

**Agnet MCx
Release note**

**Agnet SaaS
MCx Core 4.0.182**

Airbus Defence and Space Customers



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Release and version

This release note describes backend release containing the following components:

- Backend core
- Agnet Dispatcher
- Platform API
- Organization Admin
- Audit server
- Mobile

Backend software component release for the solution

Version 4.0.182

Supported browsers

The following web browsers have been used in release validation. Customers should use these versions or the latest version.

Supported Browser	Minimum Version
Google Chrome	133.0.6943.141
Firefox	135.0.1
Microsoft Edge	128.0.2739.54

Supported languages

- Arabic
- Czech
- French
- English
- German
- Hungarian
- Italian
- Korean
- Portuguese
- Slovak
- Spanish
- Traditional Chinese

New features and improvements

New features and improvements added **since the previous Agnet SaaS version 2.4.1.114 in October 2024**. List showed per components.

1.1 Backend Core

1.1.1 Remotely deleting messages for all recipients

Improve message management with the ability for senders to remotely delete messages that were sent by mistake.

1.1.2 Automatic deletion of attachments with specific retention period

Manage storage efficiently with automatic deletion of attachments. Set specific retention periods for photos and videos, ensuring they are automatically deleted after the designated time.

1.1.3 Forwarding of message/attachment to an existing group conversation

This feature adds the possibility to forward messages/attachments to existing group conversations instead of creating new conversations with the same users.

1.1.4 Lifeguard alarm sets device sound volume to maximum

A new parameter in client.json enables the device to set the sound volume to maximum when the lifeguard alarm is triggered.

1.1.5 Identify talk groups as favorite

This feature allows users to favorite talk groups, which will then be displayed at the top of the communication list.

1.1.6 Lifeguard alert PRE-ALERT sound can be forced to maximum volume per platform

This feature allows the user to configure the pre-warning sound to play at maximum volume before the actual alarm is triggered.

1.2 Agnet Dispatcher

1.2.1 High speed tracking activation from the Dispatcher

The dispatcher can now enable high-speed tracking for individual users, providing greater flexibility and precision in monitoring, which was previously only possible at the organization level.

1.2.2 Dispatcher can create and modify groups

Super Admins can now grant dispatchers the permission to create and modify groups.

1.2.3 Dispatcher can select and transmit multiple talk groups

Authorized dispatcher users can now choose up to 10 talk groups and communicate with all of them with a single PTT press.

1.2.4 Dispatcher audio configuration

This feature introduces an audio configuration menu for Dispatchers, allowing users to select their preferred audio input and output devices.

1.2.5 Dispatcher shortcut keys for PTT, pickup/hang-up/reject an Agnet call

This feature introduces additional keyboard shortcuts for Dispatchers to quickly perform PTT actions, as well as pick up, hang up, or reject Agnet calls.

1.2.6 Specific max burst duration for the dispatcher

This feature enables setting separate max burst duration for the dispatcher, previously it was the same values for all users (mobile & dispatcher).

1.2.7 Geolocation view to show users only on the selected zone

Avoid loading large amounts of data when landing on the geolocation view by only showing users in a selected zone.

1.3 Platform API

1.3.1 Two-factor authentication (2FA)

This feature introduces two-factor authentication for agnet accounts. Agnet accounts administrators can configure a system to enforce one-time password (OTP) authentication for each organization separately, or end users can opt in and enable the feature for themselves.

1.3.2 Traffic rate limiting

This allows administrators to manage excessive traffic from specific users or organizations. This helps manage access and ensures the solution remains available and responsive for all users.

1.3.3 Secure webhooks

Secure webhooks provide data protection through authentication, data integrity checks, application checks, application-level encryption and mandatory HTTPS transport while also maintaining compatibility with existing non-secure webhooks.

1.3.4 Keycloak multi-realm

This feature allows the creation of separate, isolated authentication spaces called realms. Each realm is dedicated and independently manages and authenticates only the users assigned to it, providing strong separation between different sets of users or applications.

1.4 Organization Admin

1.4.1 Organization admin can bulk edit user information

This feature enables Organization Admins to bulk edit user information, allowing the update of multiple user profiles simultaneously.

1.4.2 ON/OFF Connected Status

When the status is set as Inactive by the Web Admin, then the user will not see either the "Status" option on Mobile (on / off duty) nor for his contacts.

1.4.3 Department notifications only shown per department

Department or sub-department admins will only receive notifications for actions related to users within their specific department or sub-department (and not under the whole organization anymore).

1.4.4 Organization and department statistics for their admins

This feature enables Organization and Department administrators to view detailed statistics on Agnet usage in their organization.

1.4.5 Lone worker profile default values per profile

Enhance user profile management by allowing administrators to set Lone Worker Profile (LWP) default status directly within the user profile, eliminating the need to navigate through settings. Additionally, administrators can now control whether users can deactivate these values.

1.4.5 Outgoing Call barring on clients

Administrators have now the option to block outgoing calls to specific numbers.

1.5 Audit Server

1.5.1 Advanced Audit server configuration per group or some users

This feature allows administrators to enable advanced mode for audit server configuration, enabling audit recording for specific users or groups.

1.5.2 Integrated audio player on audit server

The audit server now includes an integrated audio player, allowing administrators to play audio files directly from the server's UI without needing to download them to a local PC.

1.5.3 Audit server page loading performance improvement

This feature significantly improves the loading speed of audit server records, especially when dealing with a large number of entries.

1.6 Mobile

1.6.1 Show contacts from external mobile device directories on Agnet mobile client contacts list

When call-out via PBX or cellular is enabled for a user, a new 'Directory' tab will be added to the Agnet mobile client contacts list. This allows users to view and search contacts from external device directories.

1.6.2 Possibility to view geolocation attachment directly in Agnet mobile

This feature enables opening a geolocation attachment directly into Agnet, in an integrated view. Users still have the possibility to open it in an external navigation application.

Security patches

Last security patches made with intermediate updates since **last update**.

- Software with known vulnerabilities
- Cross-Site Scripting (XSS) injection
- User group created by dispatcher can have higher priority level than the max priority defined in SuperAdmin
- HTTP Methods Interchangeable
- Client-side file upload validation
- Verbose error messages
- HTML injection
- Insecure cookie flags

Corrections

Last corrections made with intermediate updates since **last update**.

- Admin cannot clear the operational status database
- Bad name of conversation on callee side
- Tracking several individual contacts only shows location for one tracked contact
- Dispatcher can't open the dropdown menu during a PTT call to add people to call
- Automatic floor control in EMG PTT-call is terminated when another user with lower priority presses PTT-button
- Alias of talker not updated when user has modified it
- Names of the users from different inter-as organizations are in the wrong format when they are flooring

Support & feedbacks

Requesting assistance to our support team can be done using unique email address:

AGNET.SUPPORT@AIRBUS.COM

Or via the ticketing tool.