

Wave Desktop Application Release Notes

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WAVE DESKTOP VERSION 1.29.11

PRODUCT NAME

Wave Desktop Application

DATE

08/21/2025

IMPORTANT NOTE

 Wave Desktop is available for Windows and macOS. Users can download the latest version from here: https://fw.gdms.cloud/wave/download/

CHANGES SINCE VERSION 1.27.11

ENHANCEMENTS

- [Management Portal] Added a new tab "Chatbot" in Wave Management Portal. [CHATBOT]
- [Management Portal] Added to allow configuring Live Chat in Wave Management Portal. [LIVE CHAT CONFIGURATIONS]
- [Management Portal] Added to allow adding visitors from Live Chat or WhatsApp to Personal Contact.

 [ADD VISITORS TO PERSONAL CONTACT]
- [Management Portal] Added to allow configuring WhatsApp for multiple extension users in Wave Management Portal. [WHATSAPP CONFIGURATIONS]
- [General] Added to support multi-factor authentication for login. [SUPPORTED MFA]
- **[General]** Added the dark theme in the Wave app.
- **[Meeting]** Added some improvements in the meeting room. [MEETING ROOM IMPROVEMENTS]
- **[General]** Added some new options on the Settings page. [NEW OPTIONS IN SETTINGS]
- [Chat] Added to support personal chat link feature and allow users to customize related configurations. [PERSONAL CHAT LINK]
- [Chat] Added some improvements in the chat window. [CHAT IMPROVEMENTS]
- **[General]** Some other improvements in the Wave Desktop application. [OTHER IMPROVEMENTS]

BUG FIXES

- [General]
 - Fixed an issue with the close/minimize/full screen buttons on the window disappear after not focusing on Wave.
 - Fixed an issue with the status of the extension in the busy light detection is incorrect after disconnecting and reconnecting to the server.



- Fixed an issue with the login process displays a blank interface before logging in to the Wave app.
- Fixed an issue with it displays a blank window when hovering the mouse over the Wave icon.
- Fixed an issue with the display of "Average First Response Time" in statistics is not visually
 appealing after switching to a specific language.
- Fixed an issue with some filtering items in the chat history did not display corresponding translations after switching languages.
- Fixed an issue with the display name (optional) prompt in the VPK input field in some specific languages is incomplete.
- Fixed an issue with there are some issues with the setting field for displaying the number of items per page.
- Fixed an issue with other popup windows shaking issue after clicking the "Remind Later" button.
- Fixed an issue with Wave Desktop automatic login results in a Captcha verification.

• [Call]

- Fixed an issue with the sharing ending prompt cannot be displayed when sharing the audio and closing the shared window.
- Fixed an issue with it still can hear the ringing tone after the popup window for the incoming call disappears in some case.
- Fixed an issue with call notification prompt is out of the screen frame and there is no option to answer the call.

[Meeting]

- Fixed an issue with the style of sharing toolbar is incorrect when switching to N-way conference during sharing screen.
- Fixed an issue with the meeting link transmitted by the system command is not a UCMRC link.
- Fixed an issue with sharing will be restarted after splitting the presentation screen, but the new sharing is not displayed in the presentation stream window.
- Fixed an issue with the shared audio prompt is incorrect when the microphone or speaker is not connected during the meeting.
- Fixed an issue with joining the meeting via trunk failed after calling to a meeting number.
- Fixed an issue with the system still in the sleep mode after joining the cross-domain meeting with the Wave Desktop client.
- Fixed an issue with the contact details prompt displays incorrectly when the first time viewing the details of an unauthorized contact during a meeting.

[CTI]

 Fixed an issue with CRM should not automatically create contacts when joining in to a meeting in CTI mode.



- Fixed an issue with there are some issues when joining meetings without a microphone in CTI mode.
- Fixed an issue with CTI shortcut entrance disappearing issue when binding a phone in a specific MacOS system.
- Fixed an issue with the call is canceled before the call is fully established and a call window is displayed after the call window disappears when the CTI account answers the call.
- Fixed an issue with two host roles are displayed after starting an instant meeting in CTI mode.
- Fixed an issue with the line bar is not expanded after clicking the multi-line bar to return to the call window if the user is already in a call and then joining a meeting in CTI mode.
- Fixed an issue with the call device popup window still can be displayed after closing the bound phone's popup window in CTI mode.
- Fixed an issue with there is no waiting tone when receiving a new call during a CTI call.
- Fixed an issue with the hang up button is displayed for the current line in the multi-line window in CTI mode.
- Fixed an issue with the phone is disconnected while the PC cannot detect it during a CTI call.
- Fixed an issue with the interface is abnormal when answering the call under abnormal network environment in CTI mode.
- Fixed an issue with it displays the call interface when reconnecting the phone after rejecting the call in CTI mode.
- Fixed an issue with the second call is transferred to a multi-party conference and the Wave conference interface is not displayed in the case of multi-line call in CTI mode.
- Fixed an issue with the PC does not display disconnection window directly after receiving an incoming call when the CTI mode of the phone is off.
- Fixed an issue with the Wave icon flashes when the phone answers an incoming call in CTI mode.
- Fixed an issue with there is no prompt when receiving an incoming call when the PC loses connection with the phone in CTI mode.

[Chat]

- Fixed an issue with the entrance is still displayed even if E2EE permission has been disabled and the chat can proceed normally, after logging in to the Wave account.
- Fixed an issue with displaying a blank screen firstly before displaying the image after flipping to a larger image in a chat.
- Fixed an issue with the option "Delete All Chats" should be displayed after right clicking on the conversation at the bottom of the chat list.

• [3rd Party Application]

 Fixed an issue with Telegram should be able to transfer sessions when WhatsApp cannot transfer sessions.



• [CloudIM]

Fixed an issue with the total number of newly added sessions has not been counted.

NEW FEATURES OVERVIEW

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

CHATBOT

On the management platform, a new "Chatbot" function has been added, allowing for the configuration of the automatic reply flow. A Chatbot can be configured for multiple channels, such as a certain Live Chat or WhatsApp, so that multiple channels can simultaneously use the automatic reply flow of a Chatbot.



Figure 1: Chatbot Interface

Add Chatbot:

 Enter the name, description, and channel of the Chatbot (select the Live Chat or WhatsApp created by this UCM).



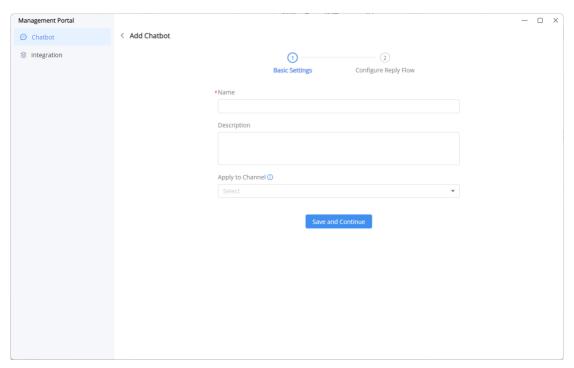


Figure 2: Add Chatbot

2. Configure the default reply flow of this Chatbot:

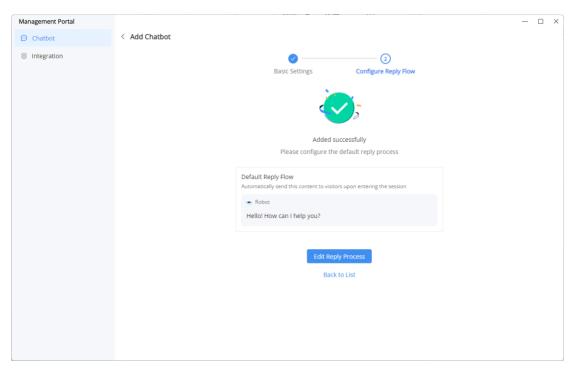


Figure 3: Configure Default Reply Flow - I



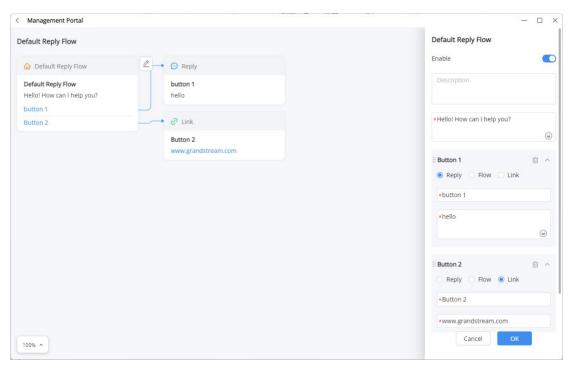


Figure 4: Configure Default Reply Flow - II

To edit the basic information of the Chatbot: Click



to enter the editing page.

< Settings (test123)

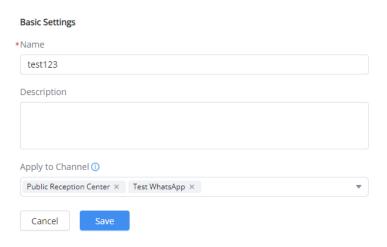


Figure 5: Configure Default Reply Flow - III

Edit the reply flow of the Chatbot: Click to enter the reply flow list (the function is consistent with the descriptions in the user manual).



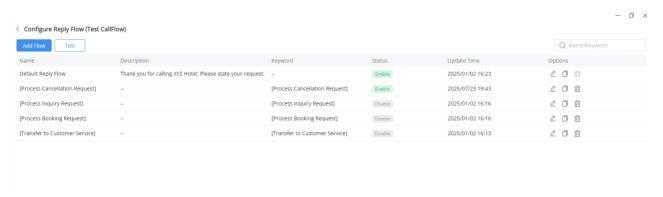


Figure 6: Configure Default Reply Flow - IV

LIVE CHAT CONFIGURATIONS

Display all Live Chats created on the UCM:

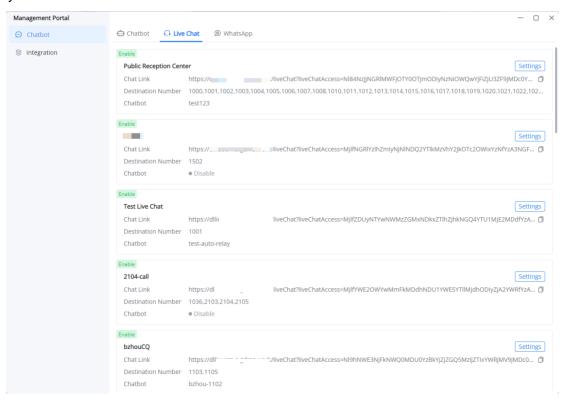


Figure 7: Display All Live Chats

Click

to configure the Live Chat info:



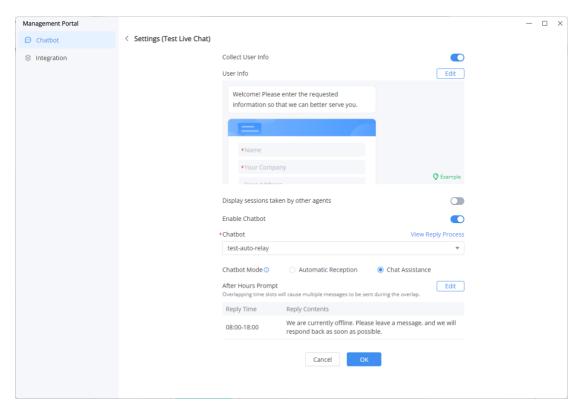
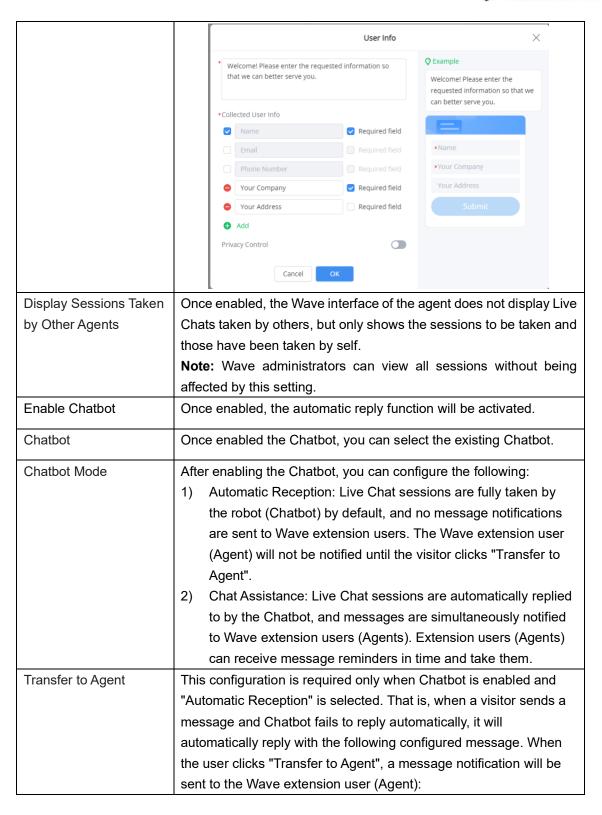


Figure 8: Configure Live Chats

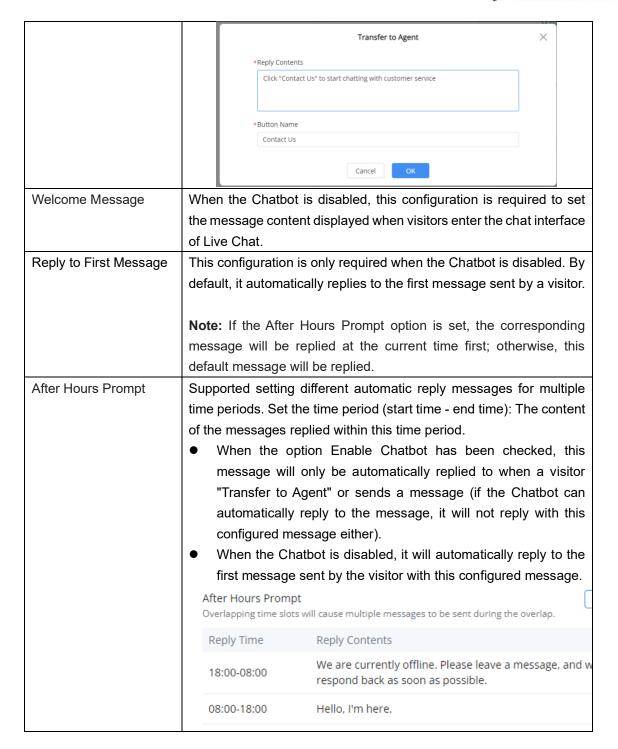
Table 1: Configure Live Chats

Parameters	Descriptions	
Collect User Info	Once selected, when a visitor initiates a Live Chat, they will need to	
	fill in the information.	
User Info	Edit the prompt for asking visitors about their information	
	The fields that visitors need to fill in are name/email/phone	
	number by default, and you can also select whether the select	
	fields are required.	
	Select whether to need to agree to the privacy control and you	
	can edit the content of the privacy control.	









ADD VISITORS TO PERSONAL CONTACT

Extension Users (Agents): For visitors from Live Chat or WhatsApp, "Add to Personal Contact" is supported.

Note: Only users with this permission in the corresponding UCMRC plans are supported.





Figure 9: Add to Personal Contact

WHATSAPP CONFIGURATIONS

Wave administrators can configure WhatsApp for multiple extension users.

Note: Once the administrator configures it in this way, other extension users cannot edit this configuration on the WhatsApp add-in of the Wave client. They can only view it.

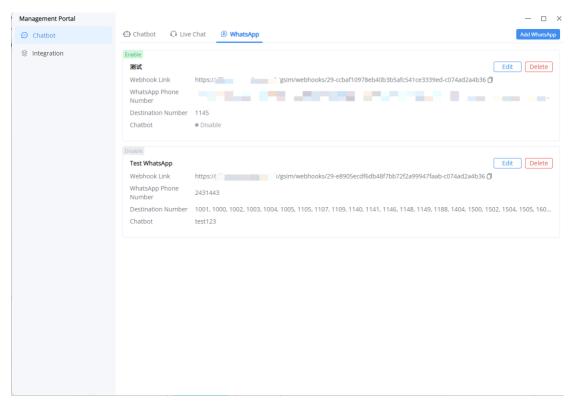


Figure 10: WhatsApp Configurations

Add WhatsApp:



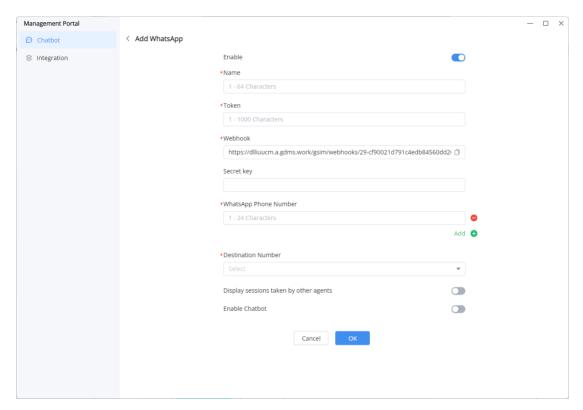


Figure 11: Add WhatsApp

- Enable: Once enabled, you can receive messages from this configured WhatsApp account.
- Name: The name of the WhatsApp business account.
- Access Token: Enter the access token that the user obtains in Step NO.4.
- Webhook URL: This URL needs to be configured to the WhatsApp administration page, please click the button to copy it.
- Client Secret (Optional): Enter the "App secret" the user obtains in Step NO.1.
- WhatsApp Phone Number ID: Enter the "Phone number ID" which the user obtains in Step NO.1.
 The user can click the button to add the phone number ID. If the user configures multiple phone numbers, when those numbers receive WhatsApp messages, they will notify the Wave client.
- Destination Number: Select the extension users who will receive this WhatsApp message. Multiple selections are allowed.
- Display Sessions Taken by Other Agents: Once enabled, the Wave interface of the agent does not display WhatsApp taken by others, but only shows the sessions to be taken and those have been taken by self.



Note: Wave administrators can view all sessions without being affected by this setting.

• Enable Chatbot: Once enabled, the automatic reply function will be activated.

Table 2: WhatsApp Configurations

Chatbot	Once enabled the Chatbot, you can select the existing Chatbot.	
Chatbot Mode Transfer to Agent	After enabling the Chatbot, you can configure the following: • Automatic Reception: WhatsApp sessions are fully taken by the robot (Chatbot) by default, and no message notifications are sent to Wave extension users. The Wave extension user (Agent) will not be notified until the visitor clicks "Transfer to Agent". • Chat Assistance: WhatsApp sessions are automatically replied to by the Chatbot, and messages are simultaneously notified to Wave extension users (Agents). Extension users (Agents) can receive message reminders in time and take them. This configuration is required only when Chatbot is enabled and "Automatic Reception" is selected. That is, when a visitor sends a message and Chatbot fails to reply automatically, it will automatically reply with the following	
	configured message. When the user clicks "Transfer to Agent", a message notification will be sent to the Wave extension user (Agent): Transfer to Agent *Reply Contents Click "Contact Us" to start chatting with customer service *Button Name Contact Us	
After Hours Prompt	After enabling the Chatbot, you can set different automatic reply messages for multiple time periods. Set the time period (start time - end time): The content of the messages replied within this time period. Note: When the option Enable Chatbot has been checked, this message will only be automatically replied to when a visitor "Transfer to Agent" or sends a message (if the Chatbot can automatically reply to the message, it will not reply with this configured message either).	



	After Hours Prompt Overlapping time slots will cause multiple messages to be sent during the overlap.	
	Reply Time	Reply Contents
	18:00-08:00	We are currently offline. Please leave a message, and we will respond back as soon as possible.
	08:00-18:00	Hello, I'm here.

After configuring the Chatbot automatic reply flow, the WhatsApp visitor client can display the corresponding button and process. Please check the screenshots as follows:

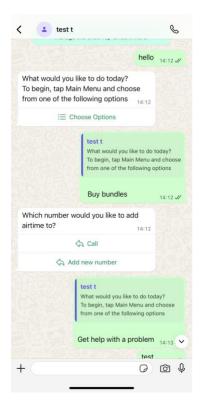


Figure 12: Chatbot Automatic Reply Flow - I



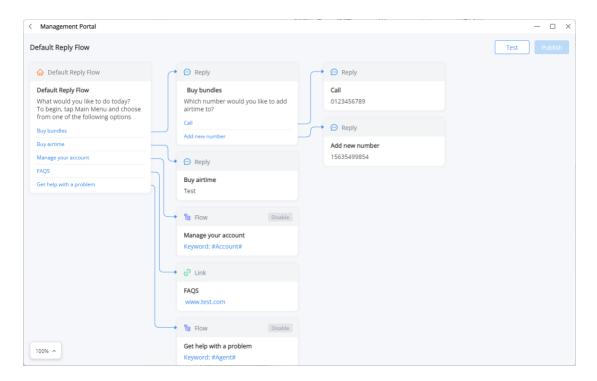


Figure 13: Chatbot Automatic Reply Flow - II

SUPPORTED MFA

On the UCM admin portal, you can view the status of multi-factor authentication by the extension and turn it on or off.

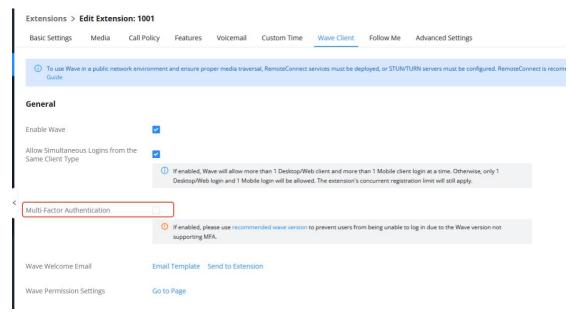


Figure 14: Enable MFA

Once enabled, when signing in to the Wave client, you will be reminded to bind the MFA device and enter



the multi-factor authentication code. After successful verification, you can sign in to the Wave client.

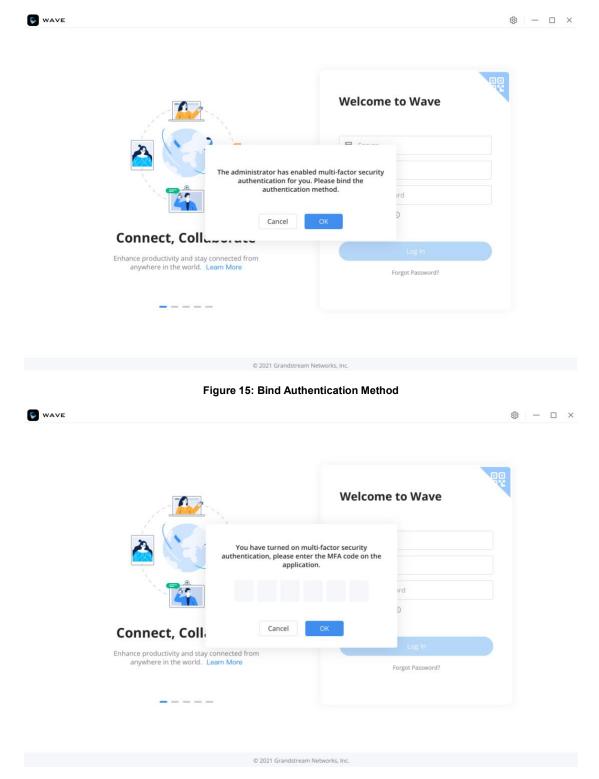


Figure 16: Enter MFA Code

Supported "Log in with Microsoft Account"



UCM administrators can configure associated Microsoft accounts for all or some extensions.

After configuration, this extension owner can click "Log in with Microsoft Account" to sign in to Wave through the Microsoft account.

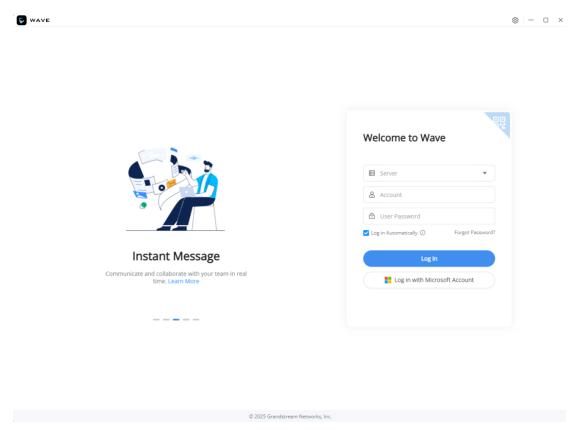


Figure 17: Log in with Microsoft Account

Note: For Wave Desktop users, they need to enter the server address first:

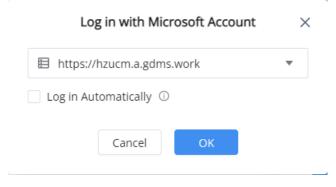


Figure 18: Enter Server Address

MEETING ROOM IMPROVEMENTS

1. During the meeting and for scheduled meetings, it is supported to set the option "Play Joining/Leaving



Meeting Prompt Tone".

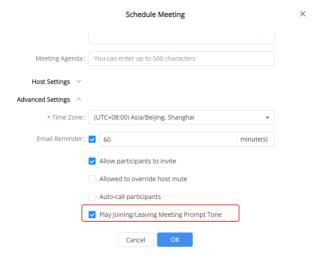


Figure 19: Play Joining/Leaving Meeting Prompt Tone

2. While scheduling a repeated meeting, you can set the start and end time ranges.

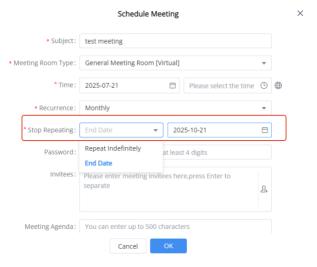


Figure 20: Set Start/End Time Ranges

3. The creator of the historical meeting can immediately restart the meeting. After restarting the meeting, the participants of this meeting will be automatically invited and the creator enters the interface for creating an instant meeting, where the topic and invited participants can be modified.



Figure 21: Restart Historical Meeting

4. The host of the meeting can download recordings and view/download chat records.



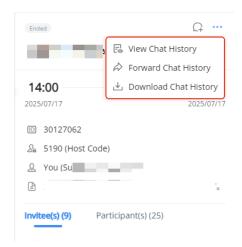


Figure 22: Download Recordings/Chat Records

5. During the meeting, it supports popping out the presentation window and allows for zooming in and out of the sharing content.

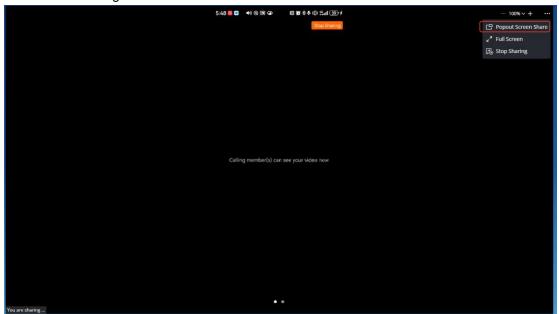


Figure 23: Popout Share Screen

NEW OPTIONS IN SETTINGS

The Settings interface has added the following options:

Table 3: New Options in Settings

Options	Parameters	Descriptions
General	Simultaneous Login	If checked, this extension is allowed to sign in to
	with Same Client Type	multiple Wave Desktop and Web clients
		simultaneously, or multiple Wave mobile app clients.
		Prerequisite: This entry is only available when the



		UCM administrator assigns the permission for this
		function.
	Minimize Call Window	After checking this option, the call window will be
	by Default	automatically minimized when there is a call.
	Theme	The themes of the main interface and the call
		interface can be controlled separately:
		Main Interface: Including Use System Settings,
		Light, and Dark.
		Call Interface: Including Use Wave Settings, Light,
		and Dark.
	Open Chat To	When opening a chat session, it refers to where the
	opon onat to	default location is. The options are as follows:
		The first new message (the first message in this
		session window), the last new message (at the
		bottom of the session window)
	File Save Location	The default save location for chat files can be
		selected.
		If you have configured the option "Ask about the
		save location of each file before downloading", each
		time a file is saved, it will ask about the default
		location of the last save.
	Auto-upgrade Add-in	After checking this option, the downloaded third-
		party applications will be automatically upgraded.
Notification	Notification Volume	The volume of the notification ringtone can be
		controlled.
Audio	Microphone	Added a new test method for microphone:
		Recording and playing voice through the
		microphone.
	Noise Suppression	Added a new AI noise reduction option: Automatic
	Level	Noise Reduction (AI)
Calls	Auto Answer	Once enabled, you can select to Auto Share PC
		Audio or not.
		Audio or not.
Meetings	Join Meeting with	Once enabled, the camera will be automatically

PERSONAL CHAT LINK

Users can enable the Personal Chat Link feature and customize the related configurations:



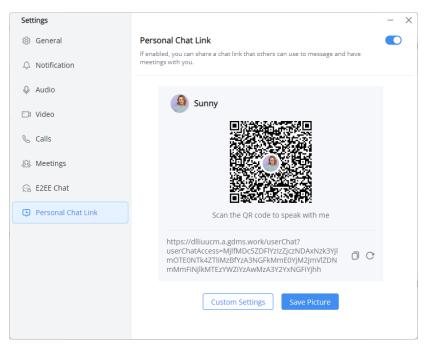


Figure 24: Enable Personal Chat Link

Custom Settings: You can customize the fields that visitors need to fill in.

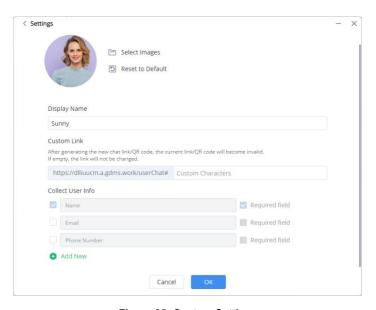


Figure 25: Custom Settings

Independent Chat Modules:

Users will see the independent chat modules as "Personal Chat" on the chat list:



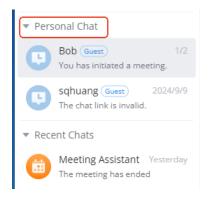


Figure 26: Independent Chat Module

CHAT IMPROVEMENTS

1. Rich Text: Supported code blocks.



Figure 27: Rich Text

- 2. The original message of the quoted reply can be clicked to jump to the position of the original message.
- 3. **Emoji Reply:** Supported the display of the responder's name.

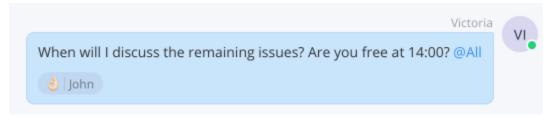


Figure 28: Emoji Reply

4. When multiple messages are selected, you can check the option "Select the following information" to select all following messages.



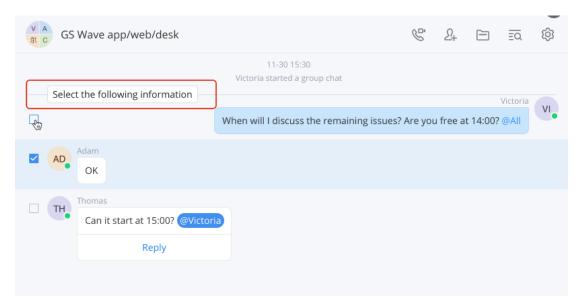


Figure 29: Select Following Information

5. **Optimization:** Link recognition rules/The group names should not include their own names.

OTHER IMPROVEMENTS

- Added new permission control functions: delete message and multi-terminal login Settings.
- Call History: In CQ/RG scenarios, the name and number of the person who answers the call (answered by others) will be displayed.
- On the left-side bar, there is a quick entry for applications. Clicking on it
 allows you to select an
 existing Application under "Application", which will always be displayed in the left navigation for easy
 access at any time.



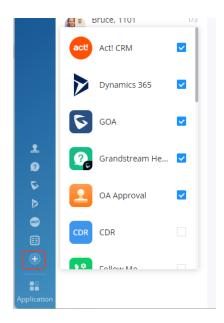


Figure 30: Add Application Shortcut