UCM Series IP PBX Firmware Release Notes

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FIRMWARE VERSION 1.0.35.12

PRODUCT NAME

UCM6301, UCM6302, UCM6304, UCM6308, UCM6300A, UCM6302A, UCM6304A, UCM6308A

BTLRVER=1.0.35.12; COREVER=1.0.35.12; BASEVER=1.0.35.12; RCVRVER=1.0.35.12;
PROGVER=1.0.35.12; LANGVER=1.0.35.12; WAVEVER=1.0.35.8

DATE

Published: 11/06/2026

FIRMWARE FILE INFORMATION

- UCM6301/6302 firmware file name: ucm6301_ucm6302fw.bin
  MD5: 9ea2cf0cb2d742c6829d1943a1dde161
- UCM6304/6308 firmware file name: ucm6304_ucm6308fw.bin
  MD5: 0222e01c9d71b3cdac941288f5c86ac7
- UCM6300A/6302A firmware file name: ucm6300A_ucm6302Afw.bin
  MD5: 2505f69c26ef25b678ceb0bf3a0b50ba
- UCM6304A firmware file name: ucm6304Afw.bin
  MD5: 052fba32f584d52c9c1f9c8fb1d8fb26
- UCM6304/6308 firmware file name: ucm6308Afw.bin
  MD5: 0ef1fc2a0b971f312eee196afb9c8c82

IMPORTANT UPGRADING NOTE

- **WARNING: BEFORE UPGRADING TO 1.0.27.10 OR HIGHER, PLEASE MAKE A FULL BACKUP. DUE TO THE SUPPORT OF ENCRYPTION IN 1.0.27.10 AND HIGHER, DOWNGRADING TO 1.0.25.9 OR LOWER WILL REQUIRE A FACTORY RESET.**
- **ALWAYS create a backup of your configuration and data before a firmware upgrade.**
- **After upgrading to 1.0.2.18 or higher, you will no longer be able to downgrade to 1.0.2.17 or lower.**
- **If the device is on a firmware version lower than 1.0.2.15, please upgrade to 1.0.2.15/16/17 first before upgrading further.**
  - **UCM6301/2:** http://firmware.grandstream.com/Release_UCM6301_6302_1.0.2.17.zip
  - **UCM6304/8:** http://firmware.grandstream.com/Release_UCM6304_6308_1.0.2.17.zip
- **If the device is on firmware version 1.0.7.x or lower, please upgrade to 1.0.9.x first before upgrading to the latest firmware.**
  - **UCM6301/2:** http://firmware.grandstream.com/Release_UCM6301_6302_1.0.9.10.zip
  - **UCM6304/8:** http://firmware.grandstream.com/Release_UCM6304_6308_1.0.9.10.zip
  - **UCM6300A/6302A:** http://firmware.grandstream.com/Release_UCM6300A_6302A_1.0.9.10.zip
  - **UCM6304A:** http://firmware.grandstream.com/Release_UCM6304A_1.0.9.10.zip
  - **UCM6308A:** http://firmware.grandstream.com/Release_UCM6308A_1.0.9.10.zip
- **It is recommended to upgrade UCM to latest firmware for improved product lifespan and security.**

CHANGES SINCE FIRMWARE VERSION 1.0.35.8

BUG FIXES

- **[Security]**
  - Fixed security vulnerabilities: CVE-2026-98432 / CVE-2026-111497 / CVE-2026-114820

FIRMWARE VERSION 1.0.35.8

PRODUCT NAME

UCM6301, UCM6302, UCM6304, UCM6308, UCM6300A, UCM6302A, UCM6304A, UCM6308A

BTLRVER=1.0.35.8; COREVER=1.0.35.8; BASEVER=1.0.35.8; RCVRVER=1.0.35.8;
PROGVER=1.0.35.8; LANGVER=1.0.35.8; WAVEVER=1.0.35.7

DATE

Published: 9/21/2026

FIRMWARE FILE INFORMATION

- UCM6301/6302 firmware file name: ucm6301_ucm6302fw.bin
  MD5: 0ee7e8579489b67c07e9cfa90ffd09f4
- UCM6304/6308 firmware file name: ucm6304_ucm6308fw.bin
  MD5: d9ab1de45b79e909ebeb87740d450c8d
- UCM6300A/6302A firmware file name: ucm6300A_ucm6302Afw.bin
  MD5: 1432edee45eca708eb72232fab787cff
- UCM6304A firmware file name: ucm6304Afw.bin
  MD5: 37e7c8e093615d6be152ea66ecbed570
- UCM6304/6308 firmware file name: ucm6308Afw.bin
  MD5: 5dbea8c6af0cab3f570a56892c427313

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  - **UCM6304A:** http://firmware.grandstream.com/Release_UCM6304A_1.0.9.10.zip
  - **UCM6308A:** http://firmware.grandstream.com/Release_UCM6308A_1.0.9.10.zip
- **It is recommended to upgrade UCM to latest firmware for improved product lifespan and security.**

CHANGES SINCE FIRMWARE VERSION 1.0.33.42

ENHANCEMENTS

- **[BETA] [AI]**
  - Note: GS AI Beta signups are currently closed.
  - Added new ***AI Recording Transcription and Summary*** section to the AI Settings→Voice Transcription page. If enabled, users will be able to transcribe and summarize call and meeting recordings. Note: Stereo recordings are not supported.
  - Added new ***AI Translation*** tab. If enabled, transcriptions of calls and meetings will be translated in real-time.
  - Added new ***Voice Assistant*** tab. If enabled, GS AI-supported endpoints and Wave will have access to a voice assistant that can do the following:
    - Start calls and meetings.
    - Convert existing calls to conferences.
    - Send SIP instant messages.
    - Set timers
    - Do calculations and unit conversions (e.g., Fahrenheit to Celsius)
- **[Calling]**
  - Cisco phones can now create 3-way conference calls from regular calls, muting self in meetings, using # key to dial, and kicking meeting participants.
- **[Call Flow Design]**
  - Added new Call Flow Design feature, a visual approach to setting up and reviewing routing on the UCM. [CALL FLOW DESIGN]
- **[CDR]**
  - Added support for regularly exporting CDR (Automatic Download) to Google Docs. Google Workspace configuration required.
  - Added the ***Call Note*** feature, which allows users to add notes and tags directly to CDR logs and filter CDR by them. The corresponding User Portal/Wave Privilege has also been added. To see these tags on Wave, Wave version 35.x or higher is required.
- **[CRM]**
  - Improved CRM web page.
  - Added support for custom CRM templates, allowing the UCM to connect to CRMs that do not require proprietary protocols for communication. [CUSTOM CRM TEMPLATES & INTEGRATION]
- **[Email Settings]**
  - Added support for different languages for email notifications. Supported languages are the same as the UCM's supported system display languages.
  - Added ***Notify Admin of Fax Failure*** field option where users can configure an email address to send fax failure notifications to.
- **[Extension]**
  - Added Google Calendar user status syncing support. To configure this, go to the *Edit Extension→Call Policy page* and toggle on the ***Enable Calendar Sync*** option. Google Calendar user status will overwrite the manually configured extension presence status. Google Workspace configuration required.
- **[HTTPS API]**
  - Added new request *getPMSRoom* to retrieve the information of a specified room. Please see the IPPBX HTTPS API Guide.
- **[IM Settings]**
  - Added ***Message Edit/Delete Period*** option to the IM settings page, allowing users to set a duration of time where messages can still be edited/deleted after being sent. Once past this time, sent messages will no longer be editable/deletable.

- **[Integrations]**
  - Users can now set Google Workspace user scopes to either specified organizations or groups.
  - Added SAML 2.0 SSO support under the *Integrations→Collaborative Office Integration* page. For details on configuration, see our SAML SSO Configuration Guide.
- **[IVR]**
  - Added the *End Key* section to the Key Pressing Events page, where users can toggle the use of a key press end key, which can be either the # or * key.
- **[Meetings]**
  - Added new option ***Use Station ID as Prefix*** to the global Meeting Settings page. If enabled, the Station ID configured under *PBX Settings→General Settings* will be prepended to the meeting room number.

- **[PBX Settings]**
  - Added ***Station ID*** field, which assigns the UCM a unique ID number. This station ID can be used as a prefix for the randomized meeting room numbers for scheduled meetings to allow external participants (e.g., extensions from a peered UCM) to directly dial into the meeting (appropriate trunks and routing settings must still be configured). The global meeting setting ***Use Station ID as Prefix*** must be enabled to prepend this station ID to the meeting room number.
  - ***Enterprise Contact Number*** field has been moved from *System Settings→General Settings* to *PBX Settings→General Settings*.
- **[Queue]**
  - Added Queue Board tab to the Call Queue page. [QUEUE BOARD]
  - Added ***Transfer Call Based on Time Conditions*** section under the Basic Settings page. Users can configure alternative destinations for calls that come in during holidays and after-hours and select which destination to send calls to if it is both.
  - Queue Switchboard has been replaced by the ***Queue Operation Panel***.
  - Added ***Queue Permissions*** tab to the Edit Queue page, allowing users to customize the permissions of queue chairmen and agents.
  - Added ***Auto-fill Callback Number*** option to the Advanced Settings page to allow the system to automatically use the caller number as the virtual queue callback number.
  - Added ***Skip Busy Agent*** option to the Advanced Settings page to allow users to toggle whether queue agents in active calls will still be assigned incoming queue calls
  - Added ***Priority Queue*** option to the Advanced Settings page. Relevant for when agents are assigned to multiple queues. This option allows users to assign each queue a weight, and calls to queues with larger weight will have higher priority over those with lower weight when distributing calls to multi-queue agents.
    - For dynamic weighting that takes caller wait time into consideration, users can enable and configure ***Accelerated Weighting***, which adds 1 weight per specified amount of seconds.
    - Note: Queues that do not have Priority Queue enabled will automatically be given the lowest weight.
- **[Routing]**
  - Inbound route > inbound modes can now be named and assigned audio prompts under the *Set Global Inbound Mode* page.
  - Added support for Diversion ID manipulation on the *Edit Outbound Route* page
  - Added new ***Play Holiday Prompt During Holiday*** to the Edit Inbound Route page that, if enabled, would play the prompt uploaded for this holiday configured under th e
-
- **[SIP Settings]**
  - Added ***Allow Early Blind Transfer*** option, which allows callers to perform blind transfers while the original callee is still ringing. Requires GRP2615 on 1.0.15.8+ firmware.
- **[SMS]**
  - Added VoiceMeUp and Voxtelesys as supported SMS carriers.

- **[Storage Device Management]**
  - Added support for SMBv3
- **[Time Settings]**
  - Users can now assign custom prompts to holidays, which, on those days, would play to callers if the *Edit Inbound Route*→***Play Holiday Prompt During Holiday*** option is enabled.
- **[User Management]**
  - Added User Portal/Wave Privilege option ***Change Email Address***.
  - Added MFA support for user portal login and Wave.
  - Added custom privilege options for PMS Basic Settings and PMS Minibar.
- **[VoIP Trunks]**
  - Added a *DOD* option under the Edit SIP Trunk page→Keep Original CID configuration that, if enabled, would allow outgoing transfers and call forwards to use the transferring extension's associated DOD instead of the caller's original CID. If no DOD is associated with the transferring extension, the original CID would be used as usual.
- **[WhatsApp Trunks]**
  - Added support for receiving calls to a WhatsApp Business phone number. For details, please see our WhatsApp Trunk Configuration Guide.
- **[Web]**
  - User Portal interface now supports AI voicemail transcription.
  - User Portal's Call Queue switchboard interface has been replaced by the Queue Operation Panel.
  - User Portal Call Queue page now includes the new ***Queue Board*** feature tab and queue-specific CDR tab.
- **[Zero Config]**
  - Added support for the following AVAYA endpoints:
    - E129
    - J129 / 139 / 159 /179
  - Added support for Cisco CP-3905 endpoints.
  - Added support for configuring Cisco endpoint dial plans and option for using # key to dial.
  - Improved support for Grandstream gateway devices such as HT and GXW series.
  - Added support for upgrading multiple devices at once via locally stored firmware files.

BUG FIXES

- **[System]**
  - Fixed several stability issues.
- **[CDR]**
  - Fixed an issue where users could not see the Wave call history after restoring a backup from an older firmware version.
  - Fixed an issue where calls were incorrectly marked as failed or missed if callers enter an invalid DTMF even if the call ultimately connects successfully.
  - Fixed an issue with missing call recordings in GDMS cloud storage.
  - Fixed an issue where calls that are barged into are marked as missed.
  - Fixed an issue with randomly being unable to play recordings in certain cases.
  - Fixed a display issue where semi-attended transfers from internal numbers to external numbers would show the trunk username in the "To" field instead of the actual callee number.
- **[Extension]**
  - Fixed an issue with Ring Simultaneously not working when configured with an external number that would be routed out of a SIP trunk in certain cases.
- **[HA]**
  - Fixed an issue with Zero Config not provisioning endpoints with the cluster IP.
- **[IVR]**
  - Fixed an issue with sending duplicate webhook notifications.

- **[Scheduled Call]**
  - Fixed an issue with scheduled calls not working properly after a system reboot.
- **[VoIP Trunks]**
  - Fixed an issue where when receiving peer trunk calls, the SIP UPDATE sent from UCM to the final endpoint would not have the caller name in the RPID header.
- **[Web]**
  - Fixed an issue with screen readers not being able to properly interpret the UCM web UI contents.
- **[Zero Config]**
  - Fixed an issue where the p-value P8036 does not apply properly.
  - Fixed an issue where provisioning SIP accounts to GXW42xxx V2 FXS ports does not automatically enable them.
  - Fixed an issue with provisioning phones connected via Wi-Fi.

NEW LIMITATIONS

- **[Extensions]** Name fields now support the single quote (‘) character.
- **[Music on Hold]** The max number of MoH playlists has been updated to 50.

NEW FEATURES OVERVIEW

This section describes the major new features/changes introduced in the update and provides instructions for usage.

CALL FLOW DESIGN

As an alternative to clicking and navigating through multiple menus and pages to set up and/or review routing, users can now create call flow trees that provide a visual map of how calls will be processed when coming into the UCM. These visualized call flows are interactive. Users can drag and drop call flow components, zoom in and out of the call flow tree, and even change the orientation of the tree. To get started, go to the *Advanced Call Features→Call Flow Design* page.

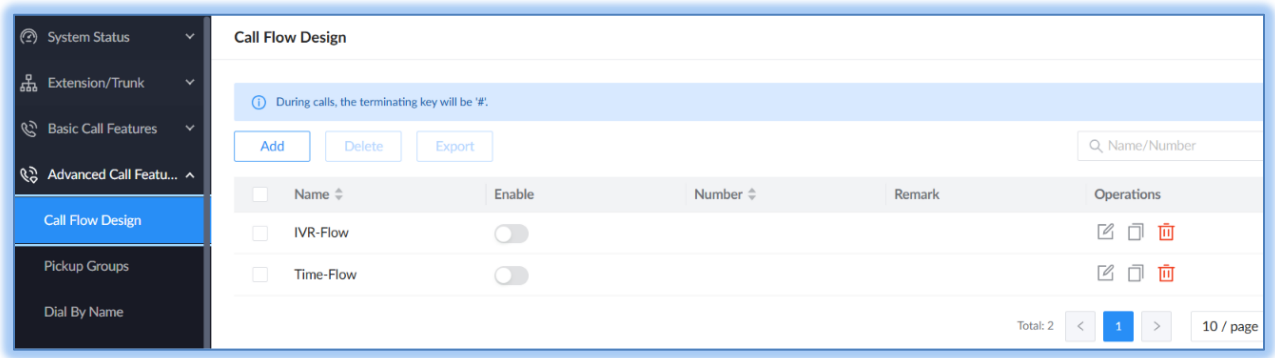


Figure 1 - Call Flow Design

When creating or editing a call flow, a dedicated tab will be created.

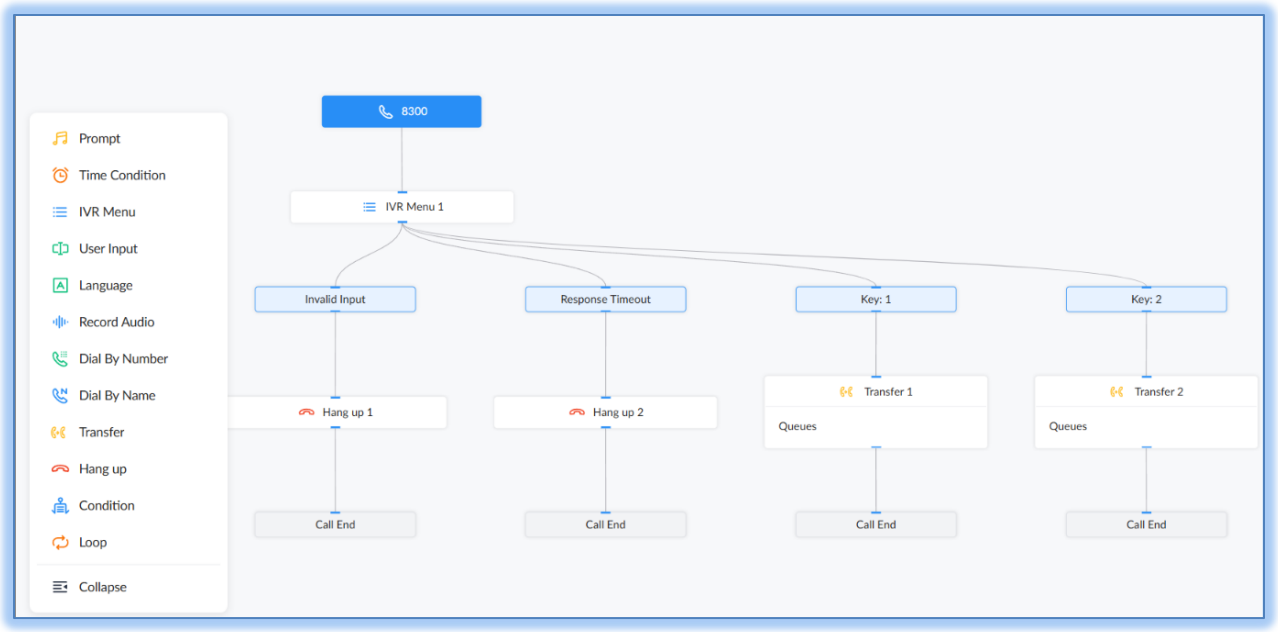


Figure 2 - Call Flow Sample

On this page, users can see the call flow tree and its branches. Call flows must be assigned an extension number as a way of identification within the system. If extension ranges are configured, call flows will use 8300-8499 by default. For details on how to configure call flows, please see our Call Flow Design Configuration Guide.

Note 1: UCM currently cannot import existing routing to call flow maps.

Note 2: Users will still need to configure inbound routes to direct calls to call flows.

CUSTOM CRM TEMPLATES & INTEGRATION

Users can now connect to CRMs that do not use proprietary protocols and standards via custom CRM templates. To get started, go to the newly updated *Integrations→CRM* page.

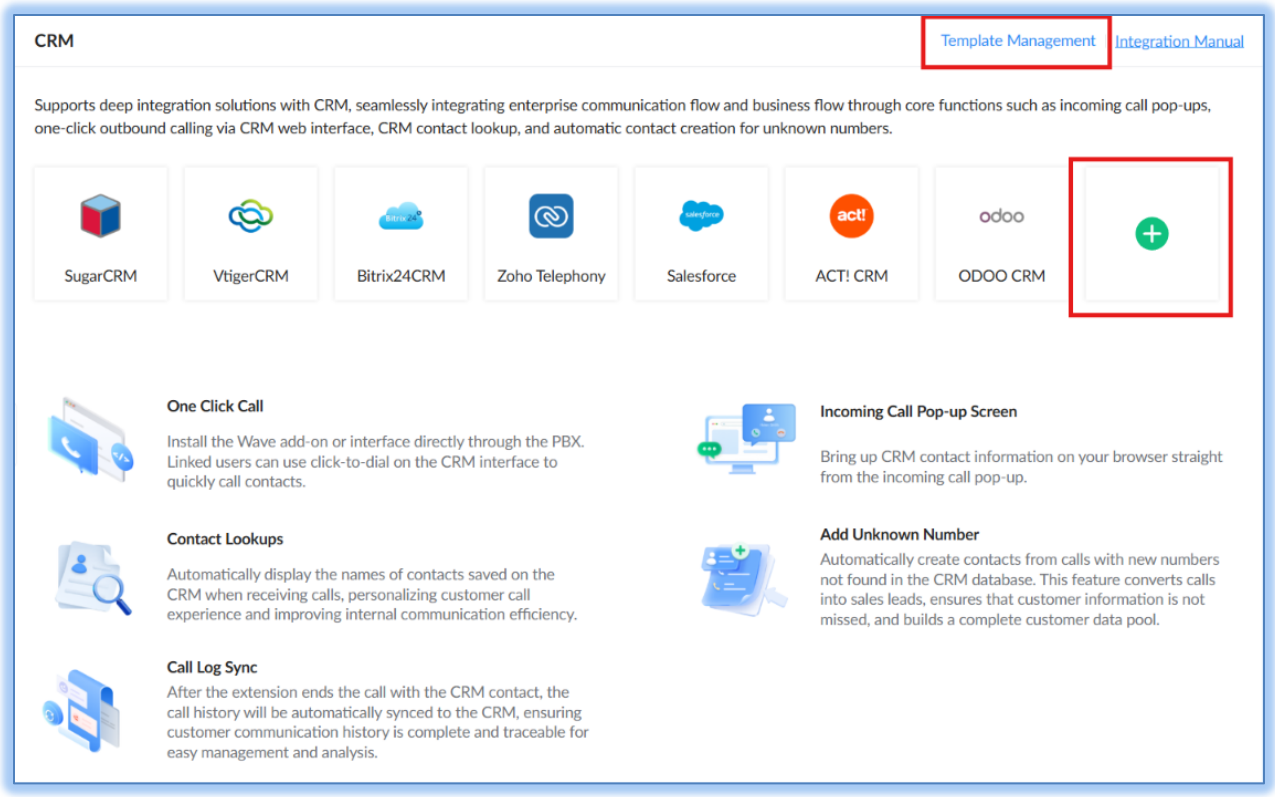


Figure 3 – CRM

From there, click on either the *Template Management* link or plus button on the top right corner of the page. Template Management leads to the *Default Template* page, where users can view and download the templates used by existing CRM integrations. These templates can be used as a base if the custom CRM is similar to existing ones.

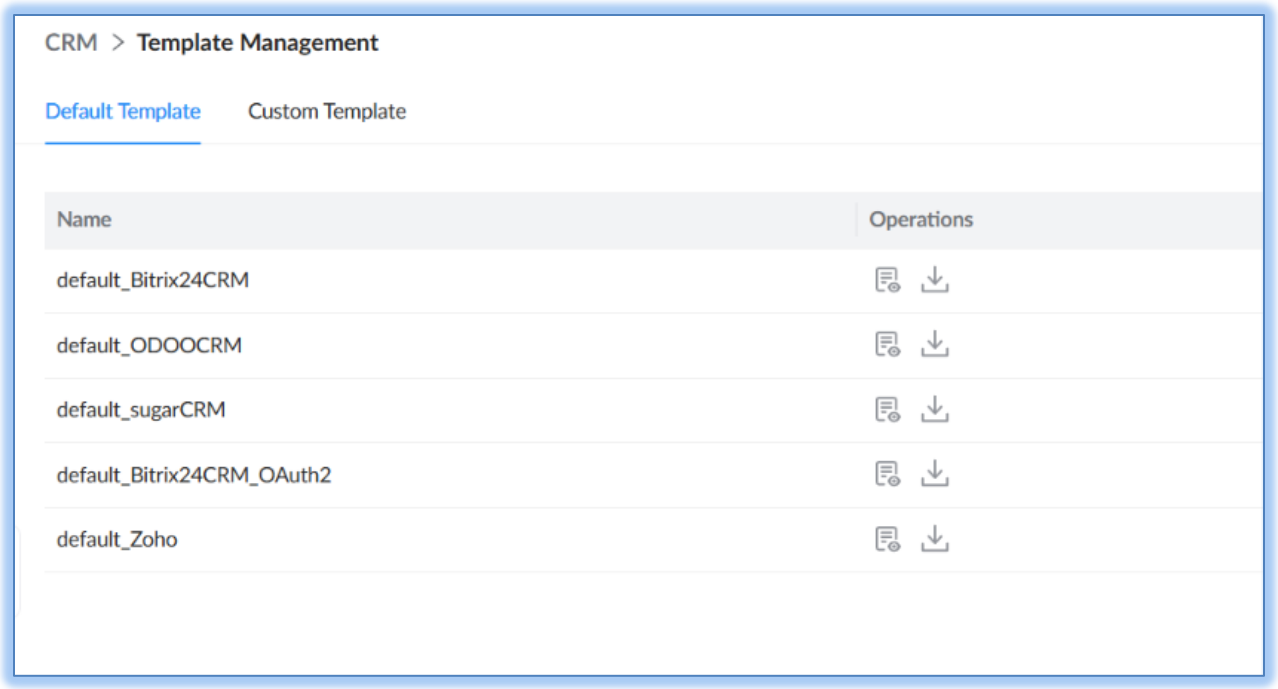


Figure 4 - Default CRM Templates

Clicking on the plus button will directly direct to the *Custom Template* page, where users can create templates to connect to and communicate with the CRM.

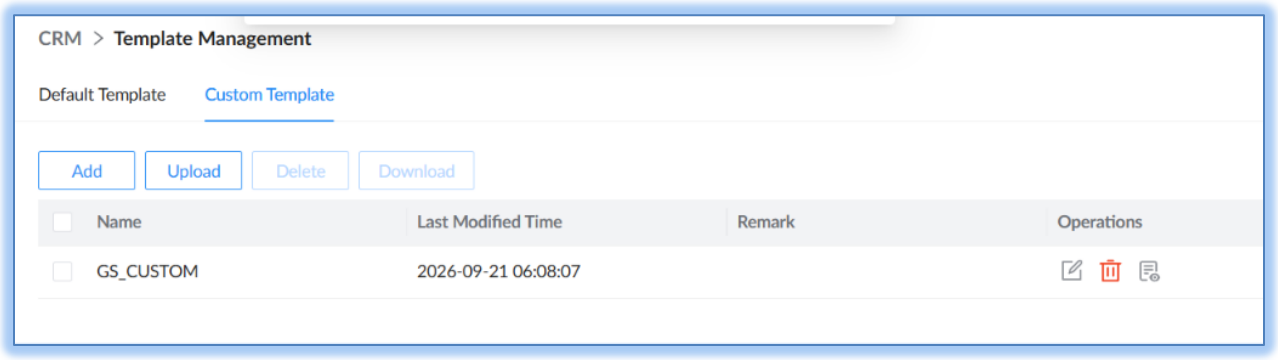


Figure 5 - Custom CRM Templates

From here, users can create, delete, upload, and download custom templates.

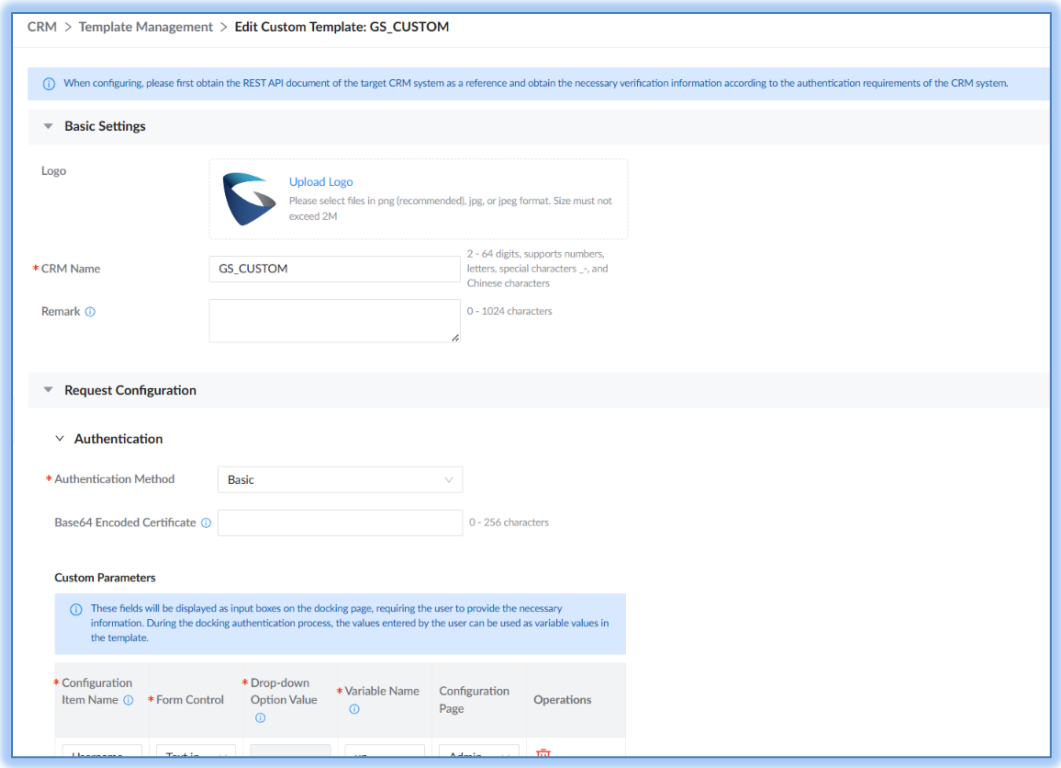


Figure 6 - Custom CRM Template Basic Settings

When creating a template, users can configure the following:

- Custom logo
- CRM name
- Authentication request
- HTTP request header fields
- Follow-up requests
- Contact lookup
- Contact field mapping
- Add unknown numbers requests
- Call log syncing requests

For more details, please see our CRM Custom Template Configuration Guide.

QUEUE BOARD

UCM63xx 1.0.33.8 introduces the Queue Board, a dashboard interface providing a comprehensive call queue overview and management experience. This page is divided into 3 tabs: Queue Call Metrics, Queue Performance Metrics, and Queue Agent Status.

QUEUE CALL METRICS

The Queue Board provides an overview of assigned queues' real-time queue statistics, performance metrics, and current agent status. This page can be detached into its own dedicated window.

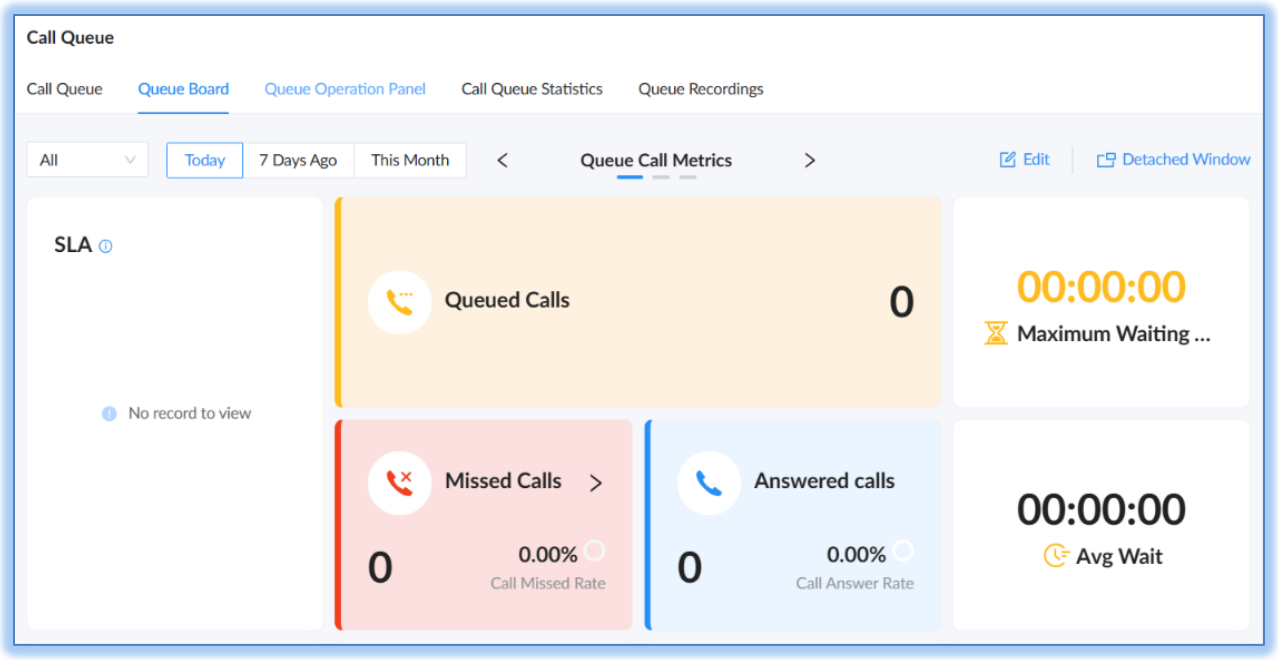


Figure 7 - Call Metrics 1

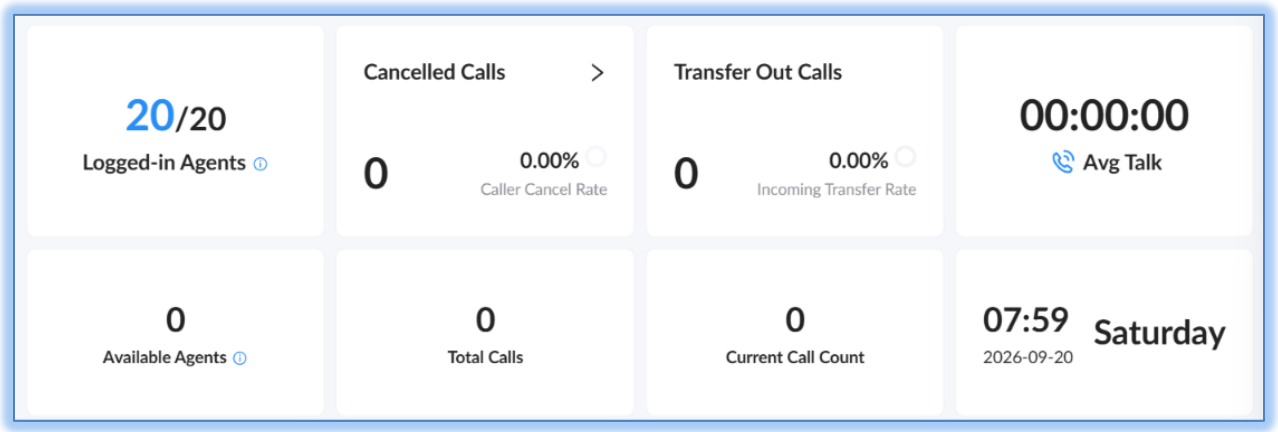


Figure 8 - Call Metrics 2

Users can customize the *Queue Call Metrics* page's panels according to their own preferences. The following panels are available:

- Current Date & Time
- SLA
- Total Calls
- Current Call Count
- Queue Calls
- Missed Calls
- Cancelled Calls
- Transfer Out Calls

- Maximum Waiting Time
- Average [Call] Wait Time
- Average Talk Time
- Logged-in Agents
- Available Agents
- Callback Overview

QUEUE PERFORMANCE METRICS

This page shows graphs for the queues with the highest average wait time, call cancel rate, and answered call count.

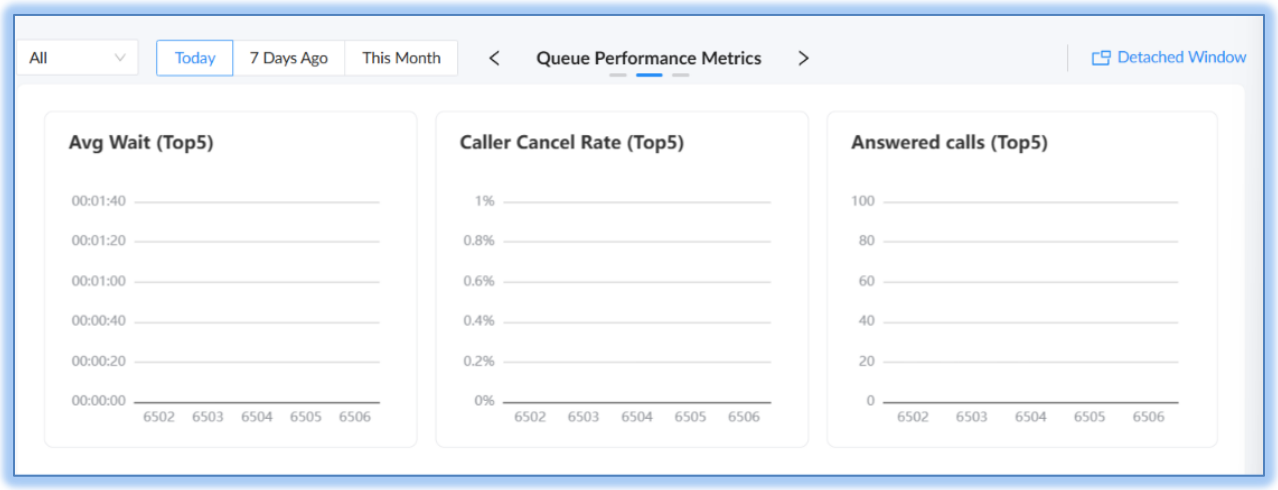
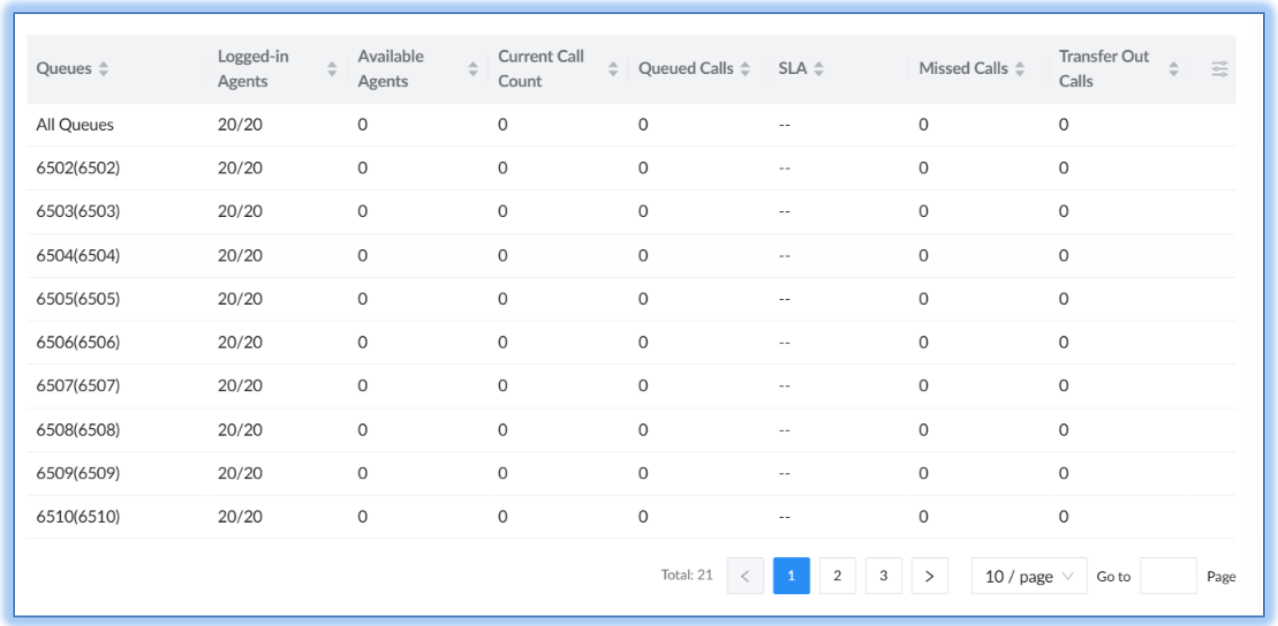


Figure 9 - Performance Metrics Graphs

Below the graphs will be a table containing metrics from every queue.



Queues	Logged-in Agents	Available Agents	Current Call Count	Queued Calls	SLA	Missed Calls	Transfer Out Calls
All Queues	20/20	0	0	0	--	0	0
6502(6502)	20/20	0	0	0	--	0	0
6503(6503)	20/20	0	0	0	--	0	0
6504(6504)	20/20	0	0	0	--	0	0
6505(6505)	20/20	0	0	0	--	0	0
6506(6506)	20/20	0	0	0	--	0	0
6507(6507)	20/20	0	0	0	--	0	0
6508(6508)	20/20	0	0	0	--	0	0
6509(6509)	20/20	0	0	0	--	0	0
6510(6510)	20/20	0	0	0	--	0	0

Figure 10 - Performance Metrics Table

QUEUE AGENT STATUS

This page shows the login status and basic performance metrics of every agent.

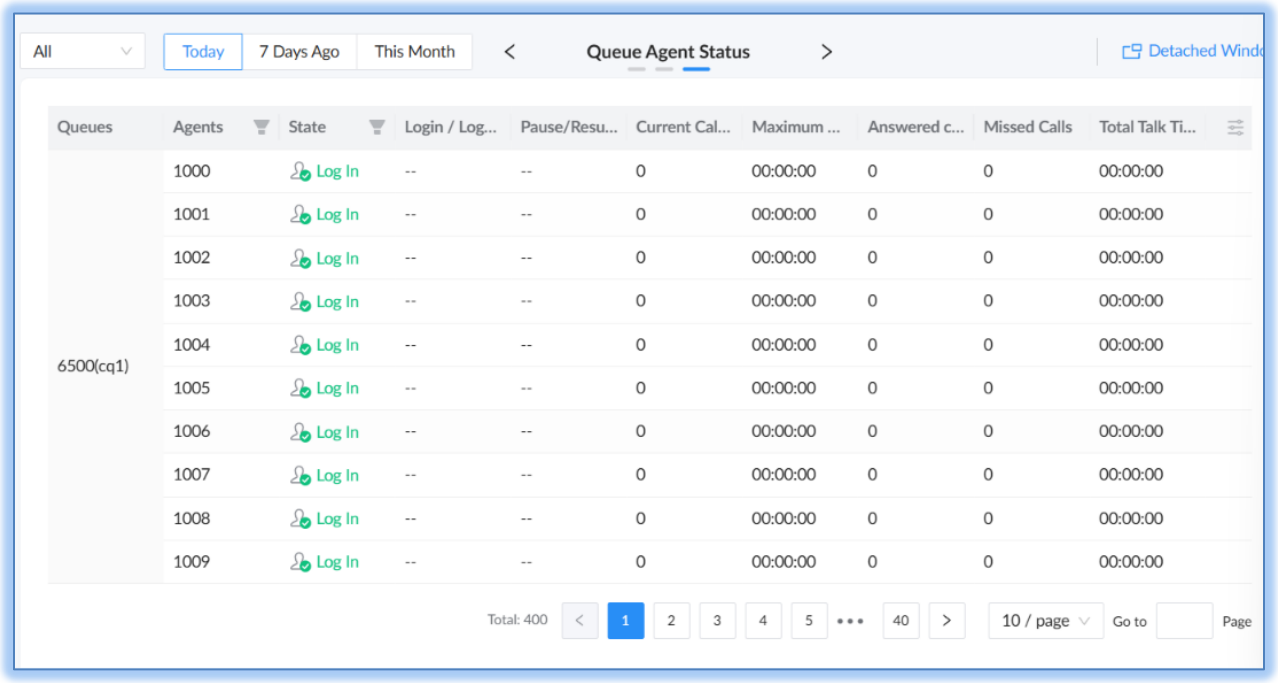


Figure 11 - Agent Status

Users can filter the queues they want to see agent data for by clicking on the top left dropdown list and selecting their desired queue.