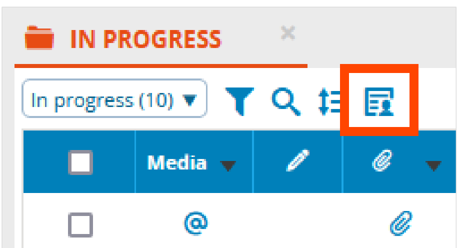
This set of parameters allows you to customise the display of the list of folders, as it will be presented to agents on their ALE Connect interface.

Default filter criterion
On his/her ALE Connect interface, the agent can filter the list of folders by queues, skills or languages regardless of the desktop. Among these three proposals, select the criterion that must be displayed by default (in the example below, this is Queues):

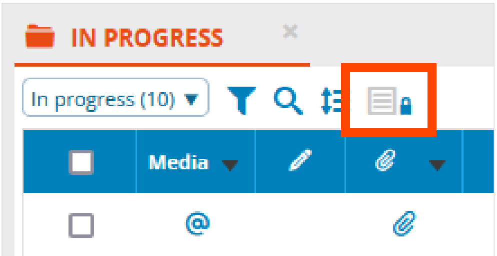


Visible filter criteria
In addition to the previous option, check the criteria that the agent can use to filter the list of folders: queues, skills and/or languages. The default filter criterion must be checked and cannot be changed. However, a criterion that is not checked in the user profile appears on the agent interface but is not accessible.

Default list type (In Progress desktop)
Select the list of folders to be displayed by default in the In Progress desktop:
Standard: no filter is applied on the list (default option). All folders, without exception, are displayed to the agent.
Custom: the list shows only the folders assigned to the logged in agent, as well as a maximum of 3 unassigned folders from among the highest priority and oldest (based on the date the folder was created). Folders assigned to other agents are hidden. The aim of this parameter is to favour the processing of the highest priority and oldest folders (in case of equal priority, ALE Connect selects the oldest).
In the example below, by default, agents view the standard list:



Lock the default list for the agent
This parameter allows you to lock the list type that has been defined (see previous parameter) to prevent agents from changing views. By default, agents can choose the type of list they want to display on their ALE Connect interface, and switch between standard and custom lists as they wish. Check the desired option:
No: the agent has access to both lists (standard and custom) on his/her interface and can switch from one view to the other whenever he/she wants, by clicking the corresponding icon.
Yes: the default list type is locked and the agent cannot change view. A padlock is displayed on the relevant icon.
In the example below, the custom list is displayed by default and locked. The agent cannot display the standard list:



Number of unassigned folders to display (custom list)
"Unassigned" means a folder that is not assigned to any agent. Enter the maximum number of unassigned folders to be displayed in the custom list of the logged in agent. Among the unassigned folders, ALE Connect selects the oldest folders (based on the folder creation date) with the highest priority. The value of this parameter must be between 0 and 3 maximum (1 is the default value). Example: if you enter 3, only 3 unassigned folders will be displayed. Conversely, if you enter 0, the agent will not see any unassigned folders on his/her custom list.

> **Warning:** following a version update, if the previous value was greater than 3 (between 4 and 255), the new parameter value is automatically set to 3.

Email

This section contains options for processing emails.

Spontaneous email activated
This option allows the agent (or a supervisor) to send emails to a recipient outside of the scope of a folder. If it is forbidden, he/she will not be able to send spontaneous emails to a queue, even if he/she is allowed to access this queue to process folders (Read/Reply parameter at the setup of queues level).

Email default format
Choose the format of incoming emails in the agent interface, by checking the desired option: HTML (default choice) or Text.

Autonomy when replying
Choose the degree of autonomy for agents in this profile, when sending an email response to a contact. This parameter affects both emails sent as part of a folder and spontaneous emails.
Systematic validation: all the messages sent by the agent are submitted to the supervisor for validation.
Random validation: messages sent by the agent are randomly submitted to the supervisor for validation (about 1 in 10 responses are sent).
Free: the agent can reply without validation from the supervisor, unless the queue associated with the message sent is configured with a reply autonomy in systematic or random validation.

During N day(s) (0 = Always)
This parameter is displayed when the systematic or random validation has been selected in the previous option. Enter the number of days during which the agent replies will be systematically submitted to their supervisor for validation. After this deadline, ALE Connect will automatically switch agents back to free validation. The 0 value (default choice) indicates that this duration is unlimited and therefore makes this setup permanent.

Validation percentage
This parameter is displayed when the random validation has been chosen for the reply autonomy. Enter the global percentage of replies that will be submitted to the supervisor for validation, all agents included.

Automatic spellchecker
When the agent clicks one of the sending buttons of the email, ALE Connect automatically launches the spellchecker to analyse its content. If no error is detected, the email is sent. Otherwise, it is reported. If the agent clicks one of sending buttons a second time, the email is sent even if there are still errors.

4. Click **Save**.

   The system immediately updates the list of the existing user profiles: the new profile is displayed.

5.5.3 Assigning a profile to users

This procedure allows you to assign a user profile to several users in a single action. The assigned profile is visible in the user sheet (Administration > Tenants > Users > Properties tab menu).

5.5.3.1 Associating users with the profile

This procedure allows the mass assignment of a user profile to several users. However, you can also perform this association in the user sheet.

1. From the **Administration** tab, click **Tenants > Users > User Profiles**.
2. Select the profile to modify.
3. Click the **Users** tab.

   ALE Connect displays the list of all users who already have this user profile.
4. Click the **Add users** button.

   ALE Connect automatically displays the list of all users who do not yet have a user profile. For each of them, you can view his/her first name, last name, login, validity end date, group and future user profile.

   If the list is too long, you can search by using the available filters: by selecting a user profile from the list, OR a user group, OR by entering his/her name, first name or login. The entry area operates in “Contains" mode.
5. Select, from the obtained list, the users to be added.

   For a unitary selection, manually check each user to be added to the profile. To perform a multiple selection, you can select all the elements of the current page or select all (all pages).
6. When the selection is complete, click the **Add selected users** button.

   ALE Connect returns to the list of users in the profile: it has been updated.

5.5.3.2 Deleting an association

Any user must have a user profile: that is why this field is mandatory in the user sheet. It is therefore not possible to delete the assignment of a profile without replacing it by another.

There are two ways to change the user profile:

- **Solution #1**: you directly change the sheet of the affected user by selecting another user profile. The list of users of the new selected user profile is automatically updated. This procedure is to be preferred when it is punctual.
- **Solution #2**: you add users to the new user profile that you wish to assign to them. This action removes them from the former profile to which they were assigned. At the same time, ALE Connect updates the corresponding field in the user sheets affected.

5.5.4 Modifying a user profile

Warning: agents and supervisors with this profile must log out from their ALE Connect interface and relog in, so that the changes are taken into account.

1. From the **Administration** tab, click **Tenants** > **Users** > **User Profiles**.
2. Click the **Modify** button () located on the line of the affected profile.
3. Modify, as needed, the properties of the user profile.
4. Click **Save** to save your entry.

   The system immediately updates the list of existing user profiles.

5.5.5 Deleting a user profile

It is not possible to delete a default user profile of the tenant.

1. From the **Administration** tab, click **Tenants** > **Users** > **User Profiles**.
2. Click the **Delete** button () located on the line of the affected profile. The system asks you to confirm the deletion.
3. Click **Yes** to permanently delete the profile, or **No** to abandon this action.

   ALE Connect updates the existing list: the deleted profile is no longer listed.

5.6 Realtime profiles and agent statuses

A realtime profile is a set of parameters that determine how incoming interactions (calls, chats and emails in push mode) are distributed to agents.

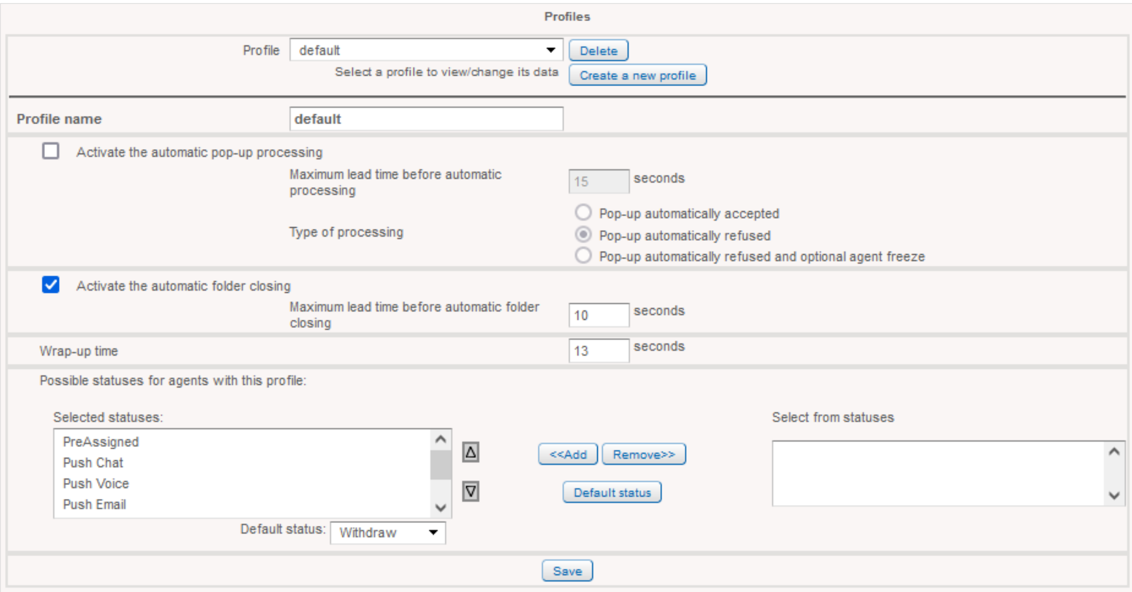
It allows to:

- lighten the agent's workload by avoiding him/her to click to accept an incoming interaction (automatic acceptance),
- limit the waiting of a contact when a pop-up is being presented on the agent's interface (automatic refusal),
- exclude an agent from the distribution (automatic refusal with the possibility of freezing the agent),
- choose the user statuses that agents can select on their ALE Connect interface.

This parameter is common to all agents and supervisors to whom the profile is assigned, in their user sheet.

5.6.1 Creating a realtime profile

1. From the **Administration** tab, click **Tenants** > **Users** > **Realtime Profiles and Agent Statuses**.



2. Click the **Create a new profile** button.
3. Enter a **name** that clearly identifies the profile.

4. Fill in the following parameters:

   Activate the automatic pop-up processing

   By default, this parameter is not activated. It allows to define the desired behaviour when a pop-up is displayed on the agent interface to notify the arrival of an email or chat interaction.

   Warning: the parameters of this section are not taken into account for the Voice media. They are applied to email and chat interactions only.

   Maximum lead time before automatic processing
   Specify, in seconds, the maximum display time of a pop-up notifying the arrival of an interaction. Beyond this limit, ALE Connect triggers the type of processing set up below. The maximum lead time must be comprised between 1 and 60 seconds. The 0 value is only accepted if the chosen type of processing is “Pop-up automatically accepted”.

   Type of processing
   Select the next step when the maximum lead time before automatic processing is reached:
   Pop-up automatically accepted: the pop-up is automatically accepted, as if the agent has clicked the Accept button to support the interaction.
   Pop-up automatically refused: the pop-up is automatically refused, as if the agent has clicked the Refuse button to not support the interaction.
   Pop-up automatically refused and optional agent freeze: the pop-up is automatically ignored. The interaction is then counted for the optional freeze of the ALE Connect application. This blocking is triggered when several successive pop-up notifying the arrival of an interaction have been ignored. The agent is no longer considered as available and ALE Connect stops to distribute him/her interactions (e.g. agent went on break and forgot to change his operational status). The agent is notified by an alert message on his/her interface when the application is frozen. The agent must then validate the message, in order to receive push interactions again. However, even if his/her ALE Connect interface is frozen, the agent can still receive private calls.

   Activate the automatic folder closing

   This parameter allows to define the wrap-up time for interactions of Chat and Email media.

   Warning: this parameter is not taken into account for the Voice media. The wrap-up management for the Voice media is configured on OXE.

   If this option is checked, each folder is automatically closed after a certain period of time to be set up: specify the maximum lead time in seconds that the agent has to finish processing the current folder before ALE Connect automatically closes it (between 1 and 600 seconds, 0 value forbidden).

   Wrap-up time

   Warning: this parameter is not taken into account for the Voice media, because it is configured on OXE.

   For Chat and Email media, specify in seconds the amount of time an agent has between two interactions, i.e. the time between the end of the wrap-up and the arrival of a new interaction. The value must be comprised between 1 and 30 seconds maximum. The 0 value is forbidden. For Chat media, the wrap-up time is not taken into account in certain cases of simultaneous chats or requalification.

Possible statuses for agents with this profile

Selected statuses / Select from statuses
ALE Connect displays a list of available user statuses on the right of the screen. Select those to assign to the profile by using the **Add** and **Remove** buttons. You can then order the statuses in the desired order by clicking the Up and Down arrows. The list of statuses will be presented strictly in this order on the ALE Connect interface for agents and supervisors.

Note: the default realtime profile of the tenant already suggests the active statuses of the tenant.

Default status
Select, from the list, the default status of the agent, immediately after his/her login to the ALE Connect platform. Only active statuses are listed. The default status selected is Unavailable.

5. Click **Save** to validate your entry.

5.6.2 Modifying a realtime profile

You can adapt the setup if necessary, by modifying the realtime profile desired.

Warning: agents and supervisors with this profile must log out from their ALE Connect interface and relog in, so that the changes are taken into account.

1. From the **Administration** tab, click **Tenants** > **Users** > **Realtime Profiles and Agent Statuses**.
2. Select the profile to modify.
3. Perform the changes you wish.
4. Click **Save** to validate your entry.

5.6.3 Deleting a realtime profile

This action is possible at any time. It is not possible to delete the default realtime profile of the tenant.

1. From the **Administration** tab, click **Tenants** > **Users** > **Realtime Profiles and Agent Statuses**.
2. Select the profile to delete.
3. Click the **Delete** button.

   ALE Connect asks you to confirm the deletion.

4. Click **Yes** to permanently delete the profile.

   ALE Connect updates the existing list: the deleted profile is no longer listed.

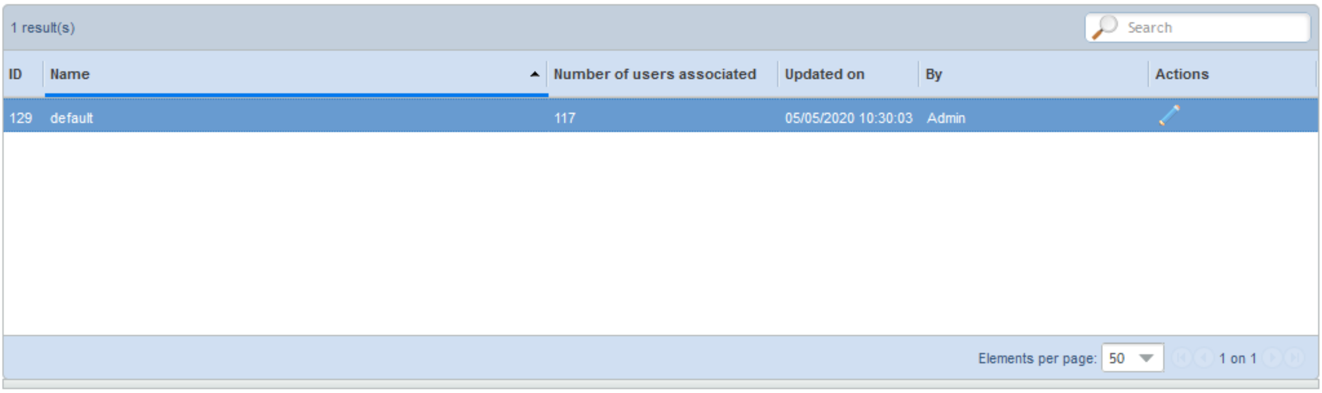
5.7 Chat profiles

A chat profile is a set of parameters related to the processing of chat conversations (instant messaging), such as the maximum number of simultaneous chats that an agent can process.

Warning: this functionality is only available if the license includes the Chat media.

5.7.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Users** > **Chat Profiles** menu. The upper part of the screen displays the list of all existing chat profiles: By default, they are sorted by name in ascending alphabetical order (A-Z). Nevertheless, it is possible to sort the list according to the criterion of your choice, by clicking the desired column header.



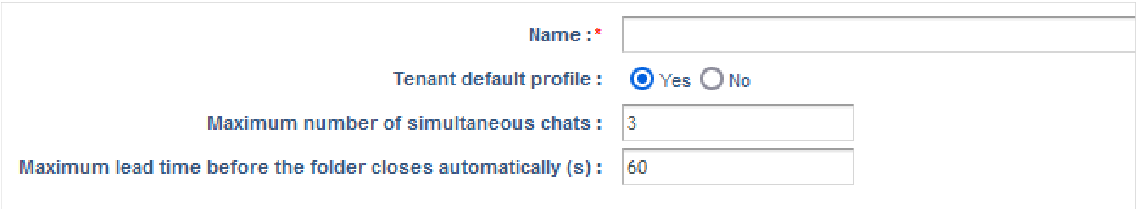
For each profile, you can view:

- unique ID,
- name,
- total number of users with this profile,
- date and time of last update,
- user who created or modified it,
- possible actions represented by an icon.

5.7.2 Creating a chat profile

Note that a chat profile named **Default** is natively provided by ALE Connect when the tenant is created.

1. From the **Administration** tab, click **Tenants** > **Users** > **Chat Profiles**.
2. Click the **Add a new profile** button.



3. Fill in the properties of the profile:

   Name (mandatory)
   Fill in a name that clearly identifies the nature of the profile and its users.

   Tenant default profile
   Indicate, by checking the corresponding option, whether or not this chat profile should be assigned by default to all new users of the tenant. The chat profile of a user can be changed via the Users tab, or from the user sheet. There can only be one default chat profile for a tenant. It cannot be deleted. A new default profile will first need to be defined in order to delete the current profile.

   Maximum number of simultaneous chats
   Define the maximum number of chat interactions that an agent can receive simultaneously (3 by default).

   Maximum lead time before the folder closes automatically (s)
   Enter, in seconds, the time left to the agent after closing the conversation, whether the conversation is initiated by the agent or the web user (60 seconds by default). This handling time, also called “wrap-up”, allows to finalise the folder and to qualify it. During this time, the agent is considered as being in conversation by the system. ALE Connect may submit a new chat interaction only if the agent has not reached yet his/her maximum number of simultaneous chats (see above).
   After this end of this period, the folder is automatically closed, even if the agent has not finished. He/She is then considered as available for a new chat interaction.

   Warning: this parameter also applies to Messenger and Twitter interactions.

4. Click **Save** to save your entry.

   The system updates the list of existing chat profiles: the new profile is displayed.

5.7.3 Assigning a profile to users

This procedure allows you to assign a profile to several users in a single action. The assigned chat profile is visible from the user sheet (Administration > Tenants > Users > Properties tab).

5.7.3.1 Associating users with the profile

This procedure massively assigns a chat profile to N users. However, you can also perform this association in the user sheet.

1. From the **Administration** tab, click **Tenants** > **Users** > **Chat Profiles**.
2. Select the profile to modify.
3. Click the **Users** tab.

   ALE Connect displays the list of users who already have this profile.
4. Click the **Add users** button.

   ALE Connect automatically displays the list of all users who do not have a chat profile yet. For each of them, you can view his/her first name, last name, login, validity end date, group and future chat profile.

   If the list is too long, you can search by using the available filters: by selecting a user group, OR by entering his/her name, first name or login. The entry area operates in “Contains" mode.
5. Select, from the obtained list, the users to be added.

   For a unitary selection, manually check each user to be added to the profile. To perform a multiple selection, you can select all the elements of the current page or select all (all pages).
6. When the selection is complete, click the **Add selected users** button.

   ALE Connect returns to the list of users of the profile: it has been updated.

5.7.3.2 Deleting an association

Any user must have a chat profile: that is why this field is mandatory in the user sheet. It is therefore not possible to delete the assignment of a profile without replacing it by another.

There are two ways to change the chat profile:

- **Solution #1**: you directly change the sheet of the affected user by selecting another chat profile. The list of users of the newly selected chat profile is automatically updated. This procedure is to be preferred when it is punctual.
- **Solution #2**: you add users to the new chat profile that you wish to assign to them. This action removes them from the former profile to which they were assigned. At the same time, ALE Connect updates the corresponding field in the user sheets affected.

5.7.4 Modifying a chat profile

Warning: agents and supervisors with this profile must log out from their ALE Connect interface and relog in, so that the changes are taken into account.

1. From the **Administration** tab, click **Tenants** > **Users** > **Chat Profiles**.
2. Click the **Modify** button () located on the line of the affected profile.
3. Modify, as needed, the properties of the chat profile.
4. Click **Save** to save your entry.

   The system updates the list of existing chat profiles.

5.7.5 Deleting a chat profile

It is not possible to delete the default chat profile of the tenant.

1. From the **Administration** tab, click **Tenants** > **Users** > **Chat Profiles**.
2. Click the **Delete** button () located on the line of the affected profile.

   ALE Connect asks you to confirm the deletion.
3. Click **Yes**.

   ALE Connect updates the existing list: the deleted profile is no longer listed.

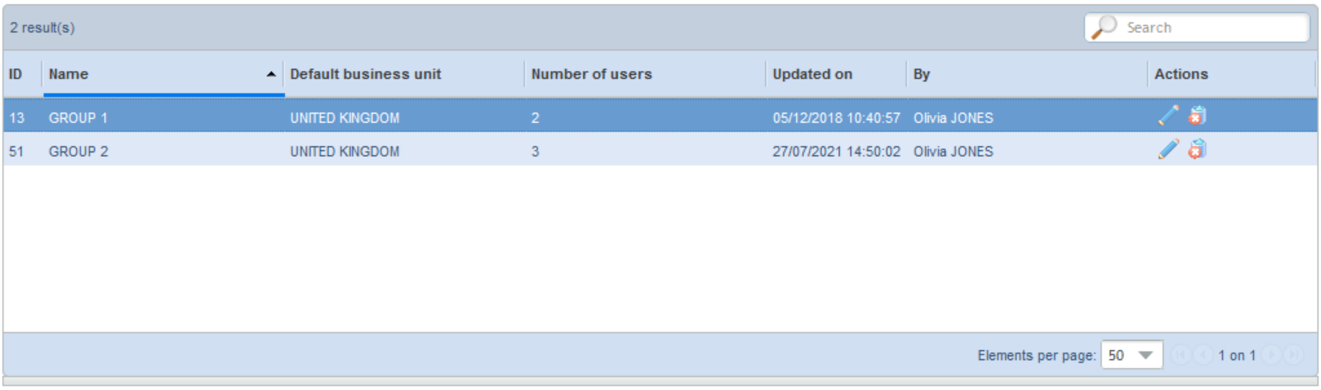
5.8 User groups

A group includes users with rights on queues, processing parameters, languages and skills. Any user assigned to a group automatically inherits the agent profile for the queues assigned to this group. A user group thus allows a set of common parameters to be applied to all the users attached to it. Any change of setup is therefore applied to all users in the group.

Warning: a user cannot belong to several groups.

5.8.1 Overview

This functionality is available from the **Administration** > **Tenants** > **User Groups** menu. The upper part of the screen displays the list of all existing groups. By default, they are sorted by name in ascending alphabetical order (A-Z). Nevertheless, it is possible to order the list according to the criterion of your choice, by clicking the header of the corresponding column.



For each group, you can view:

- unique ID,
- name,
- default business unit on which users will consume accesses and tokens at login,
- total number of users,
- date and time of last update,
- name of the user who performed the action,
- available actions.

5.8.2 The DEFAULTUSERGROUP group

A group named DEFAULTUSERGROUP is automatically created by the provisioning. It has the following characteristics:

- **Business unit:** DEFAULTCLIENTSPACE
- **Queues:** all voice queues (pilots) are created with a Read/Reply and outbound calls access.
- **Skill:** default
- **Users:** all OXE agents and supervisors are assigned to this group by the provisioning.
- **Supervisors**: all OXE supervisors are assigned to this group by the provisioning.

Note: it is possible to rename this group if the default name does not suit you. This change has no impact on the provisioning.

5.8.3 Creating a user group

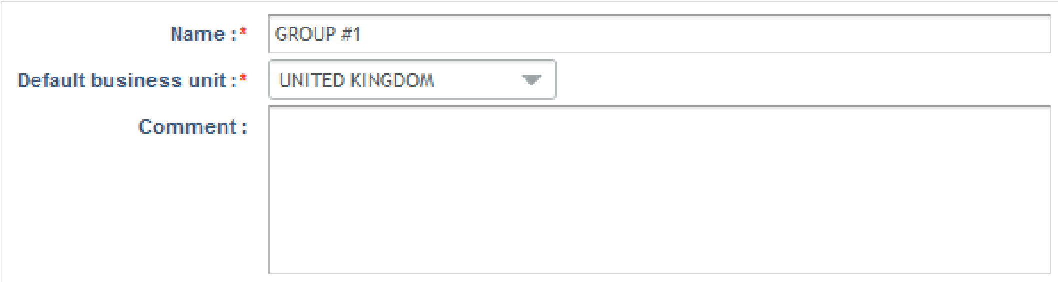
1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Click the **New user group** button above the list.
3. Fill in the properties of the user group.
4. Click **Save**: the group is now created.
5. Set up the access rights to the different queues.
6. Define the skills of the group and their level of expertise.
7. Indicate the working languages of the group.
8. Select the users who belong to the group.
9. Select the supervisors of the group.
10. Set up the redirection profile of the group.
11. Check the summary of your setup.

    The setup of the user group is complete.

5.8.3.1 Properties tab

This tab allows you to identify the group.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Select the relevant group by clicking the corresponding line.
3. The **Properties** tab is displayed by default:

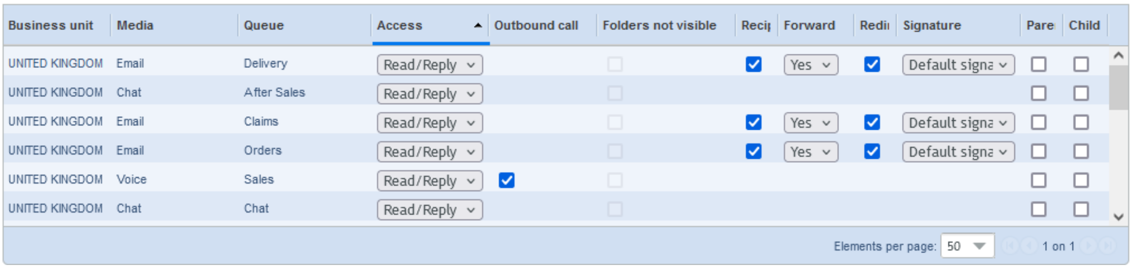


4. Enter a unique **name** that clearly identifies the user group.
5. Select the business unit on which this group is allowed to work.
6. Enter a comment related to the group (objective, working order, warning, etc.).
7. Click **Save** to validate your entry.

5.8.3.2 Queues tab

This tab displays all the queues of the selected tenant. For each of them, you must set up the access rights of the users who belong to the group.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Select the relevant group by clicking the corresponding line.
3. Click the **Queues** tab.



4. For each queue, fill in the following parameters:

   Access
   Select the access right to the queue for all users of the group.
   No: users cannot access the folders of the queue (default choice).
   Read: users of the group can only view the folders of the queue.
   Read/Reply: users of the group have the right to process incoming folders. If the media of the queue is Email, users can read and reply to the messages. However, they will only be able to send spontaneous emails if the corresponding right has been activated in their user profile. If the media of the queue is Voice, users can process incoming calls. The ability to perform spontaneous outbound calls in the context of this queue is described below.
   When the group has no rights on a queue or has read-only rights, the Recipients, Forward, Redirection and Signature parameters are useless.

   Warning: if you change the access, the agents and supervisors of this group must log out from their ALE Connect interface and relog in so that the changes are taken into account.

   Outbound call
   This option is only active when the Read/Reply access right (previous parameter) has been selected and the media of the queue is Voice. If it is checked, the users of the group are allowed to perform outbound calls. Any change of this parameter is taken into account immediately and transparently: agents and supervisors do not need to log out from their ALE Connect interface.

   Warning: if no voice queue in the group has this option activated, the agents of this group will not be able to perform spontaneous outbound calls.

   Folders not visible
   When the access right allowed on the queue is Read, check this option so that users of the group only have access to histories of folders for this queue. Any change of this parameter is taken into account immediately and transparently: agents and supervisors do not need to log out from their ALE Connect interface.

Recipients
This option only affects the queues of Email media. When it is checked, the agents of the group have the right to freely enter the email address of the main (A field), copied (Cc field) and/or blind (Cci field) recipients. This rule is also valid for email addresses of the experts to whom the files are sent for expertise. If this option is not checked, the agents have no choice but to select the email recipients from the address book.

Note: spontaneous emails are not affected by this option.

Forward
Check this option so that the agents in the group have the right to forward a folder (option not available for a voice queue). Otherwise, the Forward option will be inactive. Any change of this parameter is taken into account immediately and transparently: agents and supervisors do not need to log out from their ALE Connect interface.

Redirection
Check this option so that the agents in the group have the right to redirect a folder to this queue. Any change of this parameter is taken into account immediately and transparently: agents and supervisors do not need to log out from their ALE Connect interface.

Signature
This option allows to systematically add a signature to the replies sent by the agents of the group.
No user signature: outbound emails from the queue do not contain the agent's signature.
Default signature: outbound emails contain a default signature including the agent's first and last names saved in his/her user sheet.
Nickname: outbound emails contain the customised agent's signature, defined in the Signatures tab of his/her user sheet.
The signature of messages sent by an agent can be consists of three parts: the signature of the business unit, the signature of the queue and the agent's signature (if they have been set up). Any change of this parameter is taken into account immediately and transparently: agents and supervisors do not need to log out from their ALE Connect interface.

Parent/Child
To facilitate your entry, these options allow you to duplicate the setup of a queue (Parent) and copy it to one or more other queues (Child).

5. Click **Save** to save your entry.

5.8.3.3 Skills tab

You must specify the skills of the users in the group, and then rate the level of expertise for each of them between 0 and 5; 5 being the highest level. On the contrary, 0 means that the users do not have the skill: they will therefore not be eligible to process interactions that require it.

This common setup is applied by default to all users in the group. However, you can customise it by agent in the Skill level tab of the user sheet.

Warning: the agents and supervisors of this group must log out from their ALE Connect interface and relog in, so that the changes are taken into account.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Select the relevant group by clicking the corresponding line.
3. Click the **Skills** tab.

All the skills associated with the tenant to which the group belongs are displayed.

4. Set up for each skill:

   Rights
   Check this option to assign the current skill to the group. By default, the group has no skill assigned.

   Visible by supervisors
   If you check this option, the supervisors will be able to view the skill and change the level of expertise of the agents they supervise, via their ALE Connect interface. This operation allows them to impact the distribution of chats. It is necessary when the supervisors need to regulate high or low activity, handle temporary or unexpected peaks of activity, or favour the processing of this media. In order to make this functionality as effective as possible, it is recommended (but not mandatory) to set up ALE Connect so that the software distributes interactions fairly, according to agent skill levels first, then interaction age. These equity rules are set up at the business unit level.

   A supervisor may also decide whether his/her changes are:
   - temporary. The changes performed are only valid for the current session of logged in agents. The agents will return to their usual skill levels, at their next ALE Connect login.
   - persistent. The skill levels changed by a supervisor become the new default values and are updated in the sheet of each user affected.

   Warning: if the option is not checked, the skill is hidden from the supervisors. None of them will be able to change the level of expertise of the users in the group, for this skill.

Levels
Check the level of expertise of the group for the current skill (from 0 to 5).

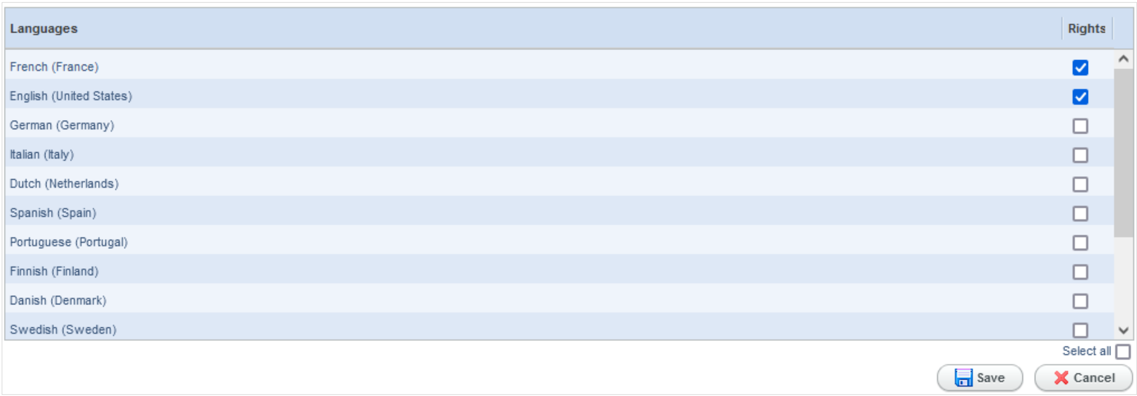
Update the user level
Check this option to apply the setup of the current skill to the sheet of all users in the group. The other skills keep their specific setup. If this option is not checked, the level of expertise is only defined for the group.

5. Click **Save** to save your entry.

5.8.3.4 Languages tab

It consists in defining the working languages of the group's users. Any change of rights on a language is taken into account immediately and transparently: agents and supervisors do not need to log out from their ALE Connect interface.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Select the relevant group by clicking the corresponding line.
3. Click the **Languages** tab.



4. Check the working **language** of the group's users.
5. Click **Save** to save your entry.

5.8.3.5 Users tab

This tab allows to add or remove, at any time, the users within a group.

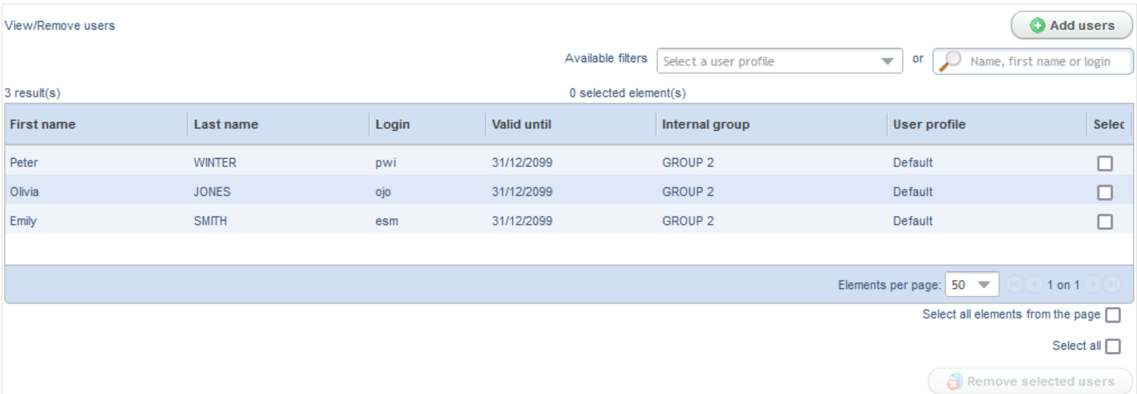
Adding a user

Warning: a user can only belong to one group. If you associate a user who is already assigned to another group, ALE Connect adds him/her to the current group and automatically removes the previous association.

When you move a user from a group to another, only the statistics are affected. For example: an agent belongs to the A group with rights on the A queue. He/She is moved to the B group. As a result of this change, the supervisor of the A group no longer views the agent's statistics. However, the supervisor of the B group can view not only these statistics, but also those from before the change of group if he/she also supervises the A group, or if the B has rights on the A queue.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Select the relevant group by clicking the corresponding line.
3. Click the **Users** tab.

   ALE Connect displays the list of all users who already belong to the group:



   For each of them, you can view his/her first name, name, login, validity end date, group and future user profile.

4. Click the **Add users** button.

   ALE Connect displays the list of all users, whether or not they already are assigned to a group.

5. Search the users to be assigned to the group by using the available filters: either by selecting a user profile from the list, OR by entering his/her name, first name or login. The entry area operates in “Contains" mode.
6. Add the desired users from the obtained list.

   For a unitary selection, check manually each user to be added to the group. To perform a multiple selection, you can select all the elements of the page or select all (all pages).

7. Click the **Add selected users** button.

   ALE Connect returns to the list of users in the group: it has been updated.

Removing a user

Warning: if a user is deleted from the database, he/she is not deleted from the group; so that statistics can continue to be carried out. To permanently delete a user, you should remove him/her from the group BEFORE deleting him/her from the database.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Select the relevant group by clicking the corresponding line.
3. Click the **Users** tab. ALE Connect displays the list of users who belong to the group.
4. Select, from the list, the users to remove.
5. Click the **Remove selected users** button.

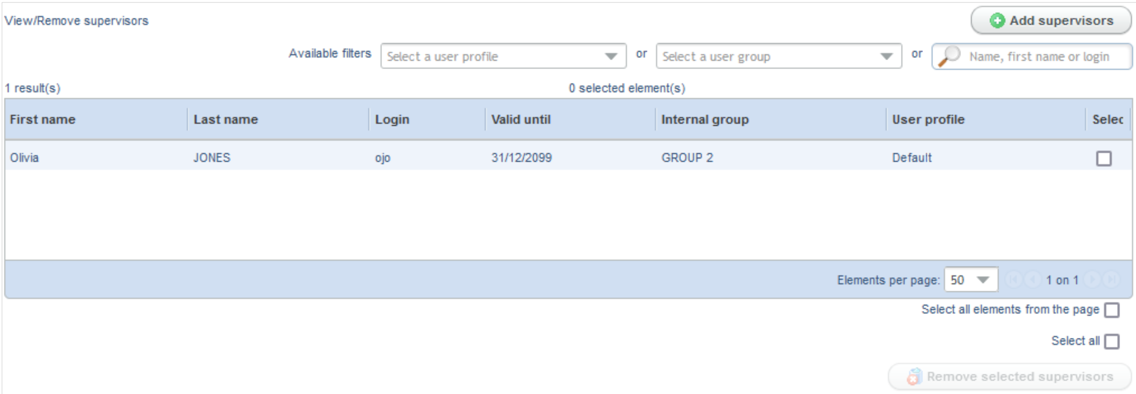
   ALE Connect asks you to confirm this action.
6. Click **Yes** to confirm the deletion, or **No** to cancel this action.

   ALE Connect updates the list: the removed users are no longer displayed.

5.8.3.6 Supervisors tab

It consists in declaring the supervisor(s) of the group. The selection principle is the same as for group users. This tab is read-only if the user logged in to the administration interface has a supervisor profile.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Select the relevant group by clicking the corresponding line.
3. Click the **Supervisors** tab.



4. Click the **Add supervisors** button.
5. Search the users to be assigned to the group by using the available filters: either by selecting a user profile from the list, OR by selecting a user group, OR by entering his/her name, first name or login. The entry area operates in “Contains" mode.
6. Select the users who are supervisors of this group, from the obtained list.

   For a unitary selection, check manually each user. To perform a multiple selection, you can select all the elements of the page or select all (all pages).
7. Click the **Add selected supervisors** button.

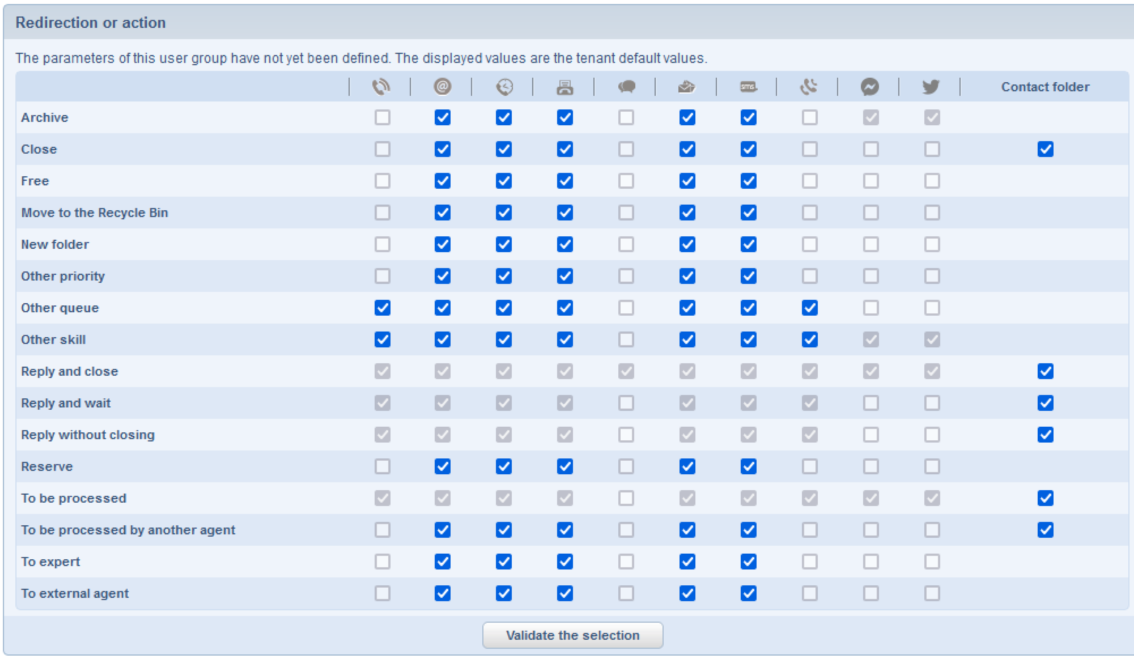
   ALE Connect returns to the list of group supervisors: it has been updated.

5.8.3.7 Redirection profile tab

You must define the rights of the users of the group, by specifying which actions are allowed or forbidden by media. A default redirection profile is already applied to all users of a tenant, regardless of their belonging group. However, it is possible to customise here the group profile. Any change of the profile is taken into account immediately and transparently: agents and supervisors do not need to log out from their ALE Connect interface.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Select the relevant group by clicking the corresponding line.
3. Click the **Redirection profile** tab.

   The following screen is displayed:



4. For each action and media, check the actions allowed or uncheck the actions forbidden.

   Refer to the detail of actions in the Default redirection profile section.
5. Click the **Validate the selection** button to save the entry.

5.8.3.8 Summary tab

It summarises all the elements associated with this user group, that is to say queues, skills, languages and realtime queues.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Select the relevant group by clicking the corresponding line.
3. Click the **Summary** tab.

   The summary of the rights allowed to this group is displayed in details.

5.8.4 Modifying a user group

If the change consists in renaming the group, make sure to update the lists of values filtered on the user group names, which are used within customised reports (reporting module of the ALE Connect supervision interface).

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Click the **Modify** button () located on the line of the affected group.
3. Change the desired properties.
4. Click **Save**.

5.8.5 Deleting a user group

This action is possible even if the group is not empty. The relevant users will no longer be assigned to any group.

Warning: it is not possible to delete a group created by a provisioning operation.

1. From the **Administration** tab, click **Tenants** > **User Groups**.
2. Click the **Delete** button () located on the line of the affected group.

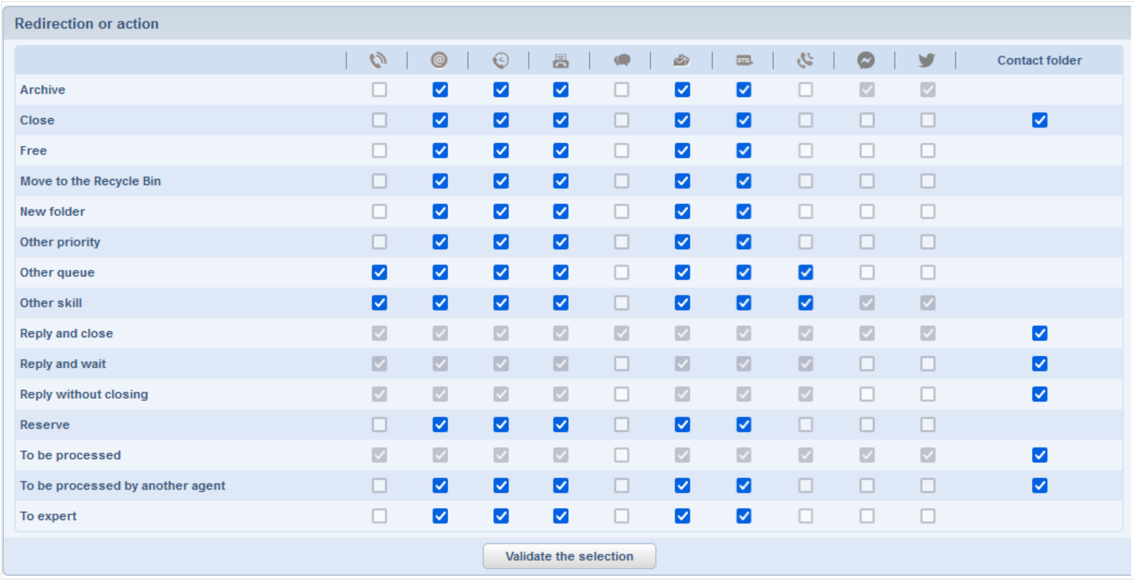
   ALE Connect asks you to confirm the deletion.
3. Click **Yes** to permanently delete the group, or **No** to abandon this action.

   ALE Connect updates the list: the group is no longer displayed.

5.9 Default redirection profile

This functionality allows you to choose which actions that agents (and supervisors) can and cannot perform when processing a folder, on their ALE Connect interface. The setup can be customised by action and by media. The default redirection media is applied to all user groups of the selected tenant. However, you can define a specific redirection profile by group, if you need to differentiate the permissions. In that case, this is the setup at the group level which is applied by the system.

1. From the **Administration** tab, click **Tenants** > **User Groups** > **Default Redirection Profile.**



   The screen displays a table of options to check or uncheck: each row corresponds to an action and each column to a media. As reminder, the available media depend on the license acquired. Some options are voluntarily greyed out since they are managed by the system.

2. For each media, check the actions allowed or uncheck those that should be forbidden to users:

   To be processed
   The agent has the right to manually create a folder with the To be processed status for a new contact, on the agent interface.

   To be processed by another agent
   The agent has the right to redirect a folder to another agent whom he/she considers more qualified to process it.

   Archive
   The agent has the right to directly archive a folder without providing a response. It is then sorted in the Processed desktop.

   Other priority
   The agent has the right to change the priority assigned to a folder.

   Close
   The agent has the right to close a folder.

Free
The agent has the right to delete the assignment of the folder to the current agent. No agent is any longer assigned to the folder. If agents work in push mode, this action returns the folder to the list of folders to be processed, without changing its status.

Move to the Recycle Bin
The agent has the right to move the folder to the recycle bin, whether or not it was processed, without changing its status. Only supervisors have access to the recycle bin: they can then permanently delete the folder or reactivate it as the case may be.

New folder
The agent has the right to create an email folder from an existing folder that already contains several exchanges. This new folder contains the information from the last exchange. The status of the source folder remains identical.

Other skill
The agent has the right to modify the skill associated with the folder. The folder status is not affected by this change. If this option is checked, the skills associated with the group will be suggested when requesting a redirection.

Other queue
The agent has the right to redirect the folder to a more appropriate queue for its contents. The folder status remains the same. If this option is checked, the queues associated with the group will be suggested when requesting a redirection.

Reply and wait
The agent has the right to reply to the folder and to put it on hold. The reply is sent to the contact waiting for further information. The folder is stored in the desktop of processed folder. When the contact replies, the folder returns to the desktop of folders in progress and changes its status to Contact reply.

Reply and close
The agent has the right to reply without closing the folder. The reply is then sent to the contact. The folder changes to the Closed status and is stored in the desktop of processed folders. If the contact sends a new message related to this folder, its status changes to the To be processed status in the In progress desktop.

Reply without closing
The agent has the right to reply without closing the folder. This action is available only if the folder depends on a queue in pull mode. It allows you to send a non-final reply to the contact (to keep him/her waiting, for example). The folder remains at the To be processed status.

Reserve
The agent has the right to assign to himself/herself one or more folders to be processed later.

To expert
The agent has the right to redirect the folder to an expert, in order to get his/her advice on its processing or the reply to be given. Once forwarded, the folder changes to the Expert waiting status. The experts are either recipients created in the address book, or third parties for which the email address is freely entered by the agent when sending the folder (if the agent’s rights allow it).

Contact folder
Sometimes, an agent may need to manually create a new folder (following the receipt of a letter, for example). Once the folder filled in, and to validate it, the agent must choose from a scrolling list the action to perform: reply and wait, reply and close, etc.

This checkbox allows you to show or hide the current action in the list of actions suggested to the agent.

Note: if no action is checked in the Contact folder column, the agent is blocked when validating the folder, as the Send button is greyed out.

3. Click **Validate the selection** to save your entry.

6 Contacts

A contact is a person or an entity (such as a company for example) with whom/which an agent can interact in ALE Connect by using the various media available.

Any interaction managed by ALE Connect is mandatorily associated with a contact, already identified or anonymous.

To this end, ALE Connect provides you with a contact database that you can use and enrich as your activity grows, to link them to the processed interactions. It can be fed in two ways: either by creating a sheet (new folder for example), or by importing a contact file. This second operation can only be performed by the coordinator of the ALE Connect tenant.

6.1 Contact sheet forms

A contact sheet identifies the person with whom the agent is in contact, according to his/her personal information (name, first name, etc.), and centralises all his/her folders. It is only accessible from the agent interface.

ALE Connect provides a default contact sheet form. It includes, among other things, the following 12 predefined fields that cannot be modified: title, name, first name, date of birth, verbatim, company, street number, street, building, postcode, city and comment. However, you can customise this form by adding additional fields. This is particularly the case when the sheet has to be multi-contact (it represents a company for example with several contacts).

6.1.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Contacts** > **Contact Sheet Form** menu. The upper part of the screen displays the list of all fields that are currently used by the default form. The lower part allows to add new fields.

Mapping between the contact fields and the mandatory form fields

Contact field	Type	Mapping	Order
Title	Character string	VARCHAR(255)	1
Name	Character string	VARCHAR(50)	2
First name	Character string	VARCHAR(50)	3
Date of birth	Date	DATE	4
Contact ID	Character string	VARCHAR(255)	5
Company	Character string	VARCHAR(255)	6
No.	Character string	VARCHAR(255)	7
Street	Character string	VARCHAR(255)	8
Locality / Residence	Character string	VARCHAR(255)	9
Building	Character string	VARCHAR(255)	10
Postcode	Character string	VARCHAR(255)	11
City	Character string	VARCHAR(255)	12
Country	Character string	VARCHAR(255)	13
Home phone	Character string	VARCHAR(255)	14
Mobile phone	Character string	VARCHAR(255)	15
Email address	Character string	VARCHAR(255)	16
Verbatim	Character string	VARCHAR(4000)	17
Comment	Character string	VARCHAR(1000)	18

Mapping between the contact fields and the optional form fields

	Contact field	Technical alias for the contact sheet	Type	Mapping	Order
− +			Character string	VARCHAR(255)	

Add Delete

The screen displays:

- name of the field in the contact sheet,
- format (integer, character string or date),
- format of the selected type of field allowing its mapping,
- display order in the form.

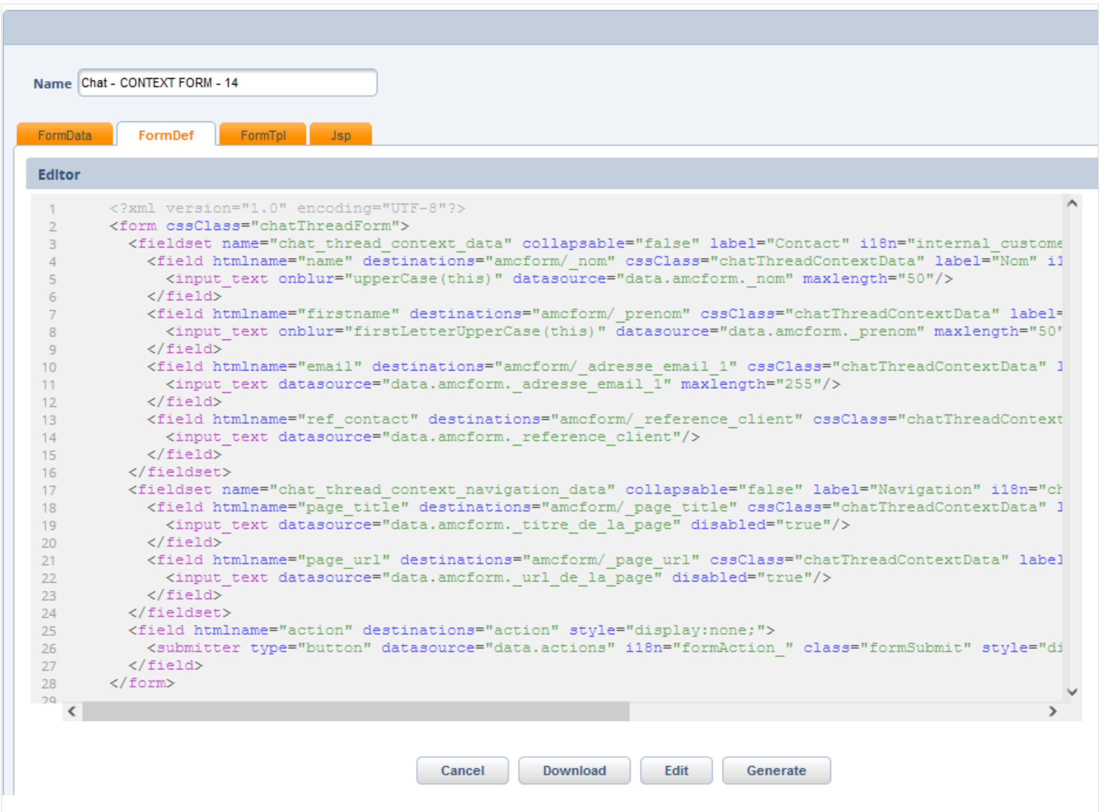
6.1.2 Adding a field to the contact sheet

1. From the **Administration** tab, click **Tenants** > **Contacts** > **Contact Sheet Form**.
2. At the bottom of the screen, in the **Mapping between the contact fields and the optional form fields** area, enter the name of the field to be added.
3. Fill in the information related to the new field.
4. Click the **Add** button to save the new field.

6.1.3 Setting up a field added in the form

1. From the **Administration** tab, click **Tenants** > **Contacts** > **Form Editor**.
2. Select the type of form, the business unit and the AMC formula desired.

   The list of matching forms is displayed:
3. Click the **Edit** button () located on the line of the form in which the field must be added.
4. Click the **FormDef** tab. The following screen is displayed:



5. Click the **Edit** button in order to modify the tab content.
6. Enter the code declaring the addition of the field, previously created.

Example of content to add a field named **Class**:

```
<field htmlname="Class" label='${r"${data.customer.Class.label}"}'
destinations="customer/Class">
    <input_text datasource="data.customer.Class.value"
disabled="data.customer.Class.readOnly"/>
</field>
```

7. Click **Validate the syntax** to check whether the code entry rules are compliant: the “The content is valid” message should be displayed.
8. Click **OK** to save your entry.
9. Click **Generate**: the **FormTpl** tab is displayed.
10. Validate and generate the **FormTpl** tab: the **Jsp** tab is displayed.
11. Switch to edit mode then validate the **Jsp** tab.
12. The form must be published to be visible in the agent interface.

6.1.4 Embedding data from a structured email in a contact sheet

It consists in extracting data from a structured email (name, first name, age, etc.) to a contact sheet. This procedure is implemented in two steps: by setting up the structured form, then by setting up a management rule to apply to the structured email.

1. From the **Administration** tab, click **Tenants** > **Contacts** > **Form Editor**.
2. Select the type of form, the business unit and the AMC formula desired.

   The list of matching forms is displayed:
3. Click the **Edit** button () located on the line of the affected form.
4. Specify the types of data to be extracted by setting up the structured form.

   The types of data to be extracted should be displayed in the **Contact sheet mapping** column.

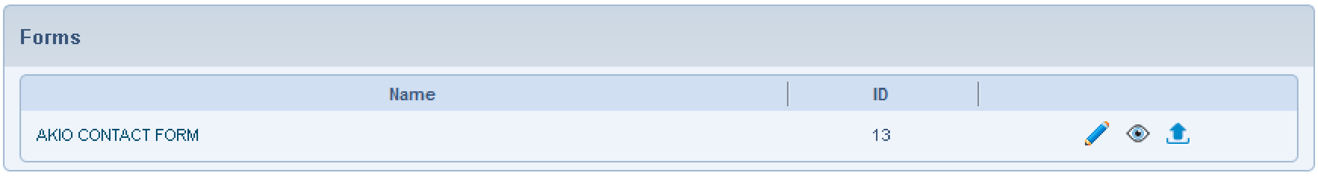
6.2 Forms

ALE Connect provides by default a form named AKIO CONTACT FORM which allows to store contact data. This data can come from a web form, a voice scenario, or from the context of internet navigation (chat). Once stored, this data is used to enrich and customise emails associated with this contact, or can be used as variables when integrating other customer relationship tools.

If desired, it is possible to modify this form by adding new fields for example. In that case, ALE Connect will only add the new information from the form to each contact sheet. The other fields are not updated (their values are kept).

6.2.1 Overview

This functionality is available from the **Administration** > **Tenants** > **Business Units** > **Forms** menu. The upper part of the screen displays the list of all existing forms. Each row of the table corresponds to a form.



For each form, you can view:

- name,
- unique ID assigned by the system,
- possible actions represented by an icon.

Click the following icon to:

 Modify a form

 Preview a form

 Export extracted data

6.2.2 Modifying a form

This action allows you to adapt the AKIO CONTACT FORM within certain limits, especially if you need to add new fields.

Warning, the following data cannot be modified:
- **Length** of a field.
- **Name** of certain fields to ensure that the form works properly. They are greyed out in the interface.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Forms**.
2. Click the **Modify** button () located on the line of the form to modify.
3. Perform the changes you wish.
4. Modify the display order of the fields in the form if necessary.
5. For each field in the form, select the corresponding field in the contact form from the **Contact Sheet Mapping** scrolling list.

   The scrolling list **displays only those fields defined in the** **Contact Sheet Form** **AND whose length is greater than or equal to that of the field** for which you are mapping. This menu will automatically feed the contact sheet with the structured information contained in the incoming folders.
6. Click **OK** to save your entry (or **Back** to abandon this action).

   ALE Connect saves the changes and updates the form information.

6.2.3 Previewing a form

You can preview the structure of the email expected by the management engine, to consider the form as valid and to be able to extract the data. Additional information specifies the number of mandatory fields and the maximum length of each field.

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Forms**.
2. Click the **View** button () located on the line of the form to preview.

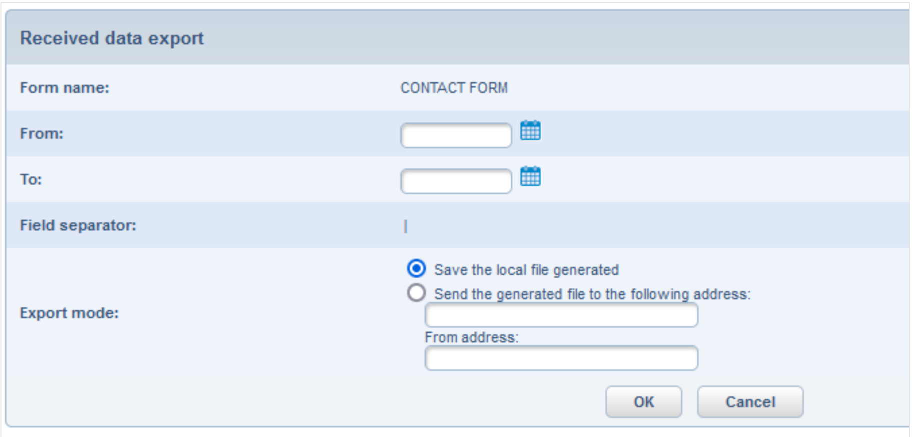
   ALE Connect displays a preview of expected data i.e. the different fields of the form in the desired format within an email.

6.2.4 Exporting the extracted data

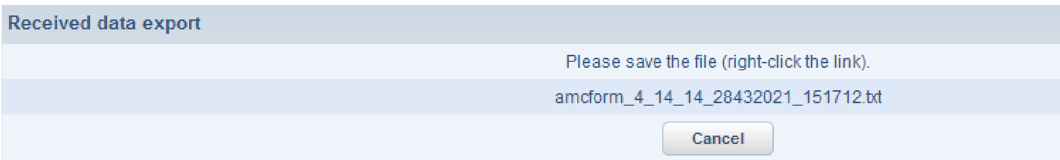
It is possible to export all the data of a form in a .txt file for exploitation, over the desired period. The separator character between the fields is |. The export process is automatically cancelled if its execution time exceeds 120 seconds (unchangeable timeout).

1. From the **Administration** tab, click **Tenants** > **Business Units** > **Forms**.
2. Click the **Export** button () located on the line of the affected form.

   ALE Connect displays the characteristics of the export:



3. You must fill in the period to be exported.
4. Indicate the desired export mode: save the .txt file generated locally, or send it to an email address to be specified.
5. In the **Address "From"** field, enter the shipping email address. It is used if the recipient uses the **Reply** action of his/her mailbox.
6. Click **OK** to confirm the data export.



7. Save the text file generated.
8. Click **Back** () to return to the list of forms.

6.3 Form editor

In ALE Connect, a form is a web page designed to collect information entered by a user (an agent, a web user) or filled in automatically by a system (from a structured email for example). The form is generally made of fields to be filled in, presented in different formats: entry areas, scrolling lists or checkboxes. Its formatting is structured to delimit its areas.

ALE Connect natively provides a number of forms that are an integral part of the agent/supervisor interface functionalities: contact sheet, processing of an incoming call, etc. The editor allows to customise them, or to create new ones. Their content can be adapted to the context of activity: fields, descriptions (internationalised or not), properties, order and classification, or even content according to the data source. The appearance of each form can also be customised to match the company's graphic charter, by inserting various objects: images, buttons or links.

Warning: the design, creation and customisation of forms is strictly reserved to ALE Connect coordinators.

6.3.1 Types of form

The types of form supported by ALE Connect are not stored in the database in the same way. Indeed, there are two different data structures to initialise the field values and save their new values:

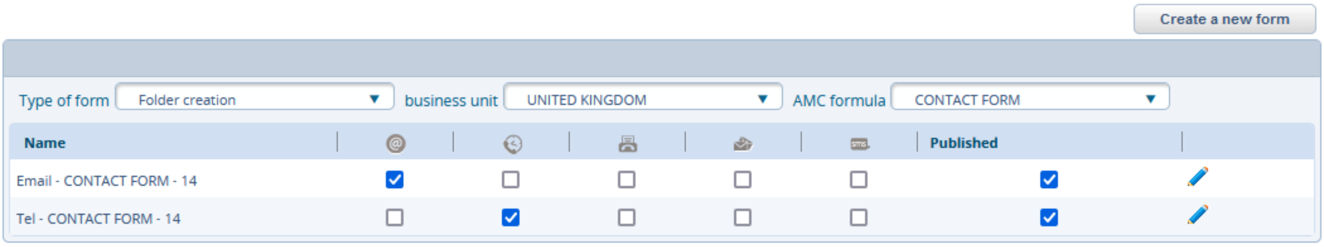
- **Contact sheet**
  This structure allows to store the **data of a contact** in database. It is used in read and/or write access by the forms. There is only one contact sheet structure by tenant. The contact sheet is by default single contact (only one interlocutor) but can be multi-contact subject to a specific setup.
- **AmcForm**
  This structure allows to store the **data of a folder** from a structured email in database. It is used in read and/or write access by the forms. There is by default an AmcForm for each business unit. The AmcForm should contain the fields that you wish to display and keep.

6.3.2 Forms provided by ALE Connect.

Type	Structure in database	Media	Use	Customisable elements
Folder creation	AmcFormula	All	Creating manually a folder, for a contact already existing or not	Full form
Creation/Edition of contact sheet	Contact sheet	All	Creating, viewing or modifying a contact sheet	Full form
Incoming call	AmcFormula	Voice	Processing an incoming call	Content of the Subject area displaying the call context
Incoming chat	AmcFormula	Chat	Processing a chat conversation	Content of the Subject area in the Info tab of the folder
Chat context	AmcFormula	Chat	Processing a chat conversation	Context information in the corresponding tab of the folder
Facebook Messenger context	AmcFormula	Facebook Messenger	Processing a Facebook Messenger folder	Context information in the corresponding tab of the folder
Facebook Messenger form	AmcFormula	Facebook Messenger	Processing a Facebook Messenger folder	Content of the Subject area in the Info tab of the folder
Twitter context	AmcFormula	Twitter	Processing a Twitter folder	Context information in the corresponding tab of the folder
Twitter form	AmcFormula	Twitter	Processing a Twitter folder	Content of the Subject area in the Info tab of the folder

6.3.3 Overview

This functionality is available from the **Administration** > **Tenants** > **Business Units** > **Form Editor** menu. The upper part of the screen displays criteria allowing to search the existing forms. The lower part displays the corresponding results:



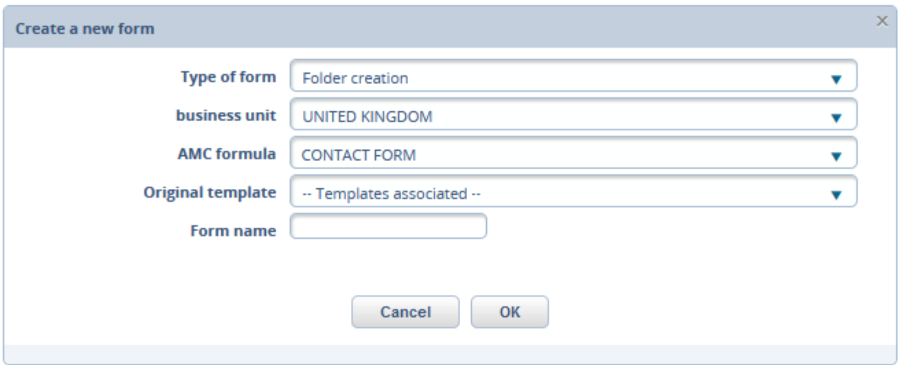
For each form, you can view:

- name,
- media for which it is used,
- information specifying whether or not the form has been published,
- available actions.

6.3.4 Creating a form

You wish to declare the use of a new form for a business unit. This action is always performed from one of the templates provided by ALE Connect.

1. From the **Administration** tab, click **Tenants** > **Contacts** > **Form Editor**.
2. Click the **Create a new form** button.



3. Fill in the following parameters:

   Type of form
   Select the type of form to be created. Warning, the fields to be filled in may vary according to the type chosen. It is possible to modify the selection as long as you have not validated this screen.

   Business unit
   Select the business units for which you wish to create the form.

AMC formula
Select, from the list, the data structure template to be used.

Original template
Select, from the list, the template from which you wish to create the form.

Form name
Enter the description of the form being created.

4. Click **OK**.

   The new form is displayed in the list: you can now change it in order to customise it.

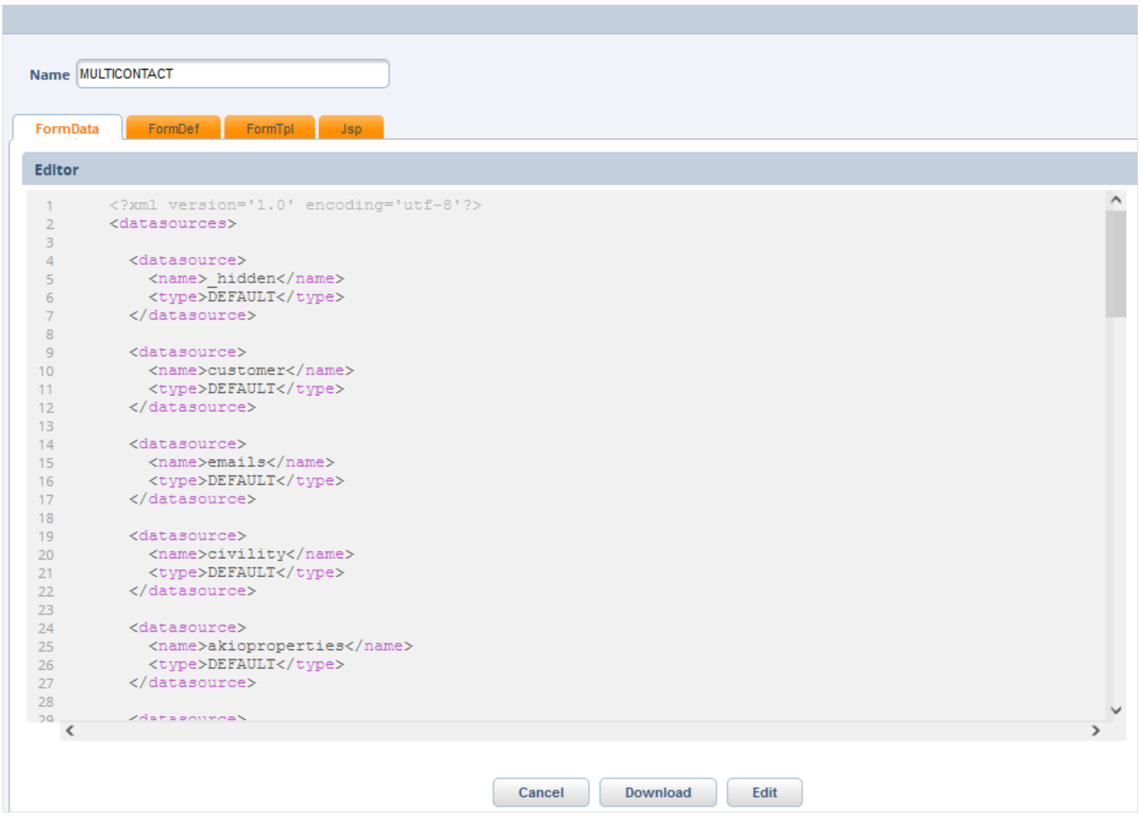
6.3.5 Modifying a form

This action allows you to modify and customise a form after its creation.

1. From the **Administration** tab, click **Tenants** > **Contacts** > **Form Editor**.
2. You must select a type of form.
3. Select a business unit and an AMC formula.

   These criteria are not mandatory: they are only displayed according to the type of form previously chosen.

4. Click the **Modify** button ( ) located on the line of the affected form.



The form is divided into 4 tabs:

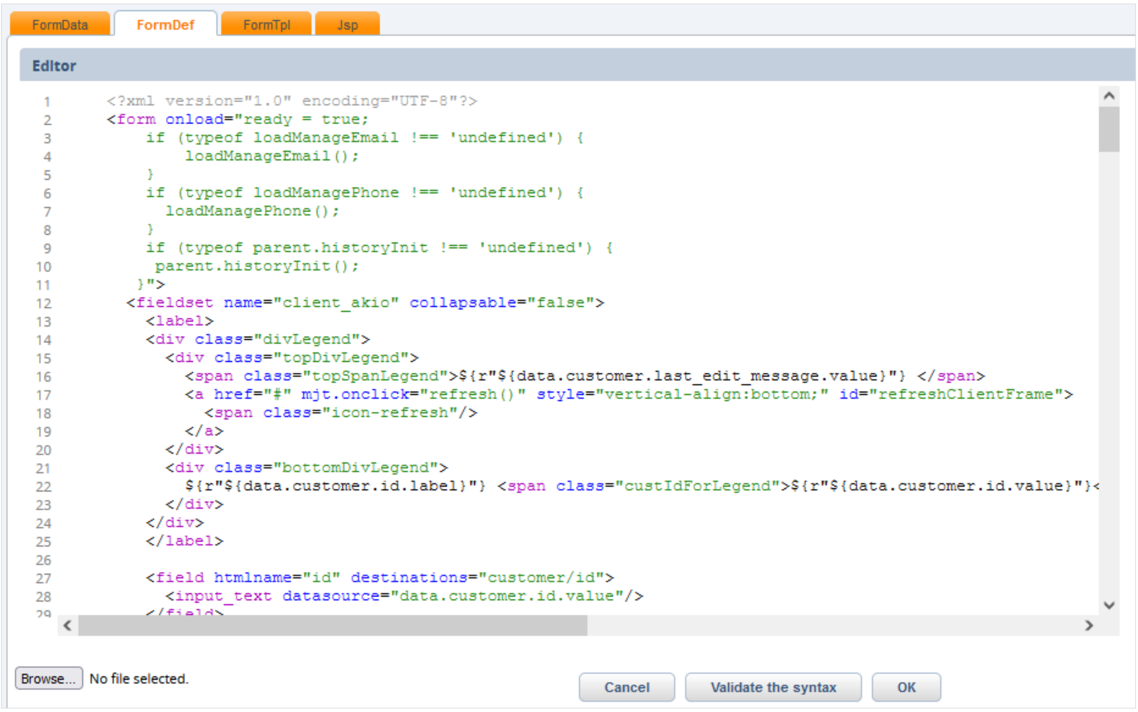
FormData: references source and recipient data that can be used.

FormDef: displays the form fields in read or write access. You set up the form here.

FormTpl: displays the JavaScript code of the form.

Generated: displays the JSP code generated from the FormTpl tab.

5. Click the **FormDef** tab.
6. Click the **Edit** button and change the content of the form.



7. Click **OK** to generate the JavaScript code that can viewed in the **FormTpl** tab.
8. Click the **FormTpl** tab, then the **Generate** button.

   This action generates the JSP code that can be viewed in the FormJsp. The folder is now generated.

6.3.6 Publishing a form

For a form to be used by agents and supervisors, you must publish it so that it is taken into account on the affected business unit. Please note that once the form is published, it cannot be deleted.

1. From the **Administration** tab, click **Tenants** > **Contacts** > **Form Editor**.
2. You must select a type of form.
3. Select a business unit and an AMC formula.

   The list of existing forms is displayed.
4. Check the **Published** option.

6.3.7 Deleting a form

Only unpublished forms can be deleted.

1. From the **Administration** tab, click **Tenants** > **Contacts** > **Form Editor**.
2. You must select a type of form.
3. Select a business unit and an AMC formula.

   The list of existing forms is displayed.
4. Click the **Delete** ( ) button located on the line of the affected recipient.

   ALE Connect asks you to confirm the deletion.
5. Click **OK**.

6.4 Importing contacts

You can import into ALE Connect a list of contacts from a .csv file. This operation is very useful to automatically feed the contact database, without having to create them one by one manually. The import process is performed in two successive steps: selection of the source file, then definition of import parameters. Once the import is executed, all contacts that did not exist in ALE Connect will be created and will have their own sheet. The existing contact sheets are updated (according to the import mode chosen).

6.4.1 Preparing the file to be imported

Before importing contacts, make sure that **the file to be imported is clean**: the data it contains must be correctly formatted according to the rules defined by ALE Connect. It is also important that it is relevant and of high quality. This will prevent the file from being rejected for download by ALE Connect, or having errors when executing the import (especially if the file is large).

You can only import files in .csv format with no limitation on the maximum number of rows.

6.4.1.1 Rules to be followed

✔	Any empty file or file with a **size of 0 KB** is rejected by ALE Connect.
✔	Data of each contact are displayed on **one single row**.
✔	Values are **separated by the same character** in the file (column separator defined when saving the file): comma, semicolon, pipe, tab or space.
✔	If the .csv file was generated from a spreadsheet program, the values are stored in **columns**.
✔	If the .csv file was generated from a text file, the contacts are separated by the **same delimiter** in the file: single quote (‘) or double quote (“).
✔	If **a value is missing**, two separators must follow each other (without spaces between them) so that the following values can be assigned in the correct fields.
✔	The **email** address is in local@domain format and it is valid.
✔	The **date of birth** is in DD/MM/YYYY format and its length is strictly less than 35 characters.
✔	The **postcode** does not exceed 5 characters.
✔	The **country** is 2-letter ISO 3166-1 code, or left blank so as not to prevent import.
✔	**Character strings** are strictly less than 50 characters long.
✔	Any **decimal number** uses a point as a decimal separator, and is comprised between 1.40239846E-45 and 3.40282347E38.
✔	The ID of the **assigned agent** corresponds to a user of the tenant for which the import is performed.
✔	The ID of the **assigned agent** is an integer comprised between -2147483648 and +2147483647.

6.4.1.2 Example of a correct file

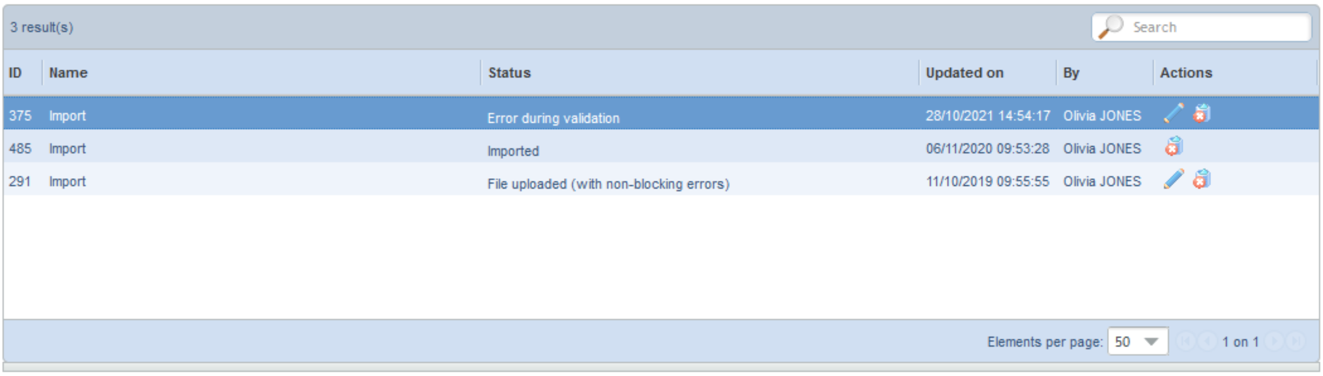
Here is an example of .csv file correctly structured:

```
Mr.,Firstname1,Name1,0102030405,Street,,London,namefirstname1@email-address.com
Mrs,Firstname2,Name2,0102030406,,,,name2firstname2@email-address.com
Mr.,Firstname3,Name3,0102030407,Street,Poscode,London,name3firstname3@email-address.com
```

It contains 8 fields: title, first name, last name, phone number, street, postcode, city and email address. The file was encoded in UTF-8 and the separator character used is the comma.

6.4.2 Overview

This functionality is available from the **Administration** > **Contacts** > **Import** menu. The upper part of the screen displays the list of all imports performed. By default, they are sorted in descending chronological order (from the most recent to the oldest), allowing you to immediately view the last imports performed. Nevertheless, it is possible to order the list according to the criterion of your choice, by clicking the header of the corresponding column.



For each import, you can view:

- unique ID,
- name,
- status,
- date and time of last update,
- user who created or modified it,
- possible actions represented by an icon.

6.4.3 Importing a new file

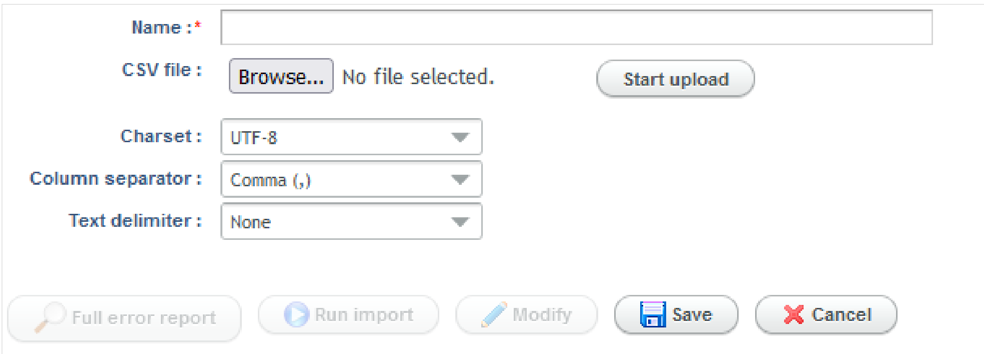
Before starting, make sure that the file to be imported was correctly prepared: refer to the preparation rules.

6.4.3.1 Step 1: selecting the source file

It consists in defining the nomenclature of the file, so that ALE Connect can read it and interpret its data correctly.

1. From the **Administration** tab, click **Tenants** > **Contacts** > **Import**.
2. Click the **Import a new file** button.

   The following screen is displayed:



3. You must enter a name that clearly identifies the import.
4. Click **Browse**.
5. Select the **CSV file** to be imported, then click **Open**.
6. Click **Start upload**.
7. Select the encoding method of data in the file: UTF-8 or ISO-8859-1.
8. Select the column separator character used in the file: comma, semicolon, pipe, tab or space.
9. Select, if applicable, the text delimiter used in the file: single quote (‘) or double quote (“).

   The delimiter is used to isolate each field in the .csv file, when a value occupies several rows or contains the column separator as a character.
10. Click **Save**.

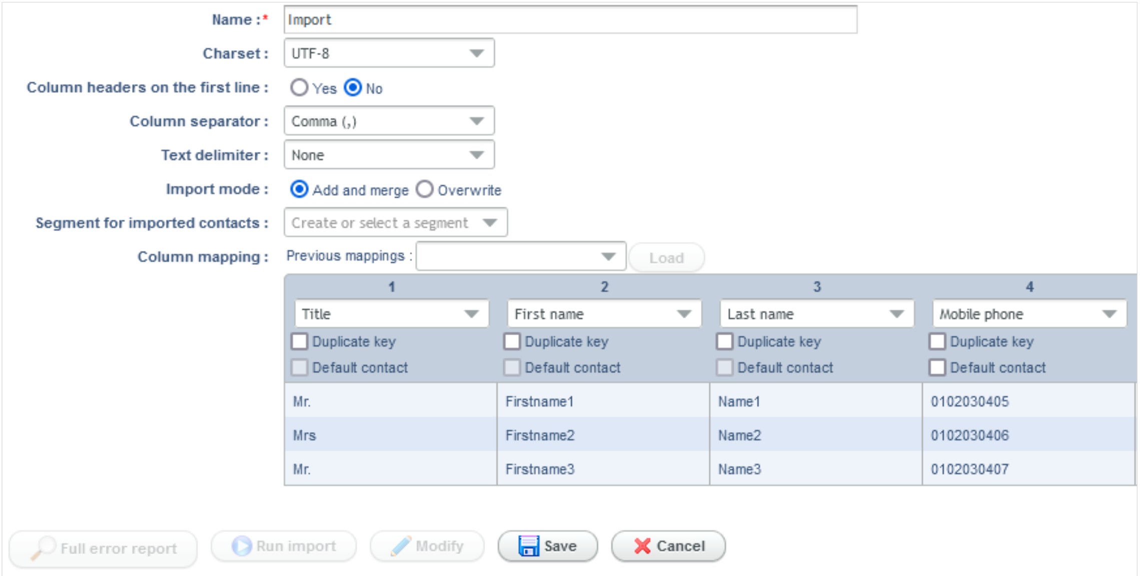
    ALE Connect checks the data format of the file. When everything is correct, the file changes to the **Ready to import** status. An overview of the imported contacts is generated: you proceed to step 2.

> **Warning:** as soon as ALE Connect founds an invalid data (except for the country code), the file is rejected.

6.4.3.2 Step 2: defining the import parameters

You are now viewing an extract of the imported contact file, displayed in a table. Each column corresponds to a field of the file. You should associate each of them with the corresponding field in the ALE Connect database (“mapping”).

1. Click the **Modify** button.



2. Fill in the following parameters:

   Name (mandatory)
   Name identifying the current import. It can be modified.

   Charset
   Encoding method of data in the file: UTF-8 or ISO-8859-1. You can change it if you notice that the table is not displayed correctly: this means that the file has not been interpreted correctly (probably because the file characteristics chosen in step 1 were not as expected).

   Column headers on the first row
   Indicate whether or not the first row of the file is a header row with column names. If not, the first row of the table is interpreted as the following ones (in other words, as a contact).

   Column separator
   Column separator character used in the file: comma, semicolon, pipe, tab or space. As for charset, you can change it if you notice that the table is not displayed correctly.

   Text delimiter
   Character (optional) used in the file to isolate each value: single quote (‘) or double quote (“). As for charset and column separator, you can change it if you notice that the table is not displayed correctly.

Import mode
Check the import mode desired:
Add and merge: ALE Connect adds, in each contact sheet, only the new information from the imported file that did not exist before. The other fields are not updated (their values are kept).
Overwrite: the information of a contact, already existing in the ALE Connect database, is replaced by the information of the import file except for the information used as duplicate keys. The other fields of the contact sheet that are not part of the imported data are deleted.

> **Warning:** if an email address is found in the imported file, it is added to the existing email address(es) of the contact, then defined as his/her main email address, regardless of the import mode chosen.

Segment for imported contacts
Parameter unavailable.

Column mapping
Select, from the header of each column in the table, the field of the ALE Connect database that matches the content of the column. To go faster (especially if the number of columns is large), you can reuse an existing configuration if it is identical to the association you are defining.

> **Warning:** it is not possible to import several email addresses or phone numbers for a same contact.

Duplicate key
You must check at least one column to eliminate the duplicate contacts during the import (otherwise, when validating, the following error message will be displayed “Error during validation” and you will not be able to run the import). For example, if you check this option for the Name column, ALE Connect will eliminate the contacts who have the same last name. The deduplication works differently depending on the import mode chosen:
Add and merge: when the contact sheet already exists in the ALE Connect database, its blank fields are updated from the values found in the import file. The other fields of the contact sheet and those that are checked as duplicate keys are not updated.
Overwrite: when the contact sheet already exists in the ALE Connect database, its fields are updated from the values found in the import file (except for duplicate keys). However, the other fields are deleted.
If the imported file itself contains duplicates, the rows are processed successively: as soon as ALE Connect finds a contact that does not exist in the database (for the fields checked as duplicate keys), a new sheet is created. As soon as it finds a duplicate in the following rows, the contact sheet is updated depending on the import mode. Finally, if there are already duplicates in the database, ALE Connect updates the contact sheet with the smallest ID (i.e. the oldest).

> **Warning:** a technical error is displayed when ALE Connect finds more than 1000 duplicate contacts. Error rows of the imported file are reported in the error report. The correct rows are imported.

Default contact
Parameter unavailable.

3. Click **Save** to save your entry.
4. Click the **Run import** button.

   ALE Connect checks and imports the file, by using the defined parameters. The error rows are not imported, so as not to block the processing (especially if the file is large).

   When the import is complete, the contact sheets are created or updated depending on the case. A report shows you which rows, if any, are in error and need to be corrected.

6.4.4 Running an import

This action allows you to trigger immediately the import of a contact file, ready for use. It is not possible to stop the process when it is in progress. Once complete, the contacts are created in the ALE Connect database. To be sure, you can perform a quick check by searching some imported contacts on the agent interface.

1. From the **Administration** tab, click **Contacts** > **Import**.
2. Click the **Run import** button ( ) located on the line of the affected import.

   ALE Connect asks you to confirm this action.
3. Click **Yes** to launch the processing, or **No** to abandon this action.

   ALE Connect triggers the import: when it is complete, its status changes to “Imported”.

6.4.5 Modifying an import

Warning: it is not possible to modify a completed import. Access to its tabs is read-only.

1. From the **Administration** tab, click **Contacts** > **Import**.
2. Click the **Modify** button ( ) located on the line of the affected import.
3. Modify the desired parameters.
4. Click **Save**.

6.4.6 Deleting an import

You can delete an import at any time, no matter its status. This function is particularly useful to clean the list of obsolete imports.

1. From the **Administration** tab, click **Contacts** > **Import**.
2. Click the **Delete** button ( ) located on the line of the affected import.

   ALE Connect asks you to confirm this action.
3. Click **Yes** to permanently delete the import, or **No** to abandon this action.

   ALE Connect deletes the import: it is removed from the list.

6.4.7 Downloading the full error report

It may happen that errors, blocking or not, are generated following the import of the file: invalid email address, incorrect date format, etc. In that case, you can download the full error report in a text file.

1. From the **Administration** tab, click **Contacts** > **Import**.
2. Perform an import of contacts (steps 1 and 2).
3. Click the **Full error report** button.

   A window is displayed: it suggests you to open the text file with the application of your choice or to save it on your computer.
4. Check the desired option, and then click **OK**.

   The text file is now available: you can view it to correct the errors that occurred.

7 License

ALE Connect is protected by a technical license which reflects the subscribed offer in terms of **Connected Agent** (number of people who can simultaneously connect to the tenant at a given time) and **Interaction Channel** (number of media to which a user has a write access). Within ALE Connect, this protection mechanism is intended to control access to the application.

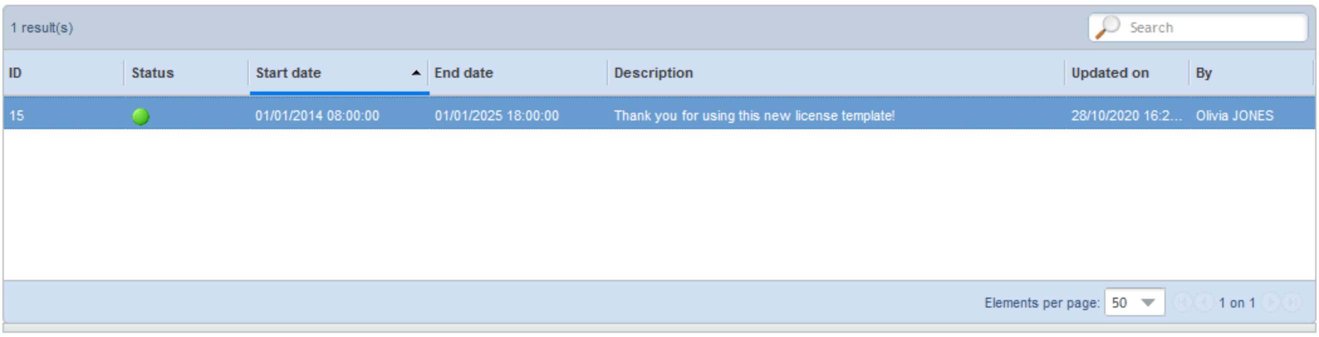
Note: if you change the subscribed offer from ALE, the technical license will be updated.

7.1 ALE Connect license

This functionality allows to view the subscribed quantities of **Connected Agent** (accesses) and **Interaction Channel** (tokens).

7.1.1 Overview

This functionality is available from the **Administration** > **License** menu. The upper part of the screen displays the list of existing licenses. By default, they are sorted in chronological order according to their validity start date. Nevertheless, it is possible to order the list according to the criterion of your choice, by clicking the header of the corresponding column.



For each of them, you can view:

- unique ID assigned by the system,
- status,
- validity start date and time,
- validity end date and time,
- description,
- date and time of last update,
- administrator who performed the action.

7.1.2 Statuses of a license

🟢	The license is active.
🔵	The license is not yet active because its validity period has not started.
⚫	The license has expired. Please contact the ALE support to renew it.
🔴	The license does not match the information of the server for which it was declared: check the Servers authorised field of the license.

7.1.3 Viewing the properties of a license

1. From the **Administration** tab, click **License**.
2. Select the license to be viewed by clicking the corresponding line.

   ALE Connect displays the properties of the license:

   UUID
   Unique ID generated automatically by the system to identify the license.

   Description
   Describes the nature of the current license.

   Start/End date
   Validity period during which the license is active. It expires when it is not or no longer active. Accesses and tokens included in the license can then no longer be used. However, the existing business units remain accessible for reading, modifying and deleting, as well as all elements attached to them (modules and media excluded).

   Number of accesses
   Total number of users that can be simultaneously connected to ALE Connect. The accesses are split into two pools: one reserved to V.I.P. users (coordinators and supervisors); the other accessible to all. By assigning zero to the V.I.P. pool, the accesses and tokens are sent back to the pool accessible to everyone.

   Number of tokens
   Total number of accesses to media to which users have write access. The tokens are split by business units into two pools: one reserved to V.I.P. users (coordinators and supervisors); the other accessible to all.

   Example 1: you belong to a user group with read and write rights on 2 email, 2 chat and 2 voice queues. When you log in, you consume 3 tokens.

   Example 2: you belong to a user group with read and write rights on 1 chat queue and read rights on 1 email queue. When you log in, you consume 1 token.

   Number of business units
   Maximum number of business units allowed to the tenant, with this license.

   Media authorised
   List of media allowed with this license: voice, email, etc.

   Servers authorised
   List of servers allowed to use the license.

Current server (for information)
MAC and IP addresses of the server using the current license.

7.2 Consumption follow-up

You can follow up the consumption of license accesses and tokens in real time, detailed by business unit. This functionality is available from the **Administration** > **License** > **Consumption Follow-up** menu.

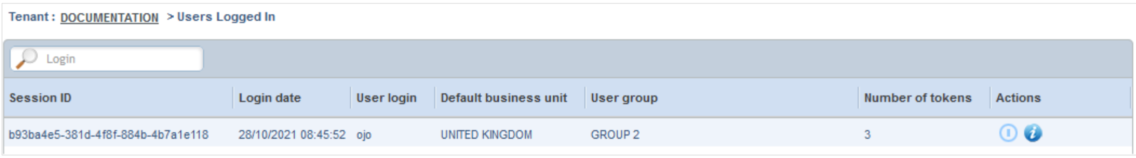
To facilitate reading, the list of business units is sorted in alphabetical order.

7.3 Users logged in

This functionality allows you to view all users who are currently logged in to ALE Connect, regardless the interface used (administration, agent, or dashboarding).

7.3.1 Who is logged in to ALE Connect?

1. From the **Administration** tab, click the **License** > **Consumption Follow-up** > **Users Logged In** menu.



For each user, you can view:

- session ID,

- login date and time to ALE Connect,

- user's login,

- default business unit,

- user group to which he/she belongs,

- number of tokens he/she consumes,

- icon to log out the user,

- icon allowing to view the details of his/her accesses and tokens consumption.

7.3.2 Logging out a user

From this screen, you can log out any user from the list.

1. From the **Administration** tab, click the **License** > **Consumption Follow-up** > **Users Logged In** menu.

2. Click the **Log out the user** button ().

   ALE Connect asks you to confirm the logout.

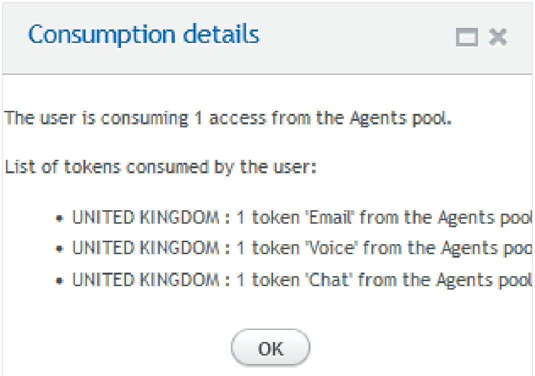
3. Click **Yes**. The user is logged out from his/her ALE Connect interface.

7.3.3 Following up the consumption of a user

You can view the detail of the tokens consumed in the license for any user in the list.

1. From the **Administration** tab, click the **License** > **Consumption Follow-up** > **Users Logged In** menu.
2. Click the **Consumption details** button ( ).

   The following window is displayed:



7.4 API authentication tokens

Authentication tokens secure the access:

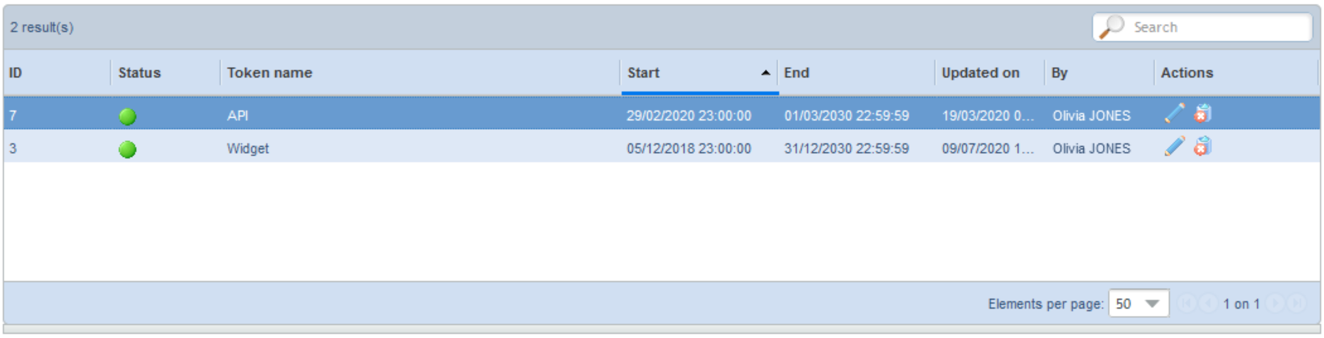
- to the widget when the contact centre manages a chat activity,
- to the REST APIs exposed by ALE Connect.

Each token is submitted to a validity period: after expiry, it no longer allows you to access the requested resources.

Warning: these tokens must remain confidential as much as possible.

7.4.1 Overview

This functionality is available from the **Administration** > **Tenants** > **API Authentication Tokens** menu. The upper part of the screen displays the list of all existing API authentication tokens. Each row of the table corresponds to a token:



2 result(s) Search

ID	Status	Token name	Start	End	Updated on	By	Actions
7		API	29/02/2020 23:00:00	01/03/2030 22:59:59	19/03/2020 0...	Olivia JONES	
3		Widget	05/12/2018 23:00:00	31/12/2030 22:59:59	09/07/2020 1...	Olivia JONES	

Elements per page: 50 1 on 1

For each of them, you can view:

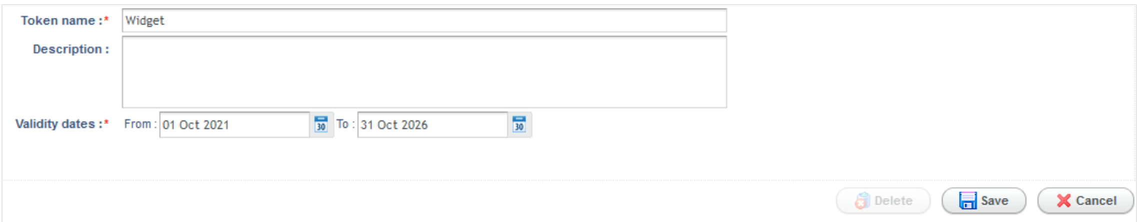
- unique ID assigned by the system,
- status illustrated by a colour indicator,
- name,
- validity start date,
- validity end date,
- date and time of last update,
- name of the user who created or updated it,
- possible actions represented by an icon.

7.4.2 Creating a token for the widget

This procedure should only be followed if the contact centre manages a **chat activity** with the ALE Connect widget. In that case, it is mandatory to generate an authentication token that allows the widget to communicate with AIP, the service exposing the ALE Connect public APIs. This token will be required to perform the minimal configuration of the widget. By default, it accesses to all the APIs needed to operate the widget. Associated with one or more domains, the request using the token must come from an authorised domain.

Warning: this token is strictly for the use of the widget. It must not be used for any other type of integration.

1. From the **Administration** tab, click **Tenants** > **API Authentication Tokens**.
2. Click the **Create a token** button.
3. You must enter the name of the token.
4. If necessary, enter a description related to its use.



5. You must enter the validity period of the token (start and end dates).
6. Click **Save** to validate your entry.

   ALE Connect assigns a **unique ID** to the token: this code is used by the request to allow access to the ALE Connect public REST API. It must remain confidential. The token is immediately added to the existing list.

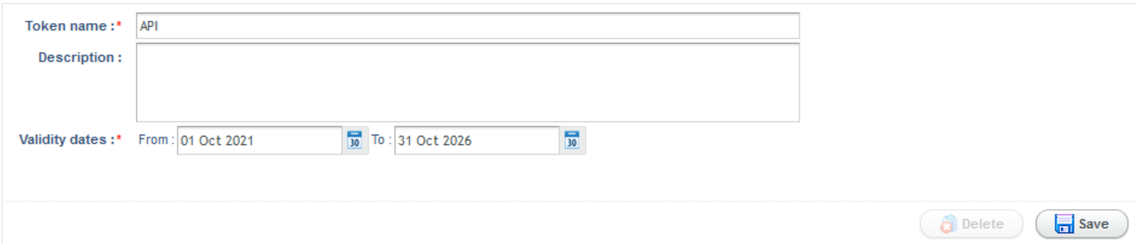
7.4.3 Creating a token for APIs

ALE Connect exposes public REST APIs allowing it to communicate and exchange with any application. They will allow you to perform various actions without using the ALE Connect graphic interface. These APIs can be used in any integration project with another software.

Access to these APIs is secured by using an authentication token that you have to set up here. This token has a unique ID (UUID) generated by the system when it is created. It is sent in the request header for each request from the customer to the resource server.

Note: please refer to the *Integration* technical guide for more information on APIs exposed by ALE Connect.

1. From the **Administration** tab, click **Tenants** > **API Authentication Tokens**.
2. Click the **Create a token** button.
3. You must enter the name of the token.
4. If necessary, enter a description related to its use.



5. You must enter the validity period of the token (start and end dates).
6. Click **Save** to validate your entry.

   ALE Connect assigns a **unique ID** to the token: this code is used by the request to allow the access to the ALE Connect public REST API. It must remain confidential. The token is immediately added to the existing list.
7. Click the **List of URL** tab.

   Here you must specify all the ALE Connect APIs that this authentication token can access:
   attachment: attachments of folders.
   document: documents attached to the folders (only call recordings in this version).
   interaction: exchanges performed when processing a folder.
   thread: management of folders.
   user: control of the user interface.

8. Click the **Add** button.
9. Enter the name of the API to be authorised in lower cases only.

10. Click **Save**.

11. Repeat steps 8 to 10 for each resource you wish to authorise.

7.4.4 Defining the URLs authorised to a token

This action is possible once the token is created. You can define the authorised URLs, knowing that a token is associated with one or more domains.

1. From the **Administration** tab, click **Tenants** > **API Authentication Tokens**.
2. Select, from the lists the affected token.
3. Click the **List of URL** tab.
4. Click **Add**.
5. Enter the URL directly in the dedicated field. Regular expressions are allowed.
6. Click **Save** to validate the entry.

   If necessary, you can modify or delete a URL from the list at any time, using the corresponding functionalities.

7.4.5 Modifying a token

This action allows you to revoke a token, i.e. to make it unusable even if its validity period has not expired yet.

Warning: when adding a new API (thread, attachment, etc.), it may take a few minutes for the change to be taken into account by AIP, the portal exposing the ALE Connect public APIs.

1. From the **Administration** tab, click **Tenants** > **API Authentication Tokens**.
2. Click the **Modify** ( ) button located on the line of the affected token.
3. Perform the changes you wish.
4. If necessary, specify whether the token should be revoked or not.
5. Click **OK** to save your entry.

7.4.6 Deleting a token

1. From the **Administration** tab, click **Tenants** > **API Authentication Tokens**.
2. Click the **Delete** ( ) button located on the line of the affected token.

   ALE Connect asks you to confirm this action.
3. Click **OK**.

   ALE Connect immediately updates the list: the deleted token is no longer in the list.

8 Widgets

A widget is an interactive web interface that can be integrated into the page(s) of your company's website. It offers the web users to be connected to the contact centre by chat: the web user can thus dialogue directly with an agent. The **Widgets** tab is only displayed if the ALE Connect license includes the Chat media (and/or Voice media). Otherwise, the tab is hidden.

Warning: in this version, it is possible to deploy a full version of the chat widget via the Widget Builder functionality accessible from this tab. The former Webbox continues to work as in previous versions.

8.1 Help with the widget setup

This page lists the setup steps to be performed in the administration interface to set up the chat. Beforehand, a minimum dataset must be set up on ALE Connect: tenant, business unit(s), user group(s) and users.

No.	Step description	Mandatory?
1	Configure the inactivity times of web users	Optional
2	Generate the authentication token of the widget	✓
3	Create the chat queues	✓
4	Create the skills	Optional
5	Create the realtime queues	✓
6	Assign rights to agents on queues	✓
7	Create the realtime profiles	✓
8	Create the chat profiles	✓
9	Create the response templates of message type	✓
10	Create the introduction messages	✓
11	Configure the chat widget	✓
12	Create the behaviour rules	✓
13	Create the presentation calendar	Optional
14	Update the chat forms	Optional

Configuring the inactivity times of web users

Objective: customise the values of the following two parameters to manage the inactivity of the web user. This operation is strictly reserved to the technical operator of the ALE Connect platform.

- chat.inactivityWebuserDelayAlert
- chat.inactivityWebuserDelayDisconnect

Generating the authentication token

Objective: generate the authentication token that allows the widget to communicate with AIP, the service that exposes the ALE Connect public APIs. This token is mandatory to perform the minimal technical configuration of the widget.

Creating the chat queues

Objective: create the queue(s) allowing to handle the chat interactions requested by the web users.

Creating the skills

Objective: create the skills needed to agents to manage chat interactions, if the existing ones cannot be reused.

Creating the realtime queues

Objective: create the realtime queue(s) in which chat interactions will be directed. A realtime queue is a queue to which a language and a skill have been assigned.

Assigning rights to agents on queues

Objective: for each user group, define the access rights of users for the queues previously created.

Creating the realtime profiles

Objective: manage the pop-up processing and folder closing, and define the operational statuses to which agents can access.

Creating the chat profiles

Objective: define the parameters related to the processing of chat conversations, for example, the maximum number of simultaneous chats an agent is allowed to process.

Creating the response templates of message type

Objective: in the ALE Connect knowledge base, create the pre-formatted written messages that an agent can use while processing a chat folder. Its insertion avoids entry errors, reduces processing time, and allows frequently asked requests to be answered.

Creating the introduction messages

Objective: for each business unit, create customised messages that are inserted at the beginning of the chat conversation.

Configuring the chat widget

Objective: define the appearance of the chat widget.

Creating the behaviour rules

Objective: define when and under which condition(s) the widget will offer to a web user to contact the centre.

Creating the presentation calendar

Objective: determine when the widget should be displayed on the pages of the website.

Updating the chat forms

Objective: display the web user's context data in the corresponding tab of the folder (title of the affected web page and URL address) as well as the content of the Subject area in the Info tab of the folder.

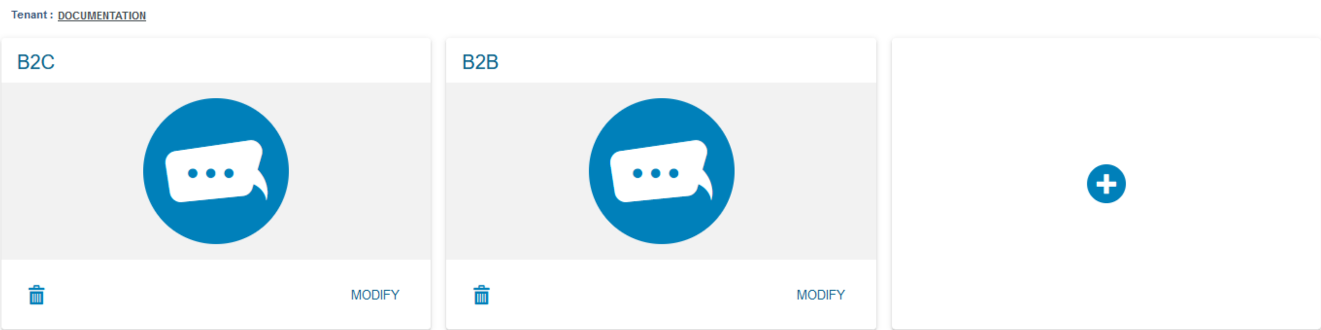
8.2 Widget builder

To set up a chat service, you must configure a widget from the administration interface that will be made available to web users. This can then be easily deployed, autonomously, on any page of a website. You do not need to perform any technical, integration or operational operations on the server hosting ALE Connect.

The widget is an interactive web interface, developed in HTML, CSS and JavaScript. The communication between the widget and ALE Connect is performed through a REST API. Its appearance can be customised (colours, texts, etc.). The widget is also responsive: its appearance is automatically adapted according to the device used (desktop computer, tablet, etc.) in order to offer adapted ergonomics.

8.2.1 Overview

Widget configuration is available from the **Widgets** > **Widget builder** menu. Once the menu is open, you can see all existing widgets. From this home screen, it is possible to create, configure or delete the widgets set up:

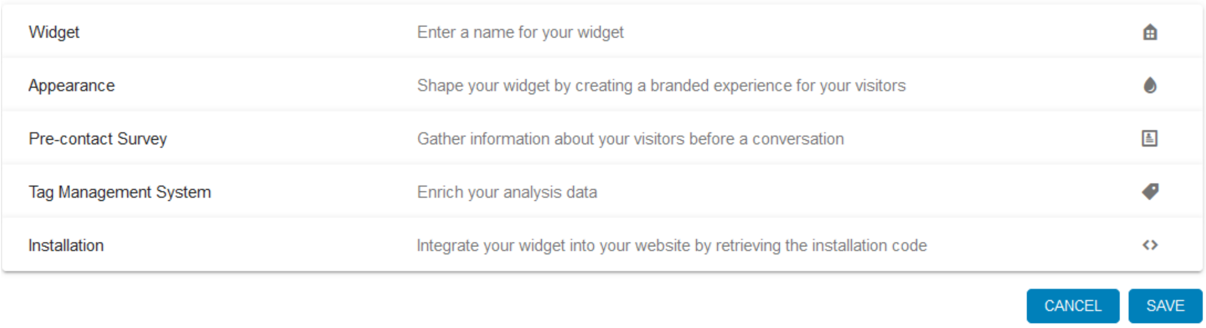


8.2.2 Creating a widget

This setup is defined at the tenant level and therefore applies to all its business units. In other words, the configured widget is the same for all business units. A maximum of 20 widgets can be created per tenant.

1. From the **Widgets** tab, click **Widget Builder**.
2. Click the **Add** button (⊕).

   Several thematic sections are displayed: you can either click directly the section that interests you, or set them up one after the other. At any step of the configuration, you can go back at any time by clicking the Previous button or go to the next section by clicking Next.

3. In the **Widget** section, fill in a name that clearly identifies the widget (several widgets can have the same name if necessary).
4. Click the desired section to continue configuring the widget, or go directly to the next step.

   Appearance

   Pre-contact survey

   Tag Management System

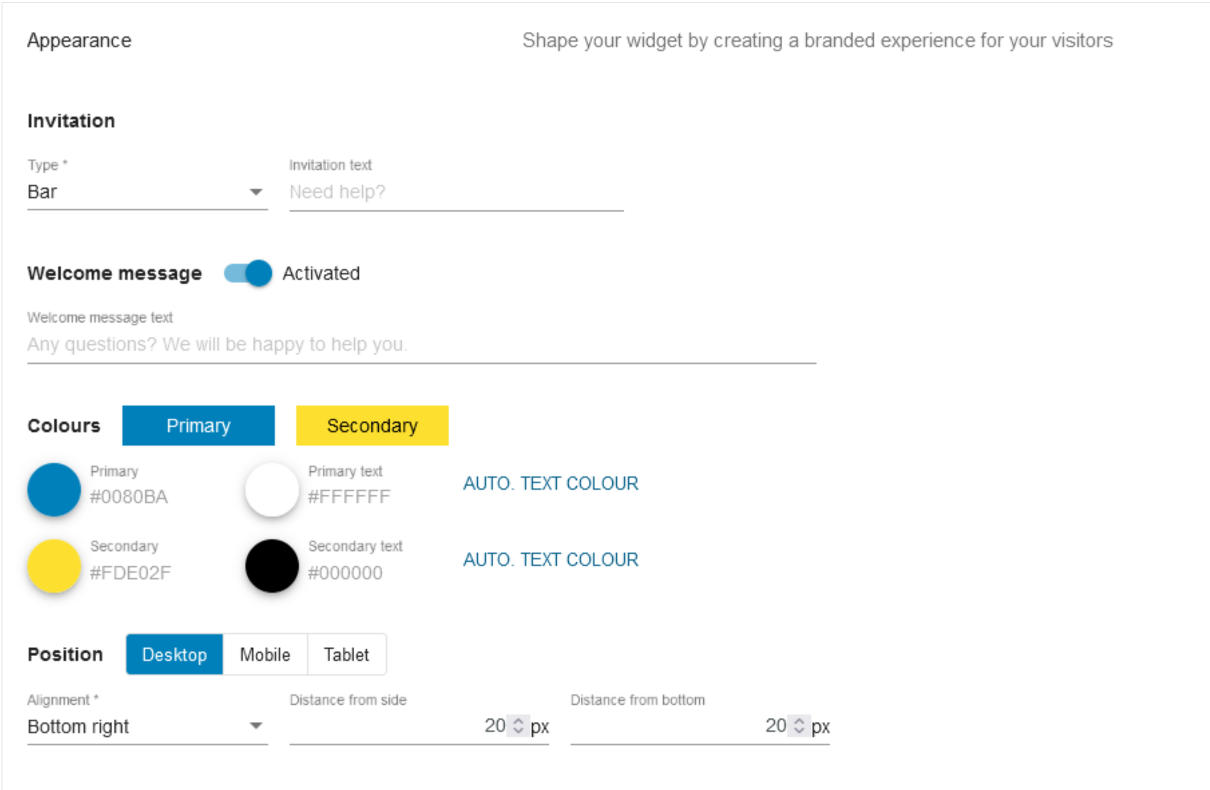
   Installation
5. Click **Save** to validate the creation of the widget.

   The widget is created and automatically added to the list.

8.2.2.1 Appearance of a widget

You can customise the display parameters of a widget: main colours, position and messages displayed to web users. This operation can be performed when creating the widget, or later.

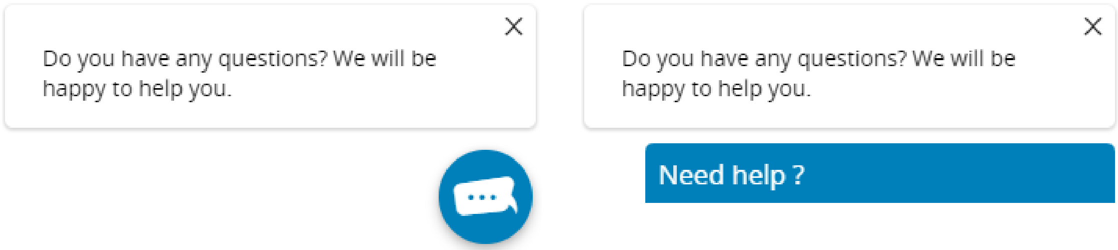
1. From the **Widgets** tab, click **Widget Builder**.
2. Click the **Modify** button if the widget already exists, otherwise create it.
3. Click the **Appearance** section.



4. Fill in the following parameters:

   Translate texts into
   To the right of the screen, select the language of the different labels to be entered. The default language is the one of the user logged in. It is possible to translate each label into the different languages offered: this selection must be made before entering the text itself. Your entry is saved automatically as soon as you change language.

   Invitation
   In the Type field, choose how the invitation will be displayed to the web user on the website pages.
   Icon: the invitation is displayed as a floating bubble in the bottom right corner of the web page. The web user must click it to display the widget.
   Bar: the invitation is displayed in the bottom right corner of the web page, in the form of a small tab that expands as soon as the web user clicks it. If the text is too long to be displayed in full in the invitation, it is automatically truncated by the system.



Welcome message
You can customise the welcome message displayed above the invitation, and translate it into the available languages. To do this, activate the parameter and enter the text of the message. If this parameter is not activated, this is the default message which is displayed.

Colours
Set the colours of the widget by clicking the circles. A graphic component is displayed and allows you to select the desired colour. Once selected, the colour is displayed with its hexadecimal code.
Primary: background colour of the icon or bar.
Primary text: colour of the text in the bar. Click AUTO. TEXT COLOUR if you wish to automatically set the best possible primary text colour to the chosen primary colour.
Secondary: background colour of the Retry button.
Secondary text: text colour of the Retry button. Click AUTO. TEXT COLOUR if you wish to automatically set the best possible secondary text colour to the chosen secondary colour.
You see a preview of the rendering in the rectangles, before saving your changes.

Note: it is not possible to automatically restore the default colours after any changes made before or after saving.

Position
Determine the position of the widget in the web pages, for each type of device offered. Values are already set up to predefine a default position.
Device: select the type of device for which you are setting up the widget position. Three options are available: Desktop, Mobile or Tablet.
Alignment: indicate whether the widget should be displayed at the bottom right (default option) or at the bottom left of the web pages.
Distance from side/bottom: specify in pixels the distance between the widget and the side of a web page, then the distance between the widget and the bottom of a web page. The value 0 is allowed.

5. Click **Save**.

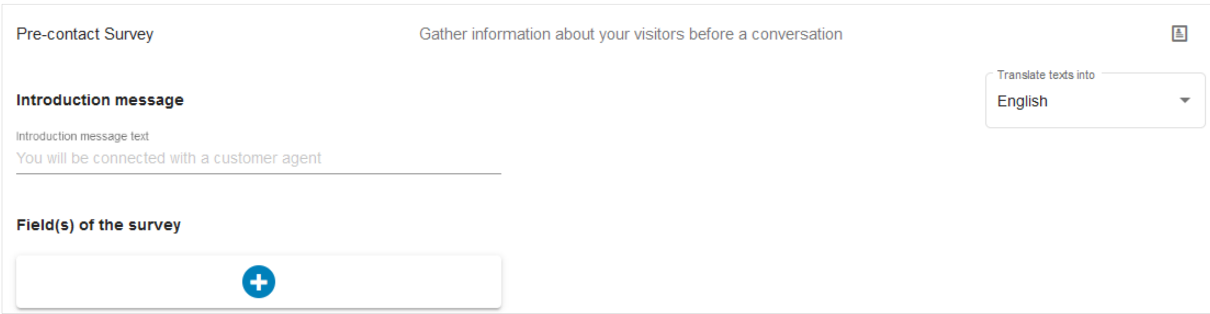
8.2.2.2 Pre-contact survey

The pre-contact survey is a set of information that the web user must fill in before performing a chat request (e.g. email address, name, etc.). This is the very first screen that appears when the web user clicks the invitation offered by the widget. The aim of the survey is twofold: to identify the web user from the outset and to eliminate requests performed of curiosity or inadvertence, which pollute the quality of service.

The widget builder allows you to create the questionnaire by defining all the fields to be filled in. This setup is optional: if you do not define any field, the web user will be able to perform a chat request without any preconditions.

Setting up the pre-contact survey

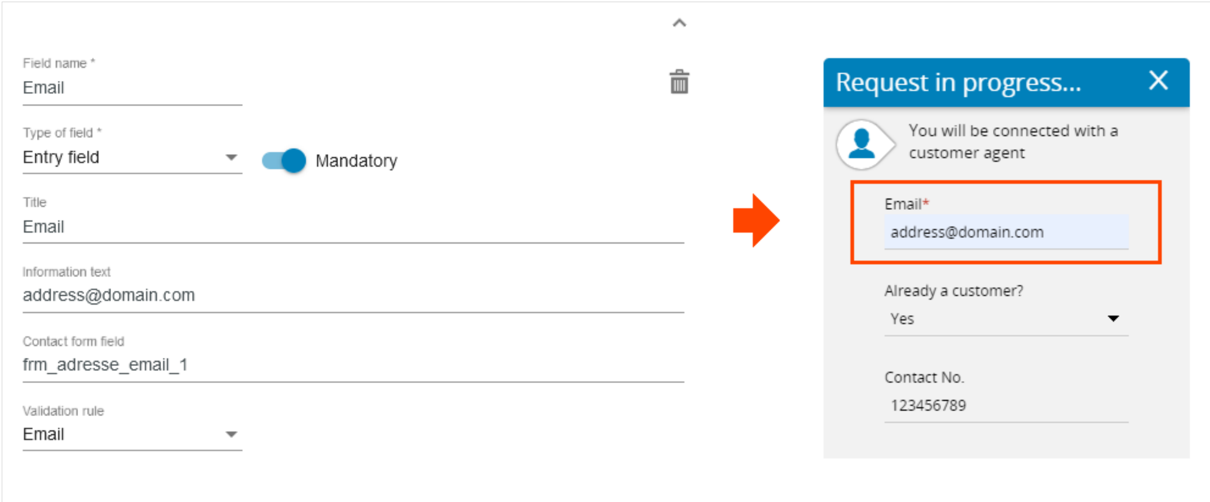
1. From the **Widgets** tab, click **Widget Builder**.
2. Click the **Modify** button if the widget already exists, otherwise create it.
3. Click the **Pre-contact Survey** section.



4. In the **Translate texts into** field located on the right of the screen, select the language of the various labels to be entered.

   The default language is the one of the user logged in. It is possible to translate each label into the different languages offered: this selection must be made before entering the text itself. Your entry is saved automatically as soon as you change language.
5. Enter the **introduction message** for the pre-contact survey, as it will be displayed on the very first screen of the widget, above the survey fields.
6. Click the **Add** button () to create the very first field of the survey.

7. Fill in the properties of the field:



Field name
Clearly identify the added field. This name is purely internal and is only used for setting up the survey. It is not visible to web users on the widget.

Type of field
Entry field: the field is a free text field, where the web user can enter a value. This is the default type.
Selection field: the field is a scrolling list, from which the web user can select a single value. You must then create the list of options displayed in this field (20 maximum).

Mandatory
Indicate whether the field is mandatory or optional when the web user completes the pre-contact survey. If it is mandatory, a red asterisk is displayed on the widget, to the right of the title set up below.

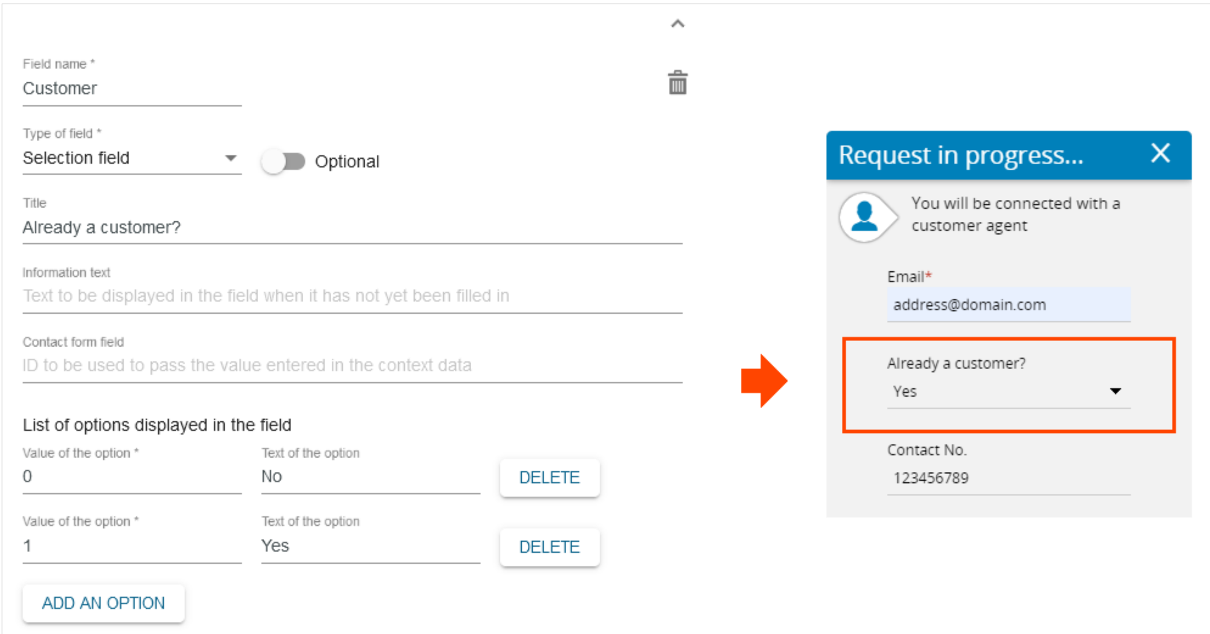
Title
Enter the exact label of the field as it will be displayed to the web user, above the entry field. This title is optional.

Information text
If necessary, enter a text that will be displayed inside the field to help the web user understand what to fill in. This label is displayed when the field is empty or has not yet been filled in by the web user.

Contact form field
Enter the corresponding contact form field, in order to automatically initialise its value in the contact sheet identifying the web user.

Validation rule
This parameter is used to check the format of the value entered by the web user for this field. This control is optional.
None: no verification rule is applied (default choice). The value entered by the web user is not checked by the widget.
Email: this choice is exclusively used to check the field if it is an email address, via a dedicated regular expression (not modifiable).
Custom: applies a regular expression to be defined, to verify the format of the value entered by the web user. You can test the rule to ensure that it behaves as expected. A message informs you if the rule is invalid.

List of options displayed in this field
This parameter is only displayed when the field is of type Selection field. It allows you to define the options that will be displayed in the scrolling list (20 maximum).
Click the ADD AN OPTION button. Fill in the value which will be the identifier of the option in the database. This value is purely internal and it is not visible on the widget. Then enter the text of the option as it will be displayed to the web user in the scrolling list (depending on the language previously chosen). In case of error, you can delete an option at any time by clicking the corresponding button.



8. Repeat the previous step for each field to be added to the survey (maximum 20 fields).
9. Click the **Save** button to save your entry.

Deleting a field from the survey

This action allows you to delete one or more fields from the pre-contact survey at any time. The deletion is performed without requesting prior confirmation.

1. From the **Widgets** tab, click **Widget Builder**.
2. Click the **Modify** button if the widget already exists, otherwise create it.
3. Click the **Pre-contact Survey** section.
4. Click the survey field to be deleted: its properties are displayed on the screen.
5. Click the Delete icon ( ).

   The field is immediately removed from the pre-contact survey.

8.2.2.3 Tag Management System

In order to obtain detailed statistics about the events that have occurred on the widget, you have the possibility to automatically feed a website audience tool (Tag Management System or TMS). With the widget builder, you can easily set up the connection to a TMS tool. This integration is optional and independent of the creation of the widget. To perform this operation, you must first retrieve the integration source code provided by the TMS tool.

Why feed an audience tool?

Here are some examples of business applications with ALE Connect:

- calculate the conversion rate by measuring the number of sales that have been triggered through the chat,
- increase customer engagement by identifying the pages that generate the most requests,
- improve the training of agents by analysing the ALE Connect folders processed via the widget.

Available events

ALE Connect allows the following events to be monitored and sent to the TMS tool:

WidgetProposed	The widget is displayed on the web page that the web user has opened. This is the initial status of the widget as soon as it is displayed on the website, before the web user takes action.
chatFormPresented	The web user sees a pre-contact form, before the conversation.
chatWaiting	The web user is waiting to be connected.
chatRequestByUser	The web user has requested a chat by clicking the invitation.
chatConversationStart	The conversation starts for the web user.
chatAnswerByAgent	The agent writes a message.
chatAnswerByUser	The web user writes a message.
chatClosedByAgent	The agent ends the conversation, or the conversation ends due to lack of activity.
chatClosedByUser	The web user ends the conversation.
chatDissuaded	The web user is dissuaded.

For each event, the widget sends its characteristics through the following parameters:

event	Name of the event sent (= akio).
widgetStatus	Status of the chat with the name of the event being followed up as the value.
chatOperator	Agent's nickname, the value of which is the agent's signature, which is displayed to the web user during the chat.
chatThreadId	ALE Connect folder number.

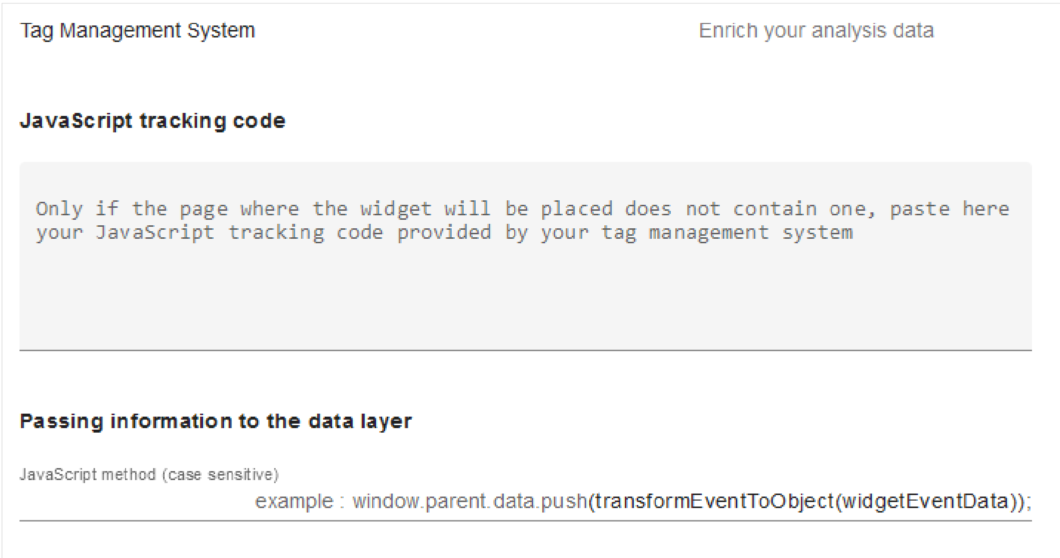
Example:

```
{
   'event': 'Akio',
   'widgetStatus': 'chatAnswerByUser',
   'chatOperator': 'agent1170'
   'chatThreadId': '123456789'
}
```

Standard configuration

An audience tool, such as Google Tag Manager for example, has already been integrated into the source code of the web page on which the widget is displayed. In that case, you simply need to set up the method that calls this tool.

1. From the **Widgets** tab, click **Widget Builder**.
2. Click the **Modify** button if the widget already exists, otherwise create it.
3. Click the **Tag Management System** section.



The **JavaScript tracking code** field should not be filled in for this configuration, as indicated in the comment.

4. In the **Passing information to the data layer** field, enter the JavaScript method used to send events to the Data Layer.

   Example for Google Tag Manager:

   ```
   window.parent.dataLayer.push(transformEventToObject(widgetEventData));
   ```

5. Click **Save**.

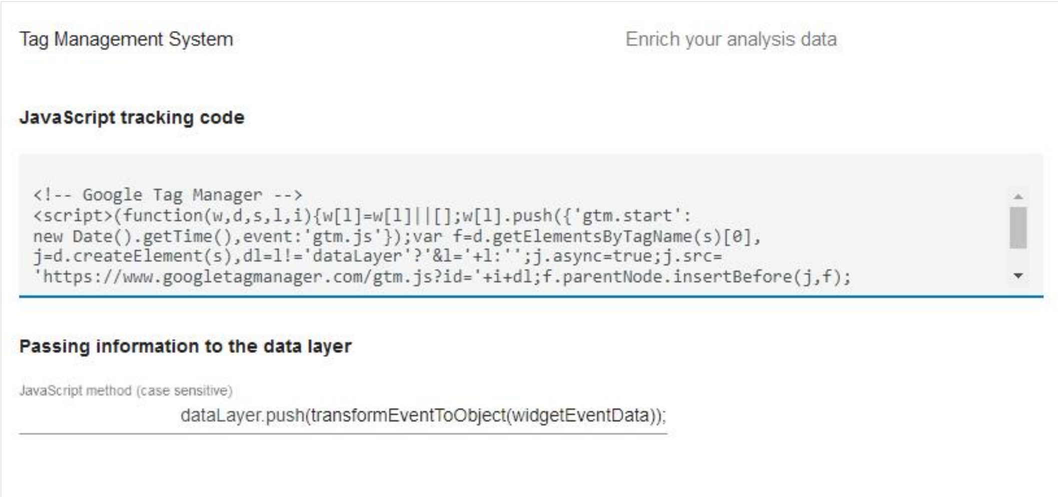
   The connection with the TMS tool is now operational.

   Test the widget and check that your audience tool has received the data sent by the widget. For example, if you use Google Tag Manager, it is possible to install the Chrome extension Google Tag Assistant to view the data received.

Special configuration

This setup should only be performed in the particular case where no audience tool has been integrated into the source code of the web page on which the widget is displayed.

1. From the **Widgets** tab, click **Widget Builder**.
2. Click the **Modify** button if the widget already exists, otherwise create it.
3. Click the **Tag Management System** section.



4. In the **JavaScript tracking code** field, paste the source code provided by your TMS tool.

   Example of start and end tags for Google Tag Manager:

```
<!-- Google Tag Manager -->
...
<!-- End Google Tag Manager -->
```

5. In the **Passing information to the data layer** field, enter the JavaScript method used to send events to the Data Layer.

   Example for Google Tag Manager:

```
dataLayer.push(transformEventToObject(widgetEventData));
```

6. Click **Save**.

   The connection with the TMS tool is now operational.

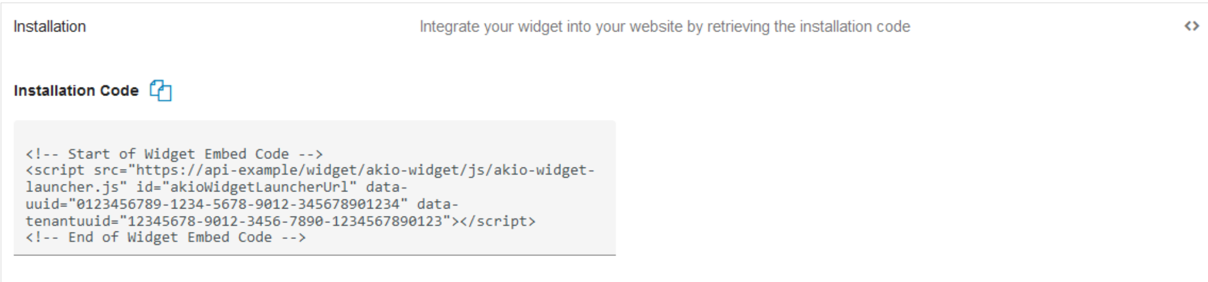
   Test the widget and check that your audience tool has received the data sent by the widget. For example, if you use Google Tag Manager, it is possible to install the Chrome extension Google Tag Assistant to view the data received.

8.2.2.4 Installing a widget

The functional setup to implement the chat has been completed. The widget is configured and all that remains is to install it on the desired web page(s). To perform this operation, it is assumed that you have write access to the source code of the web page in which the widget is to be embedded.

1. From the **Widgets** tab, click **Widget Builder**.
2. Click the **Modify** button if the widget already exists, otherwise create it.
3. Click the **Installation** section.

   You are viewing the JavaScript source code of the widget:



4. Click the **Copy** Icon ( ) to copy all lines of code to the clipboard.
5. Edit the source code of the web page in which you want to integrate the widget.
6. Paste the previously copied content into the **web page source code** just before the end **</body>** tag in order to load the widget after the rest of the page (so that loading the widget does not slow down the page itself).

   The integration of the widget is now complete.

   Situational testing is strongly recommended to avoid any inconvenience during production, by taking on the roles of both the agent and the web user. Simply log in to the agent interface, with a user who can handle chat conversations, and reproduce the various business cases that contact centre agents are likely to encounter. For further information on chat folders, as well as functionalities related to their management, please refer to the ALE Connect online help or the *Agent* interface user guide.

8.2.3 Modifying a widget

You can change the parameters of a widget at any time. The changes are taken into account immediately after refreshing the web page in which the widget has been integrated.

1. In the **Widgets** tab, click **Widget builder**.
2. Click the widget **icon** or the **Modify** button.
3. Modify the affected section:

   Widget

   Appearance

   Pre-contact Survey

   Tag Management System

   Installation
4. Modify the desired parameters
5. Click **Save**.

8.2.4 Deleting a widget

Deleting a widget renders its installation code invalid: in other words, web pages in which the widget has been embedded will no longer display it. Do not forget to clean up the source code of the affected web pages by removing the lines of code corresponding to the deleted widget.

1. In the **Widgets** tab, click **Widget builder**.
2. Click the **Delete** button () of the relevant widget.

   A warning message asks you to confirm your action.
3. Click **Validate**.

   The widget is permanently deleted.

8.3 Context data

You have the possibility to collect some information related to the web user and his/her browsing context, from the website he/she is visiting. The retrieved data is then sent by the widget to ALE Connect, in order to be displayed in the corresponding folder on the agent's interface.

This data collection is optional. It is a technical configuration operation that is complementary to the widget builder configuration.

8.3.1 Step 1: identify the fields to be retrieved

The below table lists the fields that can be collected for a chat request. If desired, it is also possible to use them in the pre-contact survey of the widget builder. If you need to retrieve other fields not listed here, it is possible to add custom fields from the form editor: please contact the platform administrator for more information.

Form field	Key
Last name	frm_nom
First name	frm_prenom
Title	frm_titre
Street number	frm_numero_rue
Street	frm_rue
Locality/Residence	frm_lieu_dit_residence
Building	frm_batiment
Postcode	frm_code_postal
City	frm_ville
Country	frm_pays
Date of birth	frm_date_de_naissance
Mobile phone	frm_telephone_mobile
Home phone	frm_telephone_fixe
Other phone numbers	frm_autres_telephone
Fax	frm_fax
Email address 1	frm_adresse_email_1
Email address 2	frm_adresse_email_2
Other emails	frm_autres_email
Customer reference	frm_reference_client
Contract number	frm_numero_de_contrat
Subscriber reference	frm_reference_abonne

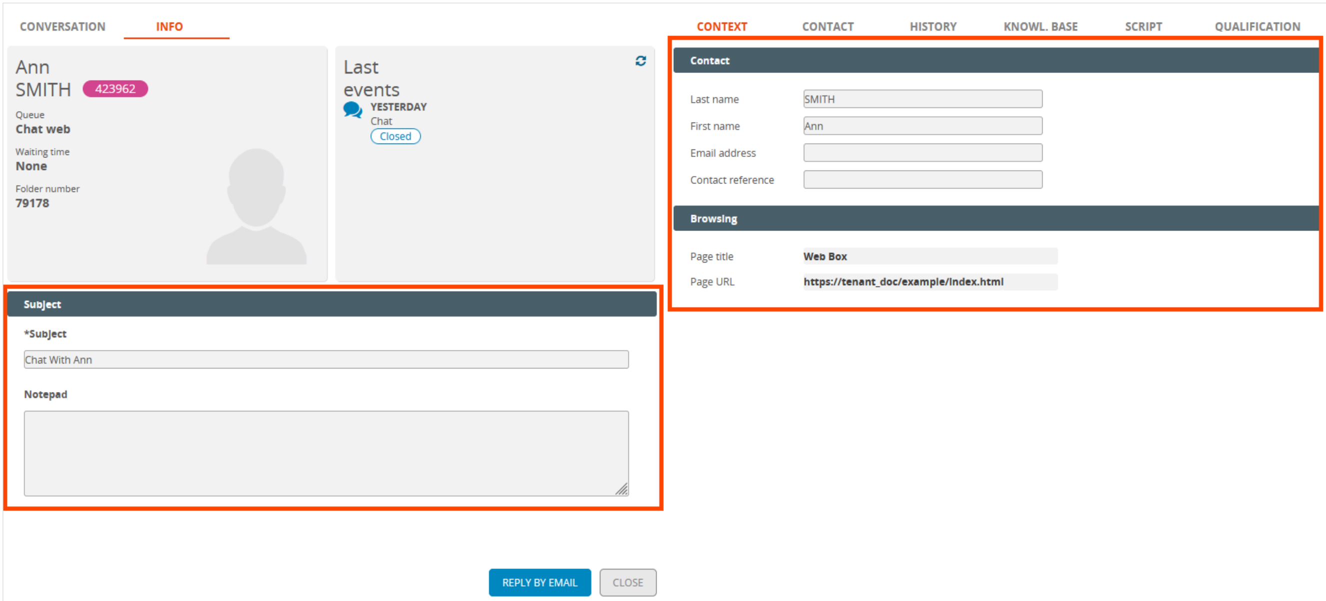
Form field	Key
Order number	frm_numero_de_commande
Subject of the request	frm_objet_de_la_demande
Page title	frm_titre_de_la_page
Page URL	frm_url_de_la_page

8.3.2 Step 2: modify the folder forms

This involves setting up the forms that will display the data collected in a chat folder on the agent's interface. This setup is performed in the form editor.

The following two forms must be set up:

- the Incoming chat form that allows to define the content of the **Subject** field from the **Info** tab of the folder;
- the Chat context form that allows to define the context information in the corresponding tab of the folder. **If this form is not set up, the fields of the Context tab will be empty.**



8.3.3 Step 3: declare the fields to be retrieved from the web page

To perform this operation, you must have access to the source code of the website to be upgraded.

1. Edit the source file of the web page to modify.
2. Add a **profileParameters** section that details the fields that the widget should retrieve:

```
<script type="text/javascript">
var profileParameters =
{
    frm_nom : "Smith",
    frm_prenom : "Mary",
    nickname : "",
    frm_adresse_email_1 : "mary.smith@domain.com",
    frm_titre_de_la_page : document.title,
    frm_url_de_la_page : window.location.href,
    frm_reference_client : ""
};
```

   In this example, the widget retrieves the **last name**, **first name** and **nickname** of the web user, his/her **email address**, the **title** and **URL** of the web page, and the **customer reference**. These fields will be displayed in the chat folder, on the ALE Connect interface of the agent processing the web user's request.

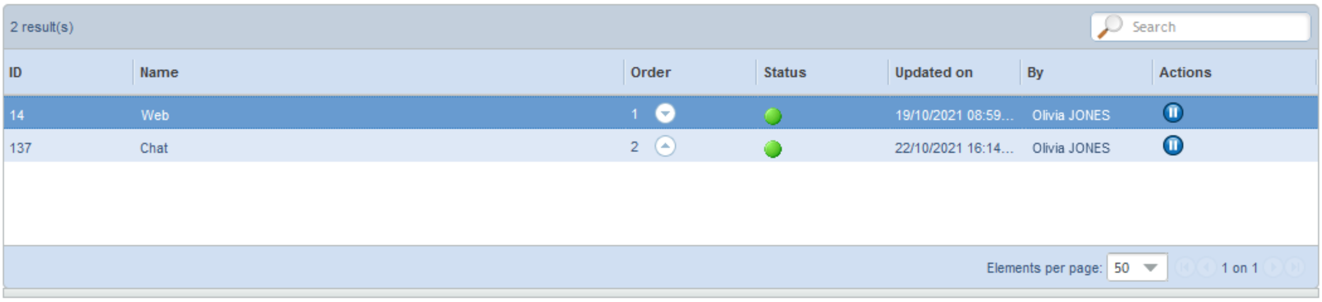
3. Save the changes to the web page.

8.4 Behaviour rules

A behaviour rule defines the conditions to display the invitation on a website page, and allows the user's request to be directed. **You must create at least one behaviour rule to manage and display the invitation.** Depending on the activity and the degree of customisation required, you may need to set up one or more rules. In a simple case, one behaviour rule may be more than enough to manage your activity.

8.4.1 Overview

This functionality is available from the **Widgets** > **Behaviour Rules** menu. The upper part of the screen displays the list of all rules set up, regardless of their status:



For each rule, you can view:

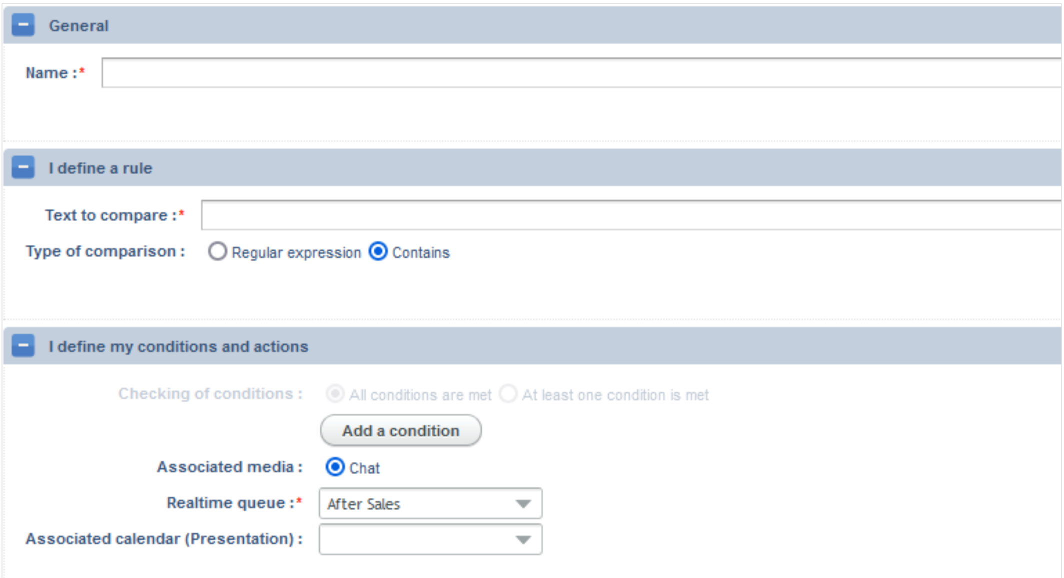
- unique ID,
- name,
- order in which it is applied (can be modified by using the up and down arrows),
- current status illustrated by a colour indicator,
- date and time of last update,
- name and first name of the user who created or updated it,
- possible actions represented by an icon.

8.4.2 Creating a behaviour rule

Warning: if no rule has been set, the invitation will not be displayed.

4. From the **Widgets** tab, click **Behaviour Rules**.
5. Click the **New rule** button.

   The following screen is displayed:



6. Fill in the following parameters:

General

Name
Enter a name that clearly identifies the behaviour rule.

I define the rule

Define the web pages in which the invitation can be can displayed, by filling in the following two parameters:

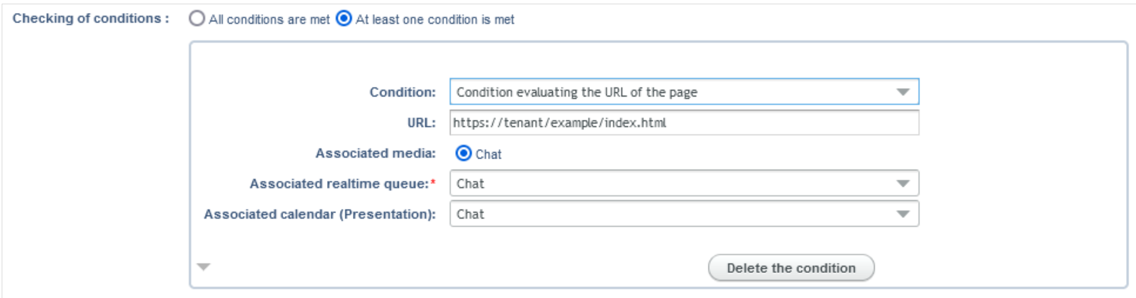
Text to compare (mandatory)
Enter the text that will be analysed by ALE Connect in the web page on which the web user is positioned. The value to be entered depends on the type of comparison chosen.

Warning: the value of the text to be compared must be chosen carefully. Indeed, it must allow web users to navigate on any page of the website so that the conversation initiated with the agent on the widget continues without interruption.
Ex: mywebsite.com/*

Type of comparison
Check the desired option:
Regular expression: ALE Connect analyses the URL address of the web page on which the web user is positioned, according to a regular expression that you have to define (see the JavaScript documentation on regular expressions for any related questions). If the syntax of the regular expression is not correct, an error message is displayed when you try to save the rule.
Contains: ALE Connect checks that the URL address of the web page, on which the web user is positioned, contains the character string entered. It can be a single word or a part of the URL.

I define my conditions and actions

When ALE Connect detects a web page that is eligible to display the invitation, the software checks whether the display conditions are met. You must therefore define these conditions (one or more depending on the need). Click the **Add a condition** button.



Condition
Select the condition to be checked:
Condition evaluated by a JavaScript expression every 3 seconds: ALE Connect checks the web user's browsing environment every 3 seconds, according to a JavaScript expression to be defined. As soon as the condition is met, the invitation is displayed. Enter the **description for statistics** that will be used in the D+ reports at the supervision interface level. Then enter the **JavaScript expression** to be checked (reserved to an audience experienced with the writing of JavaScript code). For any questions, please refer to the JavaScript documentation describing regular expressions.
In the example below, the expression only displays the invitation if the total amount of the customer's basket is greater than 100.

```
document.getElementById('basket').value > 100
```

Condition evaluating the URL of the page: ALE Connect displays the invitation as soon as the web user visits a specific page for which the full URL address must be entered.
Condition evaluating the time spent on the page: enter, in seconds, the time spent on the page by the web user after which the invitation is automatically displayed (e.g. 5 seconds).

Associated media
Check the Chat media.

Warning: the associated media available vary depending on your ALE Connect license. For example, if the license does not include the Chat media, the corresponding option will not be displayed.

Associated realtime queue
Select a chat realtime queue if the one suggested by default is not appropriate. This realtime queue is mandatory to redirect any conversation initiated after the widget is displayed. If you have chosen to display the widget upon checking of all conditions, the interaction will be directed to this realtime queue. However, if you have chosen to display the widget upon checking of at least one condition, you must select a realtime queue for each condition.

Associated calendar (Presentation)
This field is optional: if you select a presentation calendar, the widget will only be displayed during the opening periods defined by it. If this field is not filled in, the widget will be displayed permanently on the website.

Checking of conditions
You have the possibility to impose several conditions to be checked in order to display the invitation.
All conditions are met: all added conditions without exception must be met to display the invitation. They will use the same realtime queue.
At least one condition is met: ALE Connect checks the conditions in the defined order. Only one condition in the list needs to be met for the invitation to be displayed. In that case, the previous parameters must be defined for each condition.

Once the invitation is displayed, ALE Connect stops checking the conditions. Checks only resume when the web user changes pages.

7. Click **Save**.

8.4.3 Modifying a behaviour rule

This action is only possible when the rule is deactivated. Otherwise, the button is hidden.

Warning: changes are taken into account after 60 seconds (cache). In addition, the widget must be relaunched from a new browser tab so that the changes are effective.

1. From the **Widgets** tab, click **Behaviour Rules**.
2. Click the **Modify** button ( ) located on the line of the affected rule.
3. Perform the desired changes (refer to creation).
4. Click **Save** to save your entry.

8.4.4 Deleting a behaviour rule

This action is only possible when the rule is deactivated. Otherwise, the button is hidden.

1. From the **Widgets** tab, click **Behaviour Rules**.
2. Click the **Delete** button ( ) located on the line of the affected rule.

   ALE Connect asks you to confirm the deletion.
3. Click **Yes** to delete permanently the rule, or **No** to abandon this action.

   ALE Connect immediately deletes the rule and updates the list.

8.4.5 Activating a behaviour rule

Creating a rule is not enough: you must activate it so that the widget is itself active.

1. From the **Widgets** tab, click **Behaviour Rules**.
2. Select, from the list, the rule to be activated.
3. Click the **Activate the rule** ( ) button on the corresponding line.

   The behaviour rule is now activated.

8.4.6 Deactivating a behaviour rule

This action consists in temporarily suspending the application of the behaviour rule, and therefore the use of the widget. In other words, the agents will not be able to process chat conversations during this time. After deactivation, the behaviour rule can be modified or deleted again.

1. From the **Widgets** tab, click **Behaviour Rules**.
2. Select, from the list, the rule to be deactivated.
3. Click the **Deactivate the rule** ( ) button on the corresponding line.

   The behaviour rule is now deactivated.

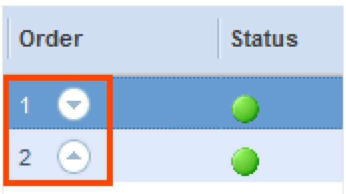
8.4.7 Ordering the behaviour rules

When several rules have been defined, they must be ordered to determine which one should be applied. Indeed, ALE Connect selects the behaviour rules in the order in which they appear in the list: **the first rule found and checked is applied.** When a rule has several exclusive conditions (separated by ORs), the system checks whether any of the conditions are met.

Example 1: a behaviour rule with 2 condition blocks separated by an OR has been created. The first condition assigns the chat conversations to the A realtime queue and the second one to the B realtime queue. Both conditions are met and agents are only available on the B realtime queue. In that case, the invitation is presented to the available agents on the B realtime queue.

Example 2: a behaviour rule with 2 condition blocks separated by an OR has been created. The first condition assigns the chat conversations to the A realtime queue and the second one to the B realtime queue. Both conditions are met and agents are available on both queues. In that case, ALE Connect presents the invitation to available agents on the A realtime queue.

1. From the **Widgets** tab, click **Behaviour Rules**.
2. In the **Order** column, click the **Move up** and/or **Move down** buttons to order the behaviour rules in the list.



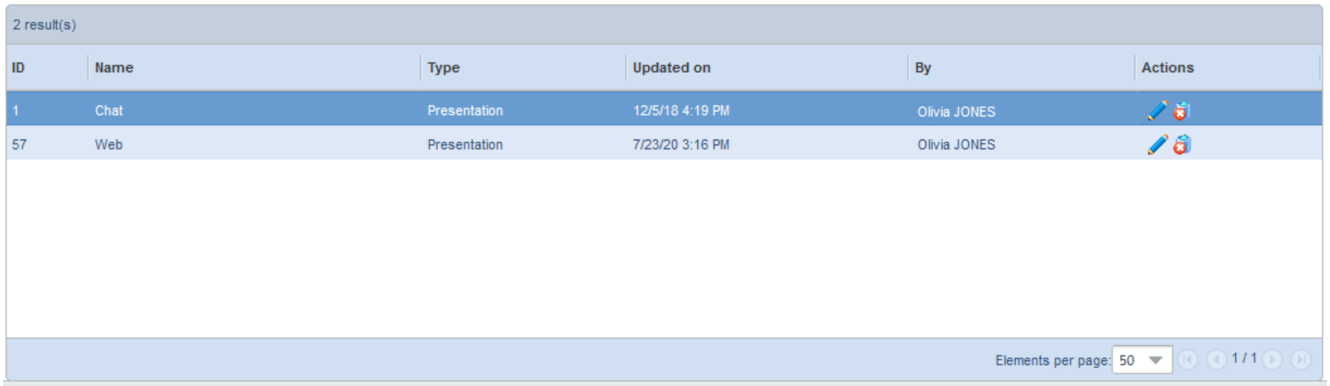
8.5 Calendars

A calendar details the activity periods of the various teams in charge of processing chat. Outside the working hours fixed by the calendar (opening and closing dates and hours), the chat will not be available. The presentation calendar determines when the widget should be displayed on the website pages.

Calendars are defined by tenant. That is why, before starting your entry, check that you have selected the tenant affected by the setup.

8.5.1 Overview

This functionality is available from the **Widgets** > **Calendars** menu. The upper part of the screen displays the list of existing calendars. By default, they are sorted by name in ascending alphabetical order (A-Z).



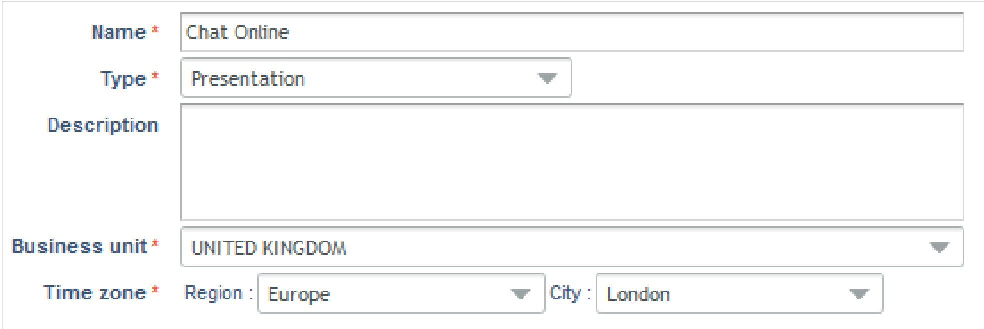
For each calendar, you can view:

- unique ID,
- name,
- type (presentation),
- date and time of last update,
- name and first name of the user who created or modified it,
- possible actions represented by an icon.

8.5.2 Creating a presentation calendar

It defines the time ranges during which the widget is displayed on the website.

1. From the **Widgets** tab, click **Calendars**.
2. Click the **New calendar** button.



3. Fill in the following parameters:

   Name (mandatory)
   Enter a name that clearly identifies the calendar.

   Type (mandatory)
   You must select the Presentation value.

   Warning: this field cannot be changed after saving the calendar.

   Description
   If necessary, enter a comment describing the purpose of the calendar.

   Business unit (mandatory)
   Select, from the list, the business unit to which this calendar must be assigned.

   Time zone (mandatory)
   Select, from the list, the region and the city that determine the time zone of the current calendar. The lists of values are hard-coded in the system and cannot be customised.

4. Click **Save**.

   The calendar is created and immediately added to the list: you can now define its opening and closing time ranges.

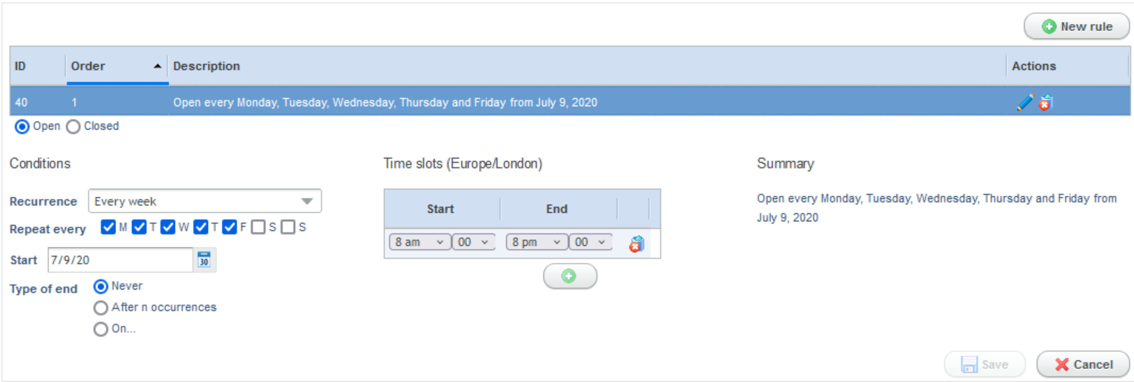
8.5.3 Opening and closing time ranges

You must define the specific opening and closing time ranges of the calendar, by creating rules: standard weekly hours, public holidays, etc. This action is performed after the creation of the calendar. It is advised to define the general rule first (e.g. Monday to Friday from 8am to 6pm) and then define the possible exceptions (e.g. Saturday from 8am to 12pm).

8.5.3.1 Creating a rule

A rule corresponds to a specific time range in the calendar. It is possible to create as many as needed.

1. From the **Widgets** tab, click **Calendars**.
2. Select, from the list, the desired calendar.
3. Click the **Rules** tab.
4. Click the **New rule** button.



5. Fill in the following parameters:

   Open/Closed
   Check the availability of the contact centre during this time range: open or closed. According to your choice, the fields to be filled in vary.

   Recurrence
   Indicate how often the rule is repeated: every day (default choice), every week, every month or every year (e.g. every year if it is a closing rule for a public holiday).

   Start
   Enter the start date of the rule either by entering it manually or by selecting it from the calendar. It can be past, present or future. By default, this is the current date.

   Type of end
   A rule may have a limited duration or not, depending on whether it is a punctual event (e.g. service closed exceptionally for one day), or a permanent one. You must therefore check the type of end for the rule:
   Never: the rule is unlimited in time.
   After n occurrences: the rule is repeated a certain number of times, to be specified in the **End after** mandatory field. When this number is reached, the rule is no longer applied and disappears from the calendar.
   On: the rule stops at a specific date that you have to define.

Time slots
In the case of an opening rule, add the time slots. If this is valid for one or more specific time slots, you must add them here (e.g. service open continuously from 9am to 7pm). Click Add (+) then select the start and end times of the slot. Repeat this entry as many times as there are time slots to be created. You can delete a time slot at any time, if needed.

> **Warning:** time slots should not overlap. If that is the case, it is not possible to save you entry (greyed out button).

Summary
Check the summary of the rule to make sure that there are no errors.

6. Click **Save** to validate your entry.

   The rule is immediately displayed in the calendar in last position.

8.5.3.2 List of rules

Each new rule created is immediately added to a list, displayed at the top of the tab. You can view for each one: its ID, its order number, its description and the possible actions. The opening and closing rules of the calendar can be modified or deleted, following the standard process.

If you define several rules, make sure that they are consistent with each other.

8.5.3.3 Modifying a rule

Warning: if you modify a rule while the calendar is in production, the change may not take effect immediately. The rule is applied after a delay set up in the AIP configuration file (Checkdelay parameter of the Task tag).

1. From the **Widgets** tab, click **Calendars**.
2. Select, from the list, the calendar to be modified.
3. Click the **Rules** tab.
4. Click the **Modify** button ( ) located on the line of the affected rule.
5. Perform the desired changes (refer to creation).
6. Click **Save** to save your entry.

8.5.3.4 Deleting a rule

1. From the **Widgets** tab, click **Calendars**.
2. Select, from the list, the calendar to be modified.
3. Click the **Rules** tab.
4. Click the **Delete** button ( ) located on the line of the affected rule.

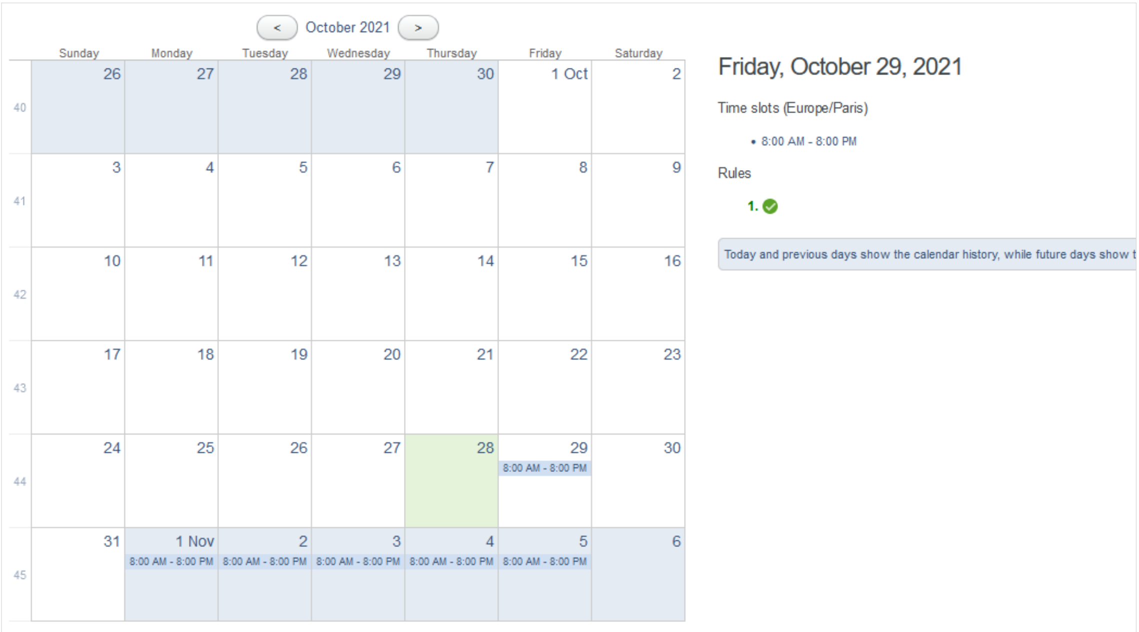
   ALE Connect asks you to confirm the deletion.
5. Click **Yes** to delete permanently the rule, or **No** to abandon this action.

   ALE Connect immediately deletes the rule and updates the calendar.

8.5.4 Viewing the calendar

You can view the final calendar: it displays the opening and closing periods, as defined in the Rules tab. In other words, you cannot change anything here. By default, you will view the calendar for the current month. Today's date is highlighted by a green cell as a reference point.

1. From the **Widgets** tab, click **Calendars**.
2. Select, from the list, the calendar to be viewed.
3. Click the **Calendar** tab.



On the right of the screen, a summary displays the opening and closing rules at the current date.

To change the month, simply click the **Previous** and **Next** arrows.

8.6 Contact association

This functionality allows you to choose which fields of the contact sheet ALE Connect should use to search and identify the web user who starts a chat. The setup is always performed by business unit.

8.6.1 How does it work?

ALE Connect retrieves the context data from the website where the web user is positioned, then checks whether there is any match in its contact database. The software also relies on the pre-contact survey that the web user fills in at the beginning of the chat.

If so, two specific cases may happen:

- **Several contact sheets match**: they are suggested to the agent so that he chooses the one to associate with the conversation.
- **Only one contact sheet matches**: it is automatically associated with the current conversation.

8.6.2 Advice to guide your choice

- Think carefully about which fields to select for the search, because it will be performed on all checked fields. In other words, if a data does not find a match, the contact sheet will not be selected.
- The **Email** field must be searched using the context data **frm_email_address_1**.

Warning: the search works in "contains" mode, i.e. it extracts all the contacts whose field contains the character string entered by the web user or automatically retrieved from the context data. Moreover, the search is not case-sensitive. For example, if the web user has entered "COM" for the "Company" field, ALE Connect will search and select all contacts whose company contains this string, such as "COMPANY", "Company", or "COMPANY_1".

8.6.3 Procedure

1. From the **Widgets** tab, click **Contact Association**.
2. Select a business unit from the scrolling list.
3. Check the fields to be used for the search.
4. Check the **Display the most recent contact** option if you wish only the contact sheet with the most recent creation date to be selected by the system, even if there are several matches. In that case, the sheet is automatically associated with the conversation.
5. Click **Save** to save your entry.

8.7 Usage on the web user's side

The widget has been correctly installed on the company's website page(s). Its appearance is in accordance with the configuration defined in the widget builder. The invitation to contact the centre is displayed in accordance with the behaviour rules and calendar set up.

The widget is therefore ready for use: any web user browsing your company's website can now use it to contact the centre by performing a chat request.

8.7.1 Technical prerequisites

Before use, the widget must meet the following configuration criteria for optimal use.

Media required

- The ALE Connect license must include the **Chat media** to manage chat.

Compatible browsers

The web user must use a browser with the **Web Storage** functionality, one of the HTML5 APIs. If this requirement is not met, the widget does not appear.

- **Mozilla Firefox 3.5** and later versions
- **Google Chrome** current version
- **Microsoft Edge** current version

No other software (extension, plug-in, etc.) is required.

Tablets and mobiles

- **Safari** on iOS 11 and higher
- **Chrome** on Android 6 and higher

Resolutions supported

- For **mobile phones**: 320 x 568 minimum
- For **tablets**: 1024 x 768 minimum Safari on iOS 11 and higher

Languages supported

- French
- English
- German

The default language is English, when another language is detected by the web user's browser.

8.7.2 Cookies and data collection

The widget has no impact on the GDPR constraints (General Data Protection Regulation) and the mandatory collection of consent related to the use of cookies.

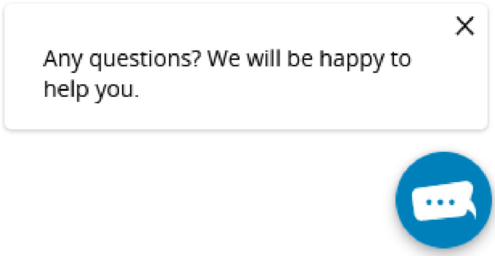
Indeed, the widget does not use any cookies.

It uses only the browser’s `sessionStorage` object to store information related to the current session, and to allow the user to continue the conversation while browsing the site: web user ID, user interface language, configuration information, etc. This information is automatically deleted by the browser when it closes.

8.7.3 Chat request

This service allows the web user to chat online in real time, via the widget, with a contact centre agent.

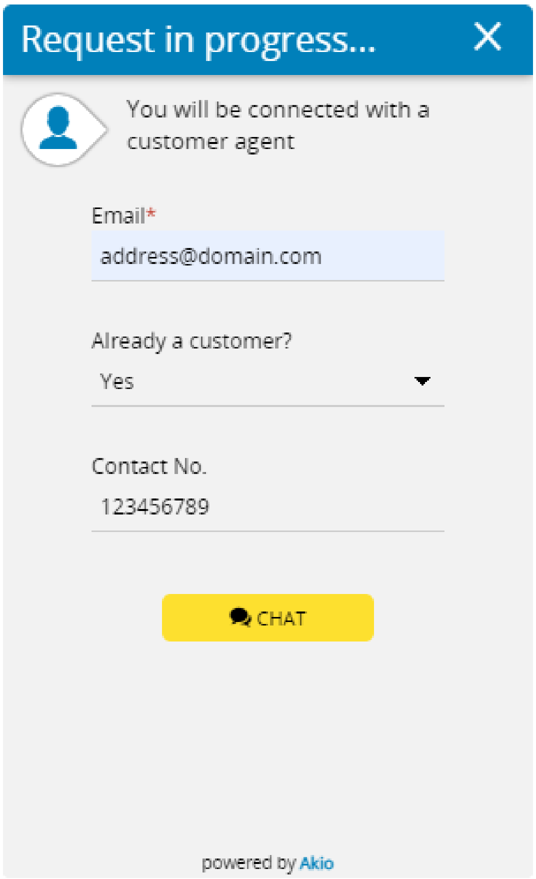
1. On the brand's website, the web user sees the web page in which the widget has been integrated.



The invitation is offered to the web user according to the behaviour rules and calendars set up. Its **type** (icon in the example above), its **appearance** and **welcome message** are in accordance with the parameters defined in the widget builder.

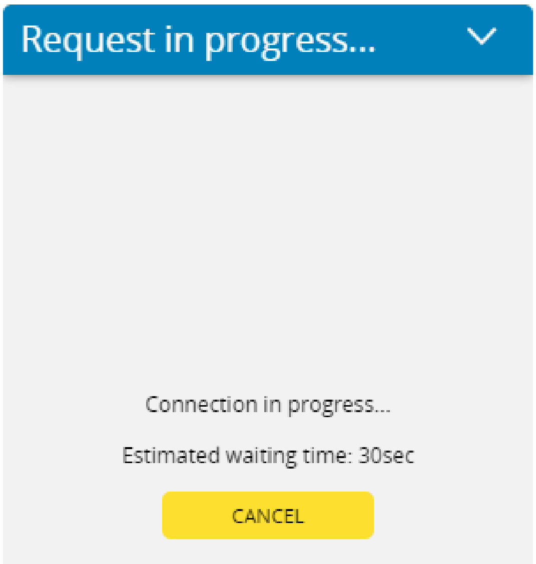
2. The web user clicks the invitation offered by the widget.

A pre-contact survey is displayed (optional). It offers the web user to fill in certain information before performing a chat request:



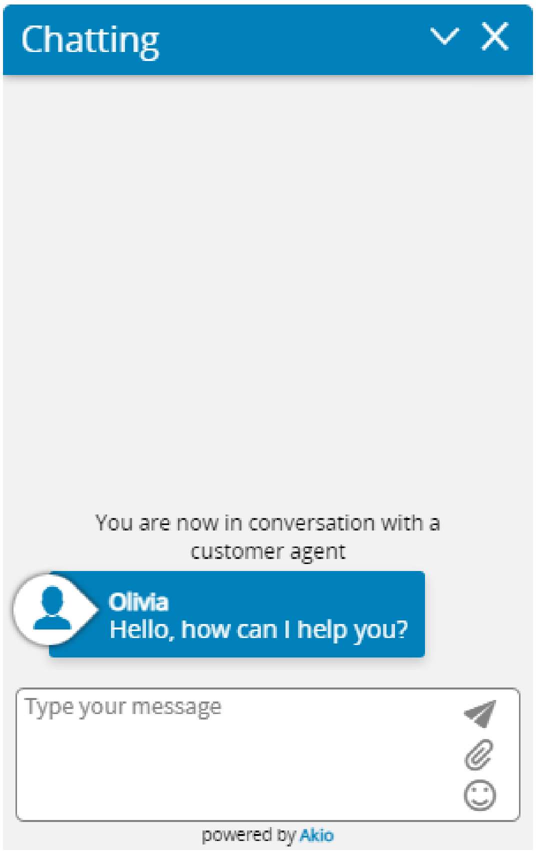
3. The web user clicks the **Chat** button.

   A chat request is sent to ALE Connect:



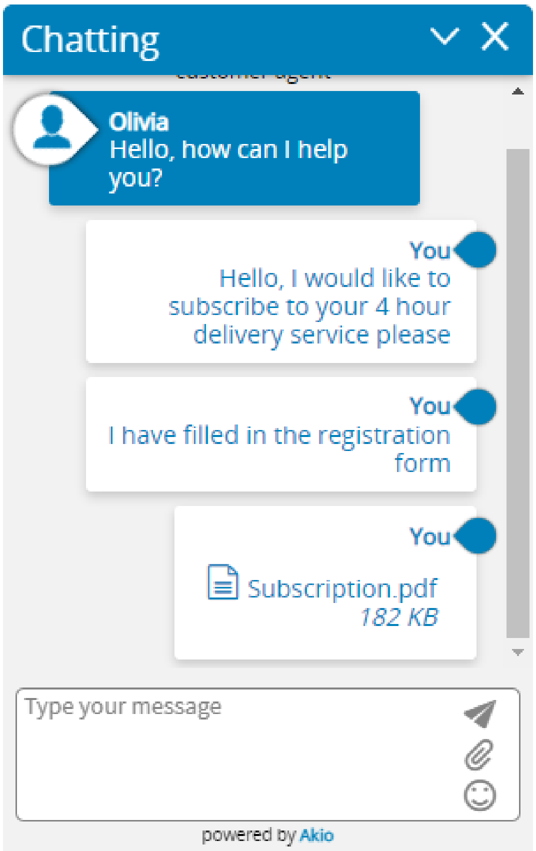
The web user sees the **estimated waiting time** calculated by ALE Connect. Following the connection request, ALE Connect distributes the interaction to an available agent who accepts to support it.

The conversation between the web user and the agent starts:



An introduction message may be displayed to the web user, if set up. The web user is then invited to ask his/her question. In parallel, on the agent's side, a chat folder was opened on his/her ALE Connect interface.

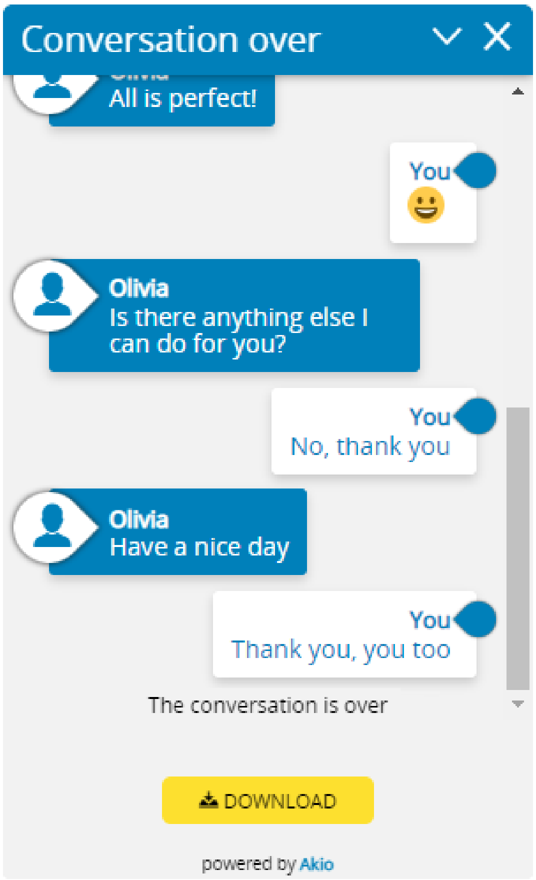
4. The web user writes his/her first message in the entry area at the bottom of the widget, then sends it by clicking the **Send** button (✈) or by pressing the **Enter** key.



The web user can insert **emojis** in his/her messages or attach files.

5. The agent receives the message on his/her ALE Connect interface and replies. The conversation continues until the web user's request is processed.

The conversation ends either on the initiative of the agent on his/her ALE Connect interface or on the initiative of the web user by clicking the **Close** widget button (✖):



The chat is now over. The web user can, if desired, **download the conversation** in PDF format within 10 minutes of the end of the chat.

8.7.4 Attachments

During a chat, the web user can send files to the agent with whom he or she is chatting to support or illustrate his/her request: PDF files, images, sounds or videos. This section therefore describes the actions available on the widget, from the user's point of view.

By default, a maximum of 5 attachments can be posted during a chat (value can be set up). In the event of an error during uploading or if the upload rules are not respected (invalid file, size greater than the authorised limit, etc.), the web user is warned by an error message displayed in the conversation thread.

ALE Connect's antivirus scans systematically every file sent by the web user. If no virus is detected, it is added to the conversation. If not, the file is not uploaded and a message is displayed in the conversation thread. The antivirus analysis report will be added to the folder as attachment.

When the chat is over, the web user has access to the attachments as long as the conversation history is available. If the chat is closed while attachments are being sent, the sending is cancelled. When clicking an attachment that is no longer accessible, an error page (410) informs the web user.

8.7.4.1 Prerequisites

To implement this functionality, operations must first be performed on the ALE Connect server:

- **It is mandatory to configure the management of attachments for the chat media.** In particular, the configuration files must be modified to set up the desired direction (agent > web user and/or web user > agent) and to declare the file extensions authorised as attachments.
- **The ClamAV antivirus is mandatory.** In order to secure the transfers, it is mandatory to set up the use of the third party server ClamAV during the installation of the ALE Connect version. If this antivirus is not installed or configured, the functionality to insert attachments will be unavailable. Any attempt to upload a file will generate a message informing the user that the functionality is deactivated.

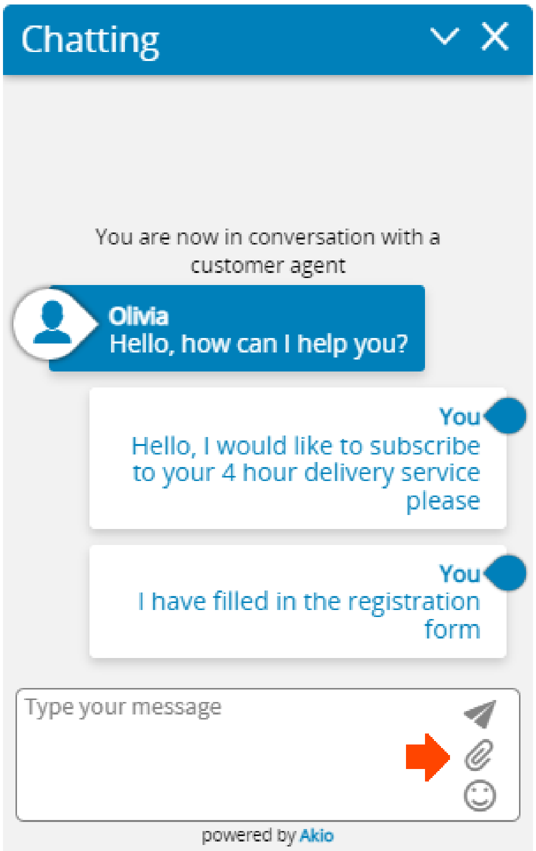
Warning: we invite you to contact your technical contact for further information.

8.7.4.2 Allowed file formats

- **Image**: jpeg, jpg, png, gif
- **Sound**: mp3, wav
- **Video**: mp4, mov, webm, mkv
- **Application**: pdf

8.7.4.3 Adding an attachment

1. During the chat, the web user wishes to send a file to the agent.



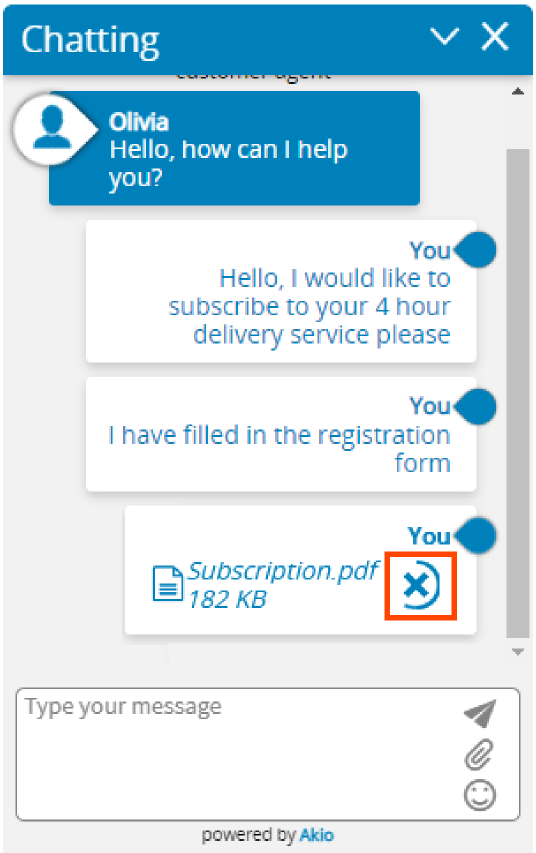
2. The web user clicks the **Paperclip** icon (📎) located in the upper right corner of the entry field, or **drag** the file directly into the entry area:

   Note: on mobile devices, the action is available via a **Paperclip** icon or the **camera** icon.

   If the web user has clicked the **Paperclip** icon (📎), a window is displayed offering to select files. By default, only allowed file types are displayed.

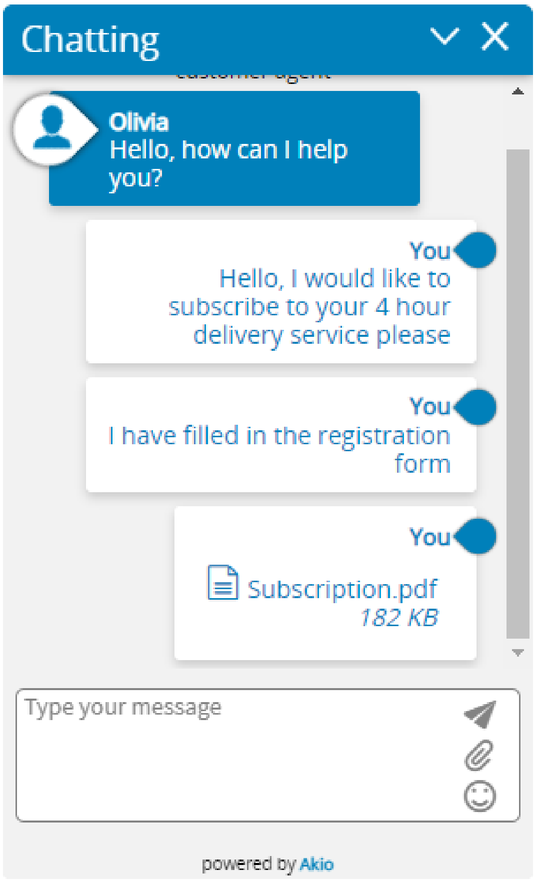
3. The web user selects a file to be attached and clicks **Open**.

   The web user can see the progress of the file upload, as well as its name, extension and size:



The file is analysed by the antivirus. If a virus is detected, the file is not uploaded.

When the upload is valid, the file is successfully uploaded:



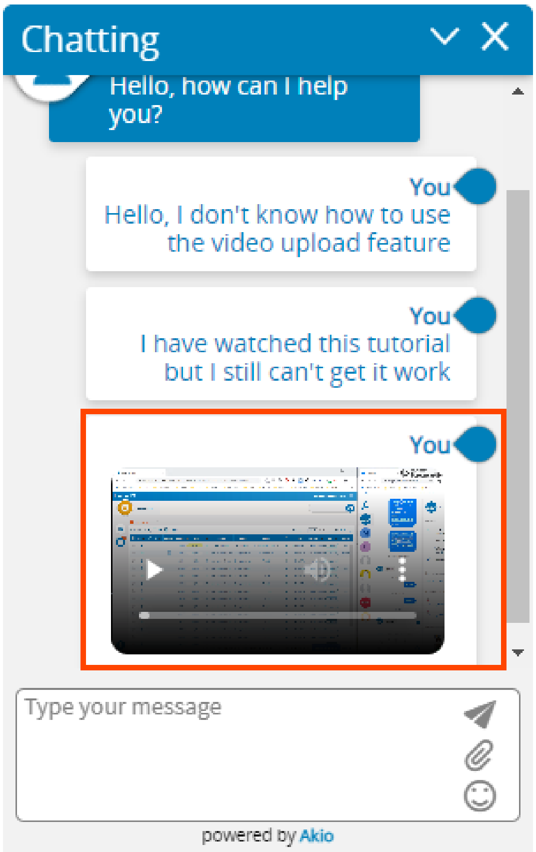
The web user then sees the attachment, within the conversation, in the form of:
- a hyperlink if it is a PDF file,
- a thumbnail if it is an image,
- a media player whether it is an audio or video file.

8.7.4.4 Viewing an attachment

The web user can view the contents of an attachment at any time during the chat. To play audio files and videos, the widget uses the browser's media player.

1. During the chat, the web user (or the agent) sends an attachment.

   It is displayed within the conversation, as a new message:

2. The web user clicks the **file** to view it.

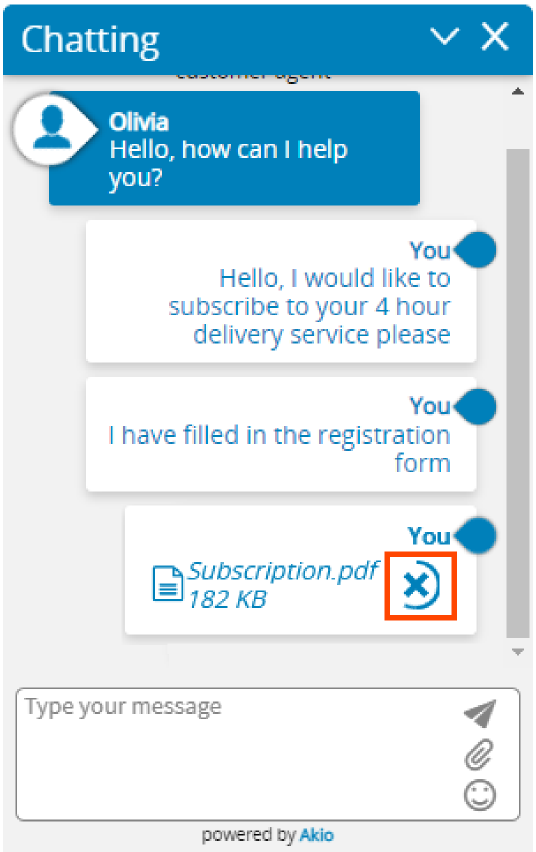
   If the attachment is an image or a PDF file, it opens in a new browser tab.

   If it is an audio or video file, the web user can start playing it using the default media player.

8.7.4.5 Cancelling the sending of an attachment

The web user can cancel the uploading of a file while it is in progress. The web user therefore has a limited amount of time because, once the upload is complete, the action disappears: the attachment has been sent to the web user.

1. During the chat, the web user tries to send a file and it is being uploaded:



2. The web user clicks the **Stop** icon (✕) to cancel the current upload.

   ALE Connect immediately stops sending the attachment.

9 ALE

This tab allows you to set up and monitor the connection between ALE Connect and OXE, the ALE communication server responsible for distributing incoming ALE Connect voice interactions (see the ALE editor’s OXE documentation for more information).

For this purpose, it includes technical features that will allow you to:

- set up the O2G connection, monitor it and act in case of incident,
- feed ALE Connect with data from OXE and/or Rainbow,
- set up the correlator data to initialise the form fields,
- get .log files tracing the exchanges between ALE Connect and O2G.

9.1 O2G connection

O2G is the cloud gateway responsible for connecting OXE to ALE Connect by publishing a secured API. The O2G - ALE Connect link is encrypted and a certificate must be deployed when installing O2G. Then, the secured connection between O2G and ALE Connect can be configured in two steps:

1. Generate a new authentication token
2. Define the connection parameters to O2G

9.1.1 Setting up the O2G connection

9.1.1.1 Step 1: generating a new authentication token

In order to secure exchanges, the O2G API must submit a valid authentication token when requesting the connection to ALE Connect. This token is valid for the tenant level and therefore all its business units. This operation must be performed by a coordinator who wishes to set up a tenant for which no authentication token is valid.

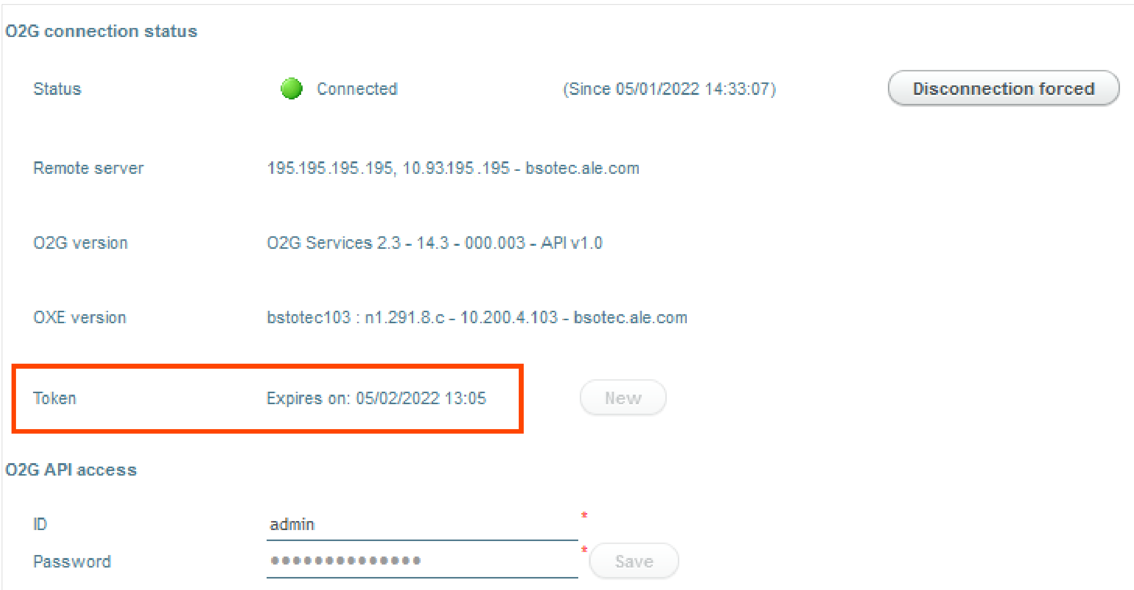
Warning: once the token is generated, you must configure it in O2G. This token is valid for 30 days. It is automatically renewed every 28 days by O2G.

1. From the **ALE** tab, click **O2G connection**.
2. Click the **New** button.

   Warning: this button is only active if you are a coordinator. Otherwise, it is greyed out.

   A warning message informs you of the consequences of this action and asks you to confirm it.

3. Click **Continue** to confirm the creation of the token. A new authentication token is generated and its expiry date is displayed:



   The token is automatically copied to the **clipboard**, so that you can paste it into a text editor to view its content, if needed. You can now **declare this token in O2G**.

9.1.1.2 Step 2: declaring the connection parameters

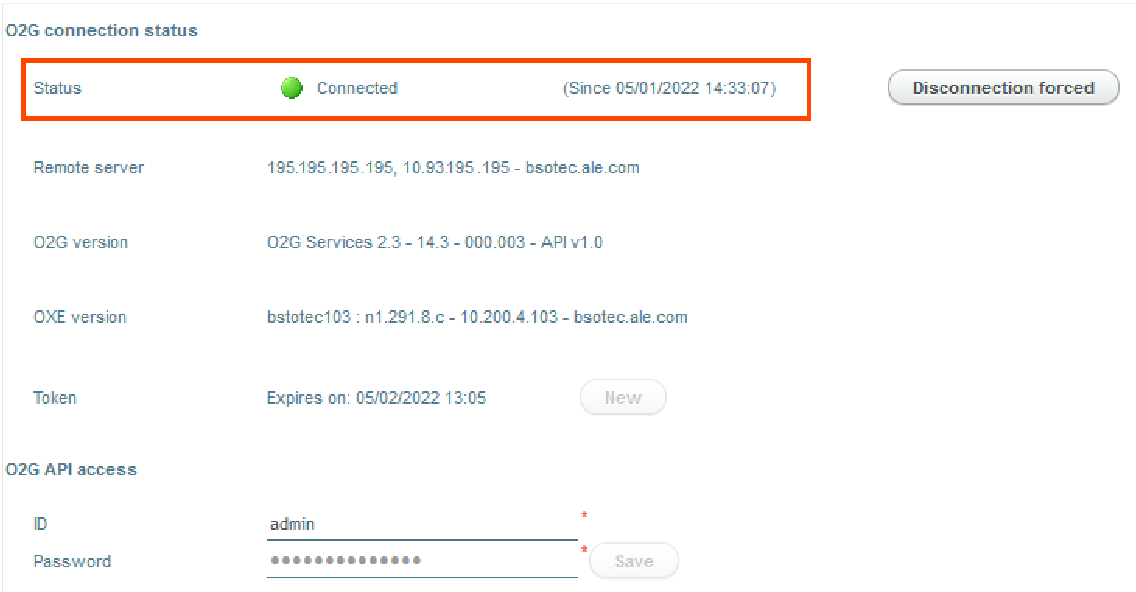
Once the token created, you must define the ID and password that ALE Connect should use to call the O2G API. This information is mandatory and saved at the tenant level. If necessary, it is possible to modify them later. In that case, the changes are taken into account after restarting the ALE O2G microservice (operation strictly reserved to the technical operator of the ALE Connect platform).

1. From the **ALE** tab, click **O2G connection**.
2. Enter a connection **ID** (30 alphanumeric characters maximum).
3. Enter a **password** (30 alphanumeric characters maximum).
4. Click **Save**.

9.1.2 Viewing the status of the O2G connection

In case of doubt, you can easily check whether the O2G API is connected to ALE Connect. Please note that the values displayed are those available at the time the screen is opened. They are not refreshed automatically. You must reopen the menu to view any changes.

1. From the **ALE** tab, click **O2G connection**.
2. Check the status and colour of the indicator:



Status
Connected: the connection is operational since the date and time indicated (green light).
Disconnected: the connection is momentarily suspended (red light).

Remote server
Local IP address, remote IP address, hostname of the server.

O2G / OXE version
Versions of the O2G server and OXE currently used with ALE Connect. If **Information unavailable** is displayed, it means that the OXE version could not be obtained (OXE stopped, O2G connection interrupted, etc.). If an OXE update operation is in progress, the new version will be displayed again automatically at the end of the processing.

9.1.3 Forcing a disconnection

In case of technical problems, you have the possibility to terminate the connection between O2G and ALE Connect, for the affected tenant. By forcing a disconnection, O2G will attempt to automatically and cleanly reconnect to ALE Connect which will have to authenticate this new connection with the last valid token generated.

Warning: check beforehand that this action will not impact the activity in progress, agent login and data synchronisation. Agents and supervisors will be informed of this disconnection by a message on their ALE Connect interface.

1. From the **ALE** tab, click **O2G connection**.
2. Click the **Disconnection forced** button.

   A confirmation message is displayed informing you of consequences of this action.
3. Click the **Continue** button.

   Disconnection is requested. O2G automatically reconnects to ALE Connect.

9.1.4 What if the O2G connection is suspended?

The following are reasons why disconnection may occur:

O2G cannot reach ALE Connect. This may be, for example, a network routing problem. In that case, the global network configuration should be checked. Please contact the ALE Connect tenant coordinator to report the malfunction.

O2G submits an invalid token. The connection cannot be established with ALE Connect. You must then regenerate a token on your ALE Connect administration interface, and then declare it in O2G.

ALE Connect uses a login and/or password that are rejected by O2G. Make sure you have the rights identifiers. Then, check the login and password set up in ALE Connect are identical to those declared in O2G.

9.1.5 Renewing an authentication token

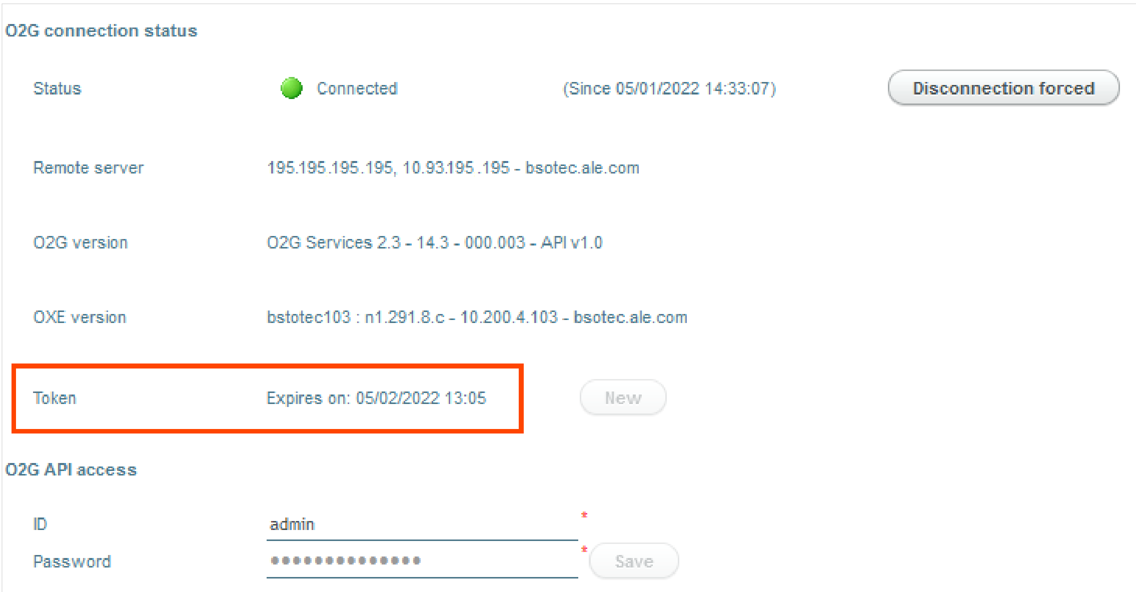
You wish to generate a new token when one already exists and is active. This action will invalidate the token being used. The current connection to ALE Connect will be preserved but the new token will be required by ALE Connect to the next O2G reconnection. If the creation of the new token fails, the former token remains valid.

1. From the **ALE** tab, click **O2G connection**.
2. Click the **New** button.

   Warning: this button is only active if you are a coordinator. Otherwise, it is greyed out.

   A warning message informs you of the consequences of this action and asks you to confirm it.
3. Click **Continue** to confirm the creation of the token.

   A new authentication token is generated and its expiry date is displayed:



   It is also automatically copied to the **clipboard**, so that you can paste it into a text editor to view its content. You must now declare the generated token in O2G.

9.1.6 Checking the validity of an authentication token

1. From the **ALE** tab, click **O2G connection**.
2. Check the expiry date of the current token.

9.2 Synchronisation

The provisioning is the operation which consists in supplying ALE Connect with some key data from OXE and/or Rainbow: users, operational statuses, etc. To this end, ALE Connect will query O2G to get and retrieve the data to be created. This functionality allows you to manually trigger a provisioning processing from your administration interface.

9.2.1 Prerequisites

ALE Connect performs the following controls when you request to run a provisioning processing:

- you are connected to Rainbow,
- AND the setup of the O2G connection has been correctly performed,
- AND the O2G connection is operational.

If you launch the provisioning when these requirements have not been met, the processing cannot be started.

9.2.2 When should provisioning be triggered?

You have the possibility to trigger the provisioning of a tenant at any time.

The **first execution** initialises the data in ALE Connect, and must be triggered manually via this screen. Once the provisioning is complete, you can complete and finish setting up ALE Connect.

The **next executions** update the data (e.g. new user) at the desired frequency. At each provisioning, ALE Connect will check that the expected data exists: default business unit, default skill, etc. If the data does not exist, it will be automatically created.

The provisioning can be executed as many times as desired, especially in case of desynchronisation between ALE Connect and O2G. It is executed asynchronously so that you can continue to use the administration interface freely. The result of the provisioning is saved in a report to be downloaded.

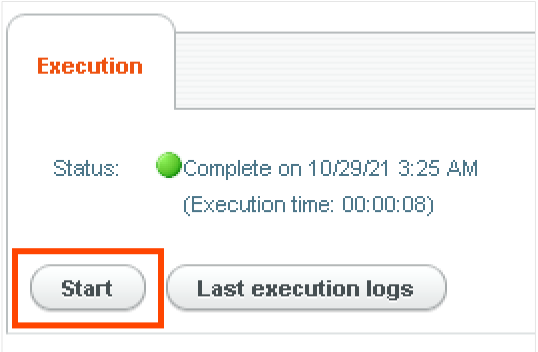
9.2.3 Data created by the provisioning

Data	Information
User	Users must be declared in Rainbow and OXE to be declared in ALE Connect during the provisioning. Each user has a login in the form of an email address. This login is the link between ALE Connect and O2G/Rainbow and should not be changed. The user data comes from OXE, except for the time zone which is supplied by Rainbow. **Warning**: when updating a user, information from O2G/OXE overwrites those from ALE Connect **except for the last name, first name, email address, language and time zone.** In other words, these 5 fields will never be updated by the provisioning in order to keep the values entered in the user sheet.
User groups	Default group assigned to ALE Connect users.
Business unit	Default business unit of the tenant.
Skill	Default skill of the default business unit. It is automatically attached to the default skill group, also created by the provisioning.
Realtime queue	O2G provides the list of pilots. ALE Connect creates for each of them a couple of queue/realtime queue. Voice queues are created for the default business unit, which is created by the provisioning. Note: if a pilot name contains characters which are not supported by ALE Connect, they will be automatically replaced by a _ character (underscore) when creating the queues and realtime queues.
Operational status	Operational statuses that the agent can use when working on his/her ALE Connect interface (Unavailable, Push Voice, etc.). They will be associated with the default realtime profile of the tenant.

9.2.4 Launching a provisioning

This action allows you to trigger a provisioning processing. If a provisioning is already running, your request will be rejected.

1. From the **ALE** tab, click **Synchronisation**.
2. Click the **Start** button.

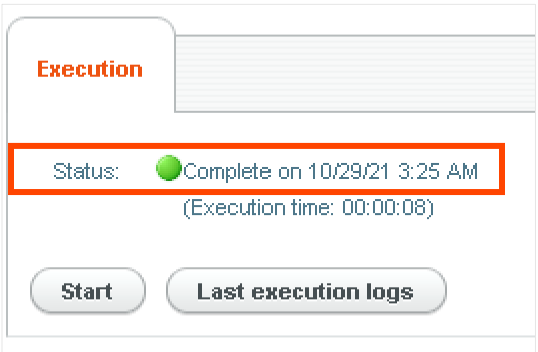


Once the processing has been successfully completed, you can download the execution report.

9.2.5 Viewing the provisioning execution report

At any time, you can check the execution status of the last provisioning processing requested. This information avoids restarting the same processing on a tenant, when it is already in progress.

1. From the **ALE** tab, click **Synchronisation**.
2. The status of the last execution is displayed:



In progress: the data synchronisation is running since the specified date and time.

Aborted: the connection between O2G and ALE Connect is interrupted. Data synchronisation cannot be performed.

Complete: the data synchronisation was completed successfully and without error, at the date and time indicated.

Complete with warnings: the data synchronisation is complete at the specified date and time, but there were one or more warnings. Although there are no blocking errors, it is advised to download the execution report in order to check the WARNING logs and correct any cases that prevent error-free synchronisation.

Complete with errors: the data synchronisation was completed at the specified date and time, with one or more errors. Download the execution report and then review the errors to correct them, before continuing to operate the platform.

Information unavailable: a technical problem has been detected. Try running the provisioning again. In case of new failure, please contact you ALE Connect administrator.

9.2.6 Downloading the execution report

The provisioning execution generates a report that you can download to check what happened. Depending on the last performed execution, you retrieve the report of the last requested synchronisation from this screen, OR the report of the last synchronisation started automatically when O2G reconnects to ALE Connect.

The report only contains the results of the last execution: ALE Connect does not keep a history of past executions. Each line of the report is time stamped.

1. From the **ALE** tab, click **Synchronisation**.
2. Click the **Last execution logs** button.

9.3 Correlator data

In order to lighten the workload of agents (when they are handling an incoming call) and to provide them with relevant content, certain data can be automatically retrieved from the correlator data provided by OXE: order number, customer number, language, etc. The correlator data is a structured, 32-byte encoded sequence of information that typically contains a single piece of data. However, it may happen that more than one piece of information is encoded.

That is the reason why this functionality allows to set up the decoding of the correlator data. This involves establishing a correspondence between each field to be decoded and the corresponding form field, in order to initialise its value automatically.

Warning: this functionality can only be used for incoming calls. The setup must be performed for the default business unit named DEFAULTCLIENTSPACE. As a result, the data correlator will be decoded using the default form associated with this business unit, and will be applied to all the voice queues (= pilots) which depend on this same business unit.

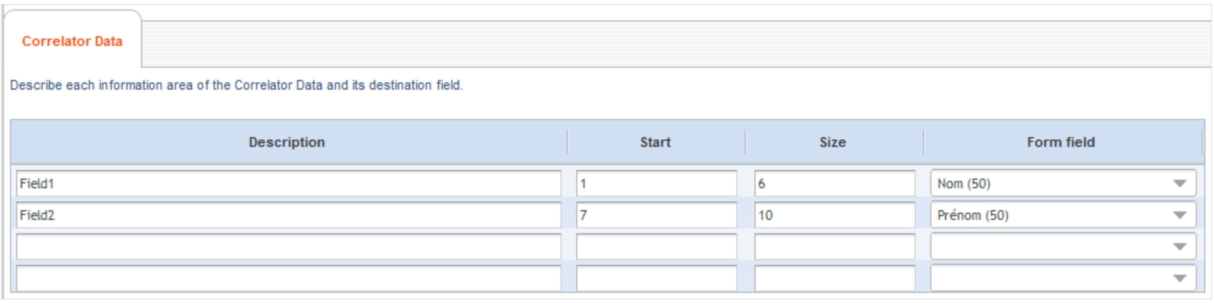
9.3.1 General principles

- **The setup of the correlator data must be consistent with the one defined in OXE.**
- This setup is optional. If no mapping is performed, the form fields of the voice folders will not be initialised automatically.
- Up to 4 form fields can be decoded from the correlator data.
- Depending on the case, the correlator data may consist of a single element or several.
- The values contained in the correlator data may sometimes be insufficient to fill in the various fields. For example, if the correlator data contains only 4 characters and the first field tries to capture the first 10 characters, then the field will contain only 4 characters.

9.3.2 Setting up the correlator data

This involves delimiting each field to be decoded within the data correlator, then associating it with the corresponding form field.

1. From the **ALE** tab, click **Correlator data**.



The screen displays a table: each row corresponds to an area to be decoded.

Note: the order in which the rows are entered does not matter for decoding.

2. For each area to be decoded (4 maximum), enter the following parameters:

   Description
   Enter a label of 255 alphanumeric characters maximum, clearly identifying the area to be decoded. The description is purely informative and will not be used to analyse the correlator data.

   Start
   Specify the position (= byte) from which the field starts within the correlator data. The start position must be a numerical value between 1 and 32 maximum.

   Size
   Specify the total number of bytes in the area to be decoded. The size must be a numerical value comprised between 1 and 32 maximum.

   Form field
   Select, from the scrolling list, the form field that corresponds to the area. It will be automatically initialised with the value decoded. The suggested fields are those of the default form for the default business unit. The maximum size of the form field is shown in parentheses, as the field size should not be larger than this.

   Example of correlator data:

Byte	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Data	E	N	G		C	O	M	P	L	A	I	N		C	1	2	3	4	5	6		O	9	8	7	6	5	4				

   Language: bytes from 1 to 4
   Reason: bytes from 5 to 13
   Customer: bytes from 14 to 21
   Order No.: bytes from 22 to 28
   Not used: bytes from 29 to 32

3. Click **Save**.

9.3.3 Modifying the correlator data

If necessary, you have the possibility of rectifying the existing setup afterwards (e.g. adding a line to decode a new field). The update will be applied upon saving to all future incoming calls. Furthermore, as it is not possible to delete one or more rows directly from the table, simply delete all the values in a row and save your entry, so that the row is deleted from the table.

1. From the **ALE** tab, click **Correlator data**.
2. Perform the changes you wish.
3. Click **Save**.

9.3.4 Where is the decoded information used?

Following the setup, the form fields (or metadata) decoded from the correlator data are automatically retrieved by ALE Connect. On the agent interface, **they feed the closed folder of each incoming call accessible from the Processed desktop**: the agent can view them in the Data tab of the folder.

However, this is not the only business use. Indeed, the correlator data can also be used to:

- feed the conversation script suggested when processing an incoming call. If the URL address of this conversation script contains form fields targeted by the setup of the correlator data, then the values of these fields are automatically initialised.
- feed the merge fields of the response templates set up in the administration interface.
- feed certain fields in the contact sheet according to the setup of contact sheet form.
- add additional fields in the folder, when processing the incoming call, provided that the corresponding form has been set up with the form editor.
- call certain APIs exposed by ALE Connect.

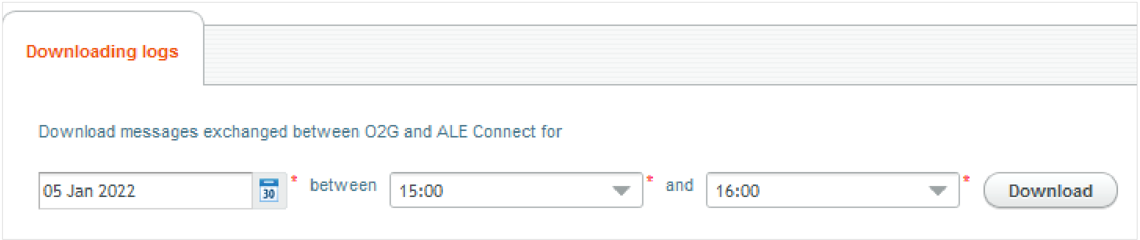
For more information on the voice folders processed by agents, please see the ALE Connect *Agent* interface documentation.

9.4 Component logs

You can download a .txt file tracing the exchanges performed between ALE Connect and O2G over the desired period, for the affected tenant. This file can be useful within the context of a maintenance operation in collaboration with the ALE support.

ALE Connect will inform you if no logs are available for the requested extraction period.

1. From the **ALE** tab, click **Component Logs**.
2. Enter the desired extraction date and time.



3. Click the **Download** button.

   A window is displayed: it suggests you to open the file with the application of your choice or to save it on your computer.

4. Check the desired option and then click **OK**.

   The file is generated by ALE Connect: you can now use it.

10 More help

10.1 Glossary

A

Access: number of users simultaneously logged in to ALE Connect. The accesses are split into two pools: one reserved to V.I.P. users (coordinator or supervisor) and the other accessible to all.

Acknowledgement of receipt: automatic email sent by ALE Connect to a contact, confirming the receipt of his/her message and usually indicating an informative processing deadline.

Address book: list of persons internal or external to the company with whom the agents may communicate when processing folders, whether to obtain additional information before replying to a contact, or copy them for example.

Agent: also known as advisor, he or she is responsible for processing requests performed from contacts, whatever the media used: phone call, email or chat. He/She belongs to a group of agents and shares the same rights as them.

Aggregation: in reporting, process which consists in cumulating values to get a single value that will be used. Usually, values are aggregated over a given period (week, month or year for example) or a geographical area (region, country, continent, etc.).

ALE Connect application freeze: temporary blocking of the ALE Connect interface, when the agent has ignored several successive pop-up notifying the arrival of an interaction. This mechanism is intended to temporarily suspend the distribution of emails and chats.

Animated GIF: GIF (Graphics Interchange Format) is an image format frequently used on the Web. An animated GIF is a variant: this GIF file includes a series of ordered images, displayed very quickly in a loop, thus allowing to obtain a short animation. Usually comical or parodic, they are used to illustrate a situation, a thought or an emotion. They can be used in Facebook Messenger conversations between an agent and a web user.

API: Application Programming Interface that allows applications to exchange data with each other. ALE Connect provides a library of API to exchange data with any third party application (usually a CRM software).

B

Behaviour rule: set of parameters that define the time and conditions to display a chat invitation to the web user, via the widget, depending on the web page on which he/she is positioned, as well as the conditions related to his/her activity on this page.

Business unit: sub-division of the tenant. The business unit is a set of queues with its own knowledge base.

C

Chat: instant messaging that allows contact centre agents to chat with web users in real time.

Contact: person (customer or not) who initiates an exchange with the contact centre. This exchange can be performed by email, telephone, chat, etc. Each contact is identified by an individual sheet in the software.

Coordinator: this user has access to a single tenant and some extensions (e.g. advanced routing). The coordinator role is usually reserved to the Business Partner in charge of the configuration of the ALE Connect tenant.

Cube: in BI, abstract representation of multidimensional information that is exclusively digital, based on the OLAP (On-line Analytical Processing) approach. A cube is based on a relational database built in a structured way and organised by business axis to allow simple access (DataMart). This method is offered for interactive analysis purposes by one or more persons (often computer and statistical novices) whose job is represented by the data.

D

Dashboard: dashboard displaying Key Performance Indicators (KPIs) that measure trends and performance of contact centre activity, either in real time or historically for the current day.

Desktop: working directory presenting a list of folders, as a mailbox, all media included.

Dimension: in a statistical report, business axis you wish to analyse (e.g. media, agents, emails, etc.). The dimensions are specific to each cube and can be used as filters. A report can contain several dimensions.

Drill-through: in a statistical report, computer action that allows you to zoom in on the finest level of information with a single click, from aggregated data.

E

No entry in the glossary.

F

Facebook Messenger: instant messaging system provided by the social network Facebook.
ALE Connect allows contact centre agents to process requests performed by web users through this media.

Folder: request from a contact that includes the various exchanges and processings related to this request, whatever the media used to initiate it.

Form: set of fields allowing to store metadata related to an interaction in the ALE Connect tables. This data is usually extracted from emails, voice scenarios (for voice) or context data (chat).

G

No entry in the glossary.

H

Handling time: measure used to evaluate the time spent by an agent to process a folder.

I

No entry in the glossary.

J

Job: scheduled computer task to be executed in the system. A job can be triggered either manually, at the most appropriate time chosen by the user, or automatically according to a programming at a scheduled date.

K

Knowledge base: library of shared elements facilitating the processing of folders by the agents. It contains response templates, among other things. Any agent can thus use the knowledge base when processing folders.

KPI: acronym for Key Performance Indicator. Key performance indicator also called counter in ALE Connect. In a statistical context, numerical value used to measure the performance of the contact centre. ALE Connect natively includes a wide range of key indicators to feed the dashboards or D+ reports.

L

No entry in the glossary.

M

Measure: numerical indicator representing a number, duration or percentage. It is also called KPI (Key Performance Indicator). It evaluates the trend, positive or negative, at a given moment, according to the object measured. A measure can be aggregated, i.e. cumulated over one or several dimensions such as a time unit: by day, by week, by month, etc.

N

No entry in the glossary.

O

Operational status: status specifying in real time what the agent or supervisor is doing, while communicating its availability to other logged in agents/supervisors. On the ALE Connect interface, it is represented by a round icon and a description specifying the task performed.

P

Picking: random sampling of messages written by agents. It is requested by the supervisor in order to check the content for qualitative or training purposes.

Pull mode: working method that allows the agent to freely select the interaction to be processed from one of the available desktops (email or Facebook Messenger conversation for example).

Push mode: working method that consists in automatically submitting to an agent any new interaction that arrives (call, chat, etc.) without the agent having to do anything. The software “pushes” the interaction. A pop-up is displayed in the lower right corner of the screen to notify this arrival.

Q

Quality of Service: QoS. Ability of the centre to respond to requests from contacts, all media included. It evaluates satisfaction in terms of response according to different criteria: responsiveness, handling time of folders, etc. It can be calculated over a day or a longer period depending on the need. Different calculation methods are available in ALE Connect. The higher the quality of service, the better the customer service.

Queue: set of folders from the same media. A queue mandatorily depends on a business unit.

R

Realtime queue: queue to which a language and a skill has been assigned. It automatically inherits from the media of the queue to which it is linked.

Report: statistics table with one or several rows and/or columns, depending on the case, presenting the results according to the chosen dimensions, measures and filters.

Response template: pre-formatted written message that agents and supervisors can use when processing a folder. Its insertion avoids entry errors, reduces handling time, and allows frequently asked questions to be answered. Response templates are particularly useful to process emails and chats with the web users.

S

Script: computer program that describes a sequence of commands or instructions in order to automate a task. In ALE Connect, scripts can be used by the management and routing rules to route interactions.

Skill: professional ability or know-how required to process a folder. A skill is always assigned to a new folder (as well as a queue and a language).

Spontaneous email: email sent by an agent/supervisor, for which there was no prior request from the contact.

Supervisor: in a contact centre, the supervisor is in charge of one or several groups of agents. He/She often combines the roles of agent and supervisor. As operational, he/she manages the activity and supports the agents he/she supervises in their daily tasks. He/She accesses the administration interface where he/she can, among other things, see the queues he/she supervises, manage the knowledge base and his/her user groups.

T

Token: in the ALE Connect license, number of media on which a user has a write access. The tokens are dispatched by business unit, then for each of them into two pools, one reserved to V.I.P. users and the other accessible to all.

U

No entry in the glossary.

V

No entry in the glossary.

W

Wallboard: dashboard whose ergonomics and display are adapted to remote reading, on large screens. It is used as a visual communication tool for teams grouped in the same open space, which can thus follow up the evolution of the activity in real time.

Webhook: notification system that alerts a third party application when a specific event occurs in ALE Connect. Acting as a messenger, it provides additional details of the event related. Communications between the two systems use the HTTPS protocol.

Widget: web interface complementary to ALE Connect which offers to web users to be connected to the contact centre. Integrated into the company's website page(s), it offers a chat service (a web user can chat directly with an agent).

Wrap-up: when the interaction is over (call, chat, etc.), time remaining for the agent to complete the folder. This time can be set up by the ALE Connect coordinator.

X

No entry in the glossary.

Y

No entry in the glossary.

Z

No entry in the glossary.

10.2 Frequently asked questions (FAQ)

Below you will find answers to the most frequently asked questions about ALE Connect.

10.2.1 User accounts

An agent has left the company. What action(s) should I do?
Start by deactivating the account, by entering an expiry end date in his/her user sheet, to prevent any login to ALE Connect with this account. Deactivation does not result in the deletion of any data (folders, statistics, etc.). In addition, you will have the possibility to reactivate the account later if, for example, you work with occasional/seasonal providers.

Move the affected user to an obsolete user group: we invite you to contact your customer support, to study the possibilities of implementation.

The statistical reports and dashboards need to be updated. Each customised report using lists of values filtered on agents or logins must be modified by its owner: the agent must be removed from these filters. Otherwise, if a programming exists for this report, its sending by email will fail. In addition, all the dashboards that contain list widgets in which the agent appears must also be updated manually.

A supervisor has left the company. What action(s) should I do?
Perform the actions described in the previous answer. Then:

The supervisor must be removed from the list of recipients for all programmings of statistical/picking reports. Please note that only the creator of a programming is authorised to modify it. If this is not done, ALE Connect will continue to send the reports to the supervisor. Since his/her email address has been deactivated, the system will generate mailer-daemon emails unnecessarily. Note: if the supervisor used private customised reports, we invite you to contact your customer support to discuss possible recovery options.

Make sure that another supervisor has the same rights, to avoid leaving folders to be validated/deleted indefinitely, in the Validation and Recycle Bin desktops.

A coordinator has left the company. What action(s) should I do?
Perform the actions described in the two previous answers. On the administration interface, assign the coordinator authorisations to his/her substitute.

10.2.2 Statistical reports

I do not receive / no longer receive a programmed report.
Various reasons may explain this fact. The following controls must be performed on the agent/supervisor interface in the Reporting menu ().

No programming has been defined for the report. Select the desired report. Move the cursor over the icon to the left of the report name: if a blue clock () is displayed, it means that no programming has been set up. You must create one (at least), so that the report can be sent.

A programming does exist, but it is suspended. If you have created it, you are the only one who can modify it: open the list of programmings for the affected report, then click the Activate button (▶) located on the corresponding line. Otherwise, contact the creator of the programming to perform the correction.

The sending frequency/day of the report has been set up incorrectly. It is necessary to correct the wrong programming(s) of the report. If you have created it, you are the only one who can modify it: open the corresponding list, then click the programming to be modified. Check the parameters of the sending frequency and, if necessary, the days checked. Perform the desired corrections. Otherwise, contact the creator of the programming to perform the correction.

You are not on the list of recipients. It is necessary to correct the wrong programming(s) of the report. If you have created it, you are the only one who can modify it: open the corresponding list, then click the programming to be modified. In the Recipients field, add the missing email address. After saving, it is recommended to check all the parameters of the report: the correction must be repeated as many times as necessary. However, if you are not the owner of the wrong programming, contact the creator to perform the correction.

The report contains too much data. The query failed to extract the results and the report was not sent. It is generally recommended to refine the criteria (filters, period, etc.) to reduce the number of results. You have two options: contact the supervisor who created the report to correct it, or contact the customer support.

The report uses a filter on a list of values among which one of them is not valid. The report must be updated by its owner to remove the obsolete values. As the previous case, you have two options: contact the supervisor who created the report to correct it, or contact your customer support.

How can I change the recipients of programmed reports that I do not own?
We recommend using a mailing list: with this single email address, all recipients are set up and managed by your company’s mail server, independently of ALE Connect. This solution offers several advantages: when one of the recipients leaves the company, you do not need to change the programmings one by one, for each report affected. Simply update the mailing list. In addition, the number of recipients is no longer limited.

10.2.3 Folders

I cannot find a folder after a search.
Various reasons may explain this fact:

You have selected the wrong desktop. Make sure that the selected desktop is the one where the search must be performed.

The folder is no longer visible. You can no longer find the folder via the desktops, because of its characteristics: you do not have the rights to this folder, it is waiting to be validated, it has been merged, etc. We then advise to go through the contact sheet: you will find there all his/her history of folders, whatever their status. Simply click the folder to view it.

The folder no longer exists. It was permanently deleted by a supervisor.

The folder has been merged with another one. To find it, perform a search in the notepad (Notes field) entering the folder reference. Indeed, ALE Connect systematically adds a comment in the notepad of folders following a merge.

You have activated the Filtered display mode. This interface option only displays the folders that are assigned to the logged in agent, or unassigned. Folders assigned to other agents are hidden. Return to the List mode, to display all in progress or processed folders (depending on the case).

You have selected the wrong search field (message, subject, etc.). Check that the selected criterion (In field) matches the content in which you wanted to search. If it is wrong, select another criterion from the scrolling list.

There are too many results and they cannot be displayed. By default, ALE Connect restricts the display to the first 10,000 folders found, for performance reasons. When the number of results exceeds this limit, no results are displayed. It is therefore advised to refine the search, by specifying other criteria.

The indexing of the folders has not yet been updated. There is a time period between the last action performed on a folder and the update of the search index. Indeed, it is refreshed every 15 minutes. Wait a few minutes before restarting the search, or change your criteria.

I do not view the folders sent for validation by the agents.
This is because you are not declared as supervisor of the agents affected. Ask an authorised coordinator to check the parameters of your user sheet, from the administration interface: the group of supervised agents must be selected in the corresponding tab. If you are authorised, you can perform this control yourself.

Remember that these folders are stored in a separate desktop Validation, accessible from the taskbar on the left of your screen.

I need to export the email addresses from a selection of folders, for marketing purposes / integration into our CRM system.
Only a supervisor can export, from the agent interface, a list of email addresses matching a selection of folders. Start by selecting a desktop, then perform a search by targeting the folders you want to export. Click the Export button. The email addresses are exported in a file in .csv format.

What is the difference between closing and archiving a folder?
These two actions move the folder in the Processed desktop, with the Closed or Archived status respectively. The Close action closes the folder by generating a new exchange, visible in the history of exchanges of the folder. The Archive action also closes the folder without any particular action.

The major difference between these two actions concerns the statistics: when you close a folder with the Close action, the folder is taken into account in the calculation of the Quality of Service. But this is NOT the case if you archive it.

10.2.4 Email

The volume of emails to be processed is unusually low compared to the usual activity. What is happening?
If the volume is lower than usual (but not null), there may be several reasons:

There is an incident on the mail server. Only an authorised system administrator can check this, diagnose and solve the issue.

The routing rules are inappropriate / have been modified. As a result, new interactions are misdirected to the different queues and skills in ALE Connect. That is why we recommend to create a "universal" user account belonging to a group with access to all queues, skills and languages. This user will thus be able to view the folders on his/her interface, then redirect them manually while waiting the parameters of routing rules be updated (performed by an authorised administrator or coordinator).

I wrote a draft response. Is it visible to other agents?
Yes, the draft is visible to all collaborators in the contact centre.

10.2.5 Chat

The widget is displayed too often: can it be made to display only when an agent is actually available?
Yes, you need to set up ALE Connect so that the software refuses to place web users in realtime queue when no agent is available to process the chat.

To do this, a coordinator must change the properties of the queue in which the chat conversations arrive: this is the Adjustment of the realtime queue size (% of the number of agents logged in x maximum number of conversations) parameter that sets up the number of web users placed in realtime queue, when all the agents authorised to process chat conversations have reached their maximum quota of authorised conversations. By defining a value equal to 0, no web user is placed in realtime queue and the widget is therefore not displayed.

Can a survey be triggered at the end of a chat?
Yes, it is possible technically (e.g. inserting a link to an external survey at the end of the conversation). To identify the most appropriate solution to your needs and context, we invite you to contact your customer support.

When chatting, is it possible to use autocomplete sentences to go faster?
Yes, it is possible to define response templates to the most frequently asked questions in the ALE Connect knowledge base (from the administration interface). Warning, they must have the Message type, otherwise they will not be usable during a chat. Only a coordinator or supervisor can perform this operation.

I want to use a response template that exists in our knowledge base, but it does not appear when I start typing my text.
This is because the type of this response is wrong: only message type responses can be used in chat conversations. Since this characteristic cannot be modified, a coordinator or supervisor must re-create this response template in the knowledge base from the administration interface, being careful to select the Create message option.

How to set up a chat service opening calendar?
From the administration interface, a coordinator must create the tenant’s calendar. It details the time slots (opening and closing hours) of the teams handling chat conversations. Outside the working hours set up by the calendar, this service will not be available.