

# Wave Mobile Application Release Notes

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## VERSION 1.0.27.18 (Android) / 1.27.25 (iOS)

### PRODUCT NAME

Grandstream Wave Mobile

### DATE

04/10/2025

### IMPORTANT NOTE

- Grandstream Wave Mobile is available for Android and iOS mobile devices.
- The latest Wave Android app is available on the Google Play Store and can also be downloaded from <https://fw.gdms.cloud/wave/download/>
- The latest Wave iOS app can be downloaded from Apple's App Store.

### CHANGES SINCE ANDROID VERSION 1.0.27.13 / iOS VERSION 1.27.20

#### ENHANCEMENTS

- [General] Support Multi-Factor Authentication for Wave login.
- [General] Fixed some known bugs.

#### BUG FIXES

##### Android

- [MFA] Fixed an issue that there should be a prompt displayed after entering expired authentication code when logging into the Wave app.
- [MFA] Fixed an issue that the authentication method is displayed incorrectly in the MFA pop-up window.
- [MFA] Fixed an issue that the facial login does not work after enabling MFA login.
- [MFA] Fixed an issue that an error message should be prompted after clicking the login button if the user enters an incorrect MFA code.
- [MFA] Fixed an issue that the prompt window display location is too low if the user enters an incorrect MFA code.
- [MFA] Fixed an issue that there is still an error prompt popping up when clicking the login button after the account is locked and unlocked (input the incorrect MFA code too many times).
- [MFA] Fixed an issue that the app prompts incorrect error code after entering the incorrect MFA code for too many times.
- [General] Fixed an issue that the SIP connection cannot be recovered after restarting the phone.

## iOS

- [General] Fixed an issue that the edges of the avatar are not smooth.
- [Chat] Fixed an issue that the new message cannot be loaded after entering the chat by clicking the new message notification.
- [Chat] Fixed an issue that there is no need to prompt the error message when entering the chat from background by clicking the notification.

## VERSION 1.0.27.13 (Android) / 1.27.20 (iOS)

### PRODUCT NAME

Grandstream Wave Mobile

### DATE

01/23/2025

### IMPORTANT NOTE

- Grandstream Wave Mobile is available for Android and iOS mobile devices.
- The latest Wave Android app is available on the Google Play Store and can also be downloaded from <https://fw.gdms.cloud/wave/download/>
- The latest Wave iOS app can be downloaded from Apple's App Store.

### CHANGES SINCE ANDROID VERSION 1.0.27.12 / iOS VERSION 1.27.20

### BUG FIXES

#### Android

- [General] Fixed crash issues under some specific scenarios.

## VERSION 1.0.27.12 (Android) / 1.27.20 (iOS)

### PRODUCT NAME

Grandstream Wave Mobile

### DATE

01/21/2025

### IMPORTANT NOTE

- Grandstream Wave Mobile is available for Android and iOS mobile devices.
- The latest Wave Android app is available on the Google Play Store and can also be downloaded from <https://fw.gdms.cloud/wave/download/>
- The latest Wave iOS app can be downloaded from Apple's App Store.

### CHANGES SINCE ANDROID VERSION 1.0.27.9 / iOS VERSION 1.27.17

#### BUG FIXES

##### Android

- [General] Fixed registration issues under VPN network environment.
- [General] Optimized loading performances.
- [General] Optimized battery consumption issues.
- [General] Fixed an issue with Wave app crashes after being logged out.
- [General] Fixed an issue with Wave app crashes after receiving a call during a conference.
- [General] Fixed an issue with loading tip displays too long time under the VPN network connection environment.
- [General] Fixed an issue with call history cannot be displayed after re-opening the app while the connection between Wave Android app and the UCM63xx SIP server is unreachable.
- [General] Fixed an issue with loading timeout prompt cannot be displayed after loading voicemails fails.
- [General] Fixed an issue with Wave app network connection unsuccessfully after the corresponding UCM63xx SIP server restarts.
- [IM] Fixed an issue with IM server connects failed while the mobile app is under OpenVPN network environment.
- [Call] Fixed an issue with recording file cannot be played after transferring the call to a N-way conference and end the call.
- [Call] Fixed an issue with call notification cannot be displayed while the background mode is disabled.

- [Call] Fixed an issue with incoming call displays too late after clicking the incoming call notification while the mobile phone is under the OpenVPN network environment.
- [General] Fixed an issue with Wave app login slowly.
- [General] Fixed an issue with duplicated call history covers newly loading ones.

## iOS

- [General] Fixed registration issues under VPN network environment.
- [General] Optimized loading performances.
- [Chat] Fixed an issue with Wave app should not display a prompt to state the user does not permission while downloading a file in the group chat.
- [Call] Fixed an issue with no audio after transferring to a N-way conference from a multiple lines call.
- [Call] Fixed an issue with no incoming call ringtone while there is an incoming system call during a Wave call.
- [General] Fixed an issue with blank screen displaying after clicking to view call history.
- [Meeting] Fixed an issue with refreshing twice after clicking the reloading option on the meeting interface.
- [General] Fixed an issue with loading timeout prompt cannot be displayed after loading voicemails fails.
- [Meeting] Fixed an issue with meeting list displays incorrectly while the app fails to connect the server.
- [General] Fixed an issue with an English string displays incorrectly on the meeting cancellation interface.
- [Call] Fixed an issue with the active call loses audio after a second call goes to the voicemail.
- [Meeting] Fixed an issue with two loading prompts should not be displayed at the same time after clicking to join an instant meeting.
- [Call] Fixed an issue with Wave app displays invalid parameters after receiving an unanswered call.
- [Call] Fixed an issue with Wave app cannot establish calls after UCM63xx SIP server restarts.
- [Chat] Fixed an issue with the “no chats” prompt is displayed while loading the chat list.
- [General] Fixed an issue with the green loading bar displays unfriendly on the Wave app interface.
- [General] Fixed an issue with the “connection in progress” prompt is displayed after re-entering the app and clicking the meeting tab.
- [General] Fixed an issue with loading prompt is displayed after accessing the pending meeting list while the mobile phone cannot reach the UCM63xx SIP server.
- [General] Fixed an issue with app interface displays incorrectly after opening the VPK module while the app does not connect to the network.

- [Chat] Fixed an issue with read messages are displayed as unread again in some specific scenarios.
- [General] Fixed an issue with the Wave app crashes after entering the chat from the notification.
- [General] Fixed an issue with the number of group members for individual groups displays as 0 on the adding member interface.
- [Chat] Fixed an issue with the chat list does not display the re-connection green bar after restarting the UCM63xx SIP server.
- [Chat] Fixed an issue with the number of group members displays as 0 while forwarding a chat message from another chat.



## VERSION 1.0.27.9 (Android) / 1.27.17 (iOS)

### PRODUCT NAME

Grandstream Wave Mobile

### DATE

12/18/2024

### IMPORTANT NOTE

- Grandstream Wave Mobile is available for Android and iOS mobile devices.
- The latest Wave Android app is available on the Google Play Store and can also be downloaded from <https://fw.gdms.cloud/wave/download/>
- The latest Wave iOS app can be downloaded from Apple's App Store.

### CHANGES SINCE ANDROID VERSION 1.0.27.8 / iOS VERSION 1.27.16

### BUG FIXES

#### iOS

- [Chat] Fixed an issue with opening files uploaded to a chat.
- [Chat] Fixed an issue with displaying images after downgrading the UCM server.
- [UI] Fixed several display issues.

## VERSION 1.0.27.9 (Android) / 1.27.16 (iOS)

### PRODUCT NAME

Grandstream Wave Mobile

### DATE

11/15/2024

### IMPORTANT NOTE

- Grandstream Wave Mobile is available for Android and iOS mobile devices.
- The latest Wave Android app is available on the Google Play Store and can also be downloaded from <https://fw.gdms.cloud/wave/download/>
- The latest Wave iOS app can be downloaded from Apple's App Store.

### CHANGES SINCE ANDROID VERSION 1.0.27.8 / iOS VERSION 1.27.11

### BUG FIXES

#### iOS

- [Call] Fixed an issue with not hearing ringtone in certain cases.
- [Chat] Fixed an issue with sharing images.

## VERSION 1.0.27.9 (Android) / 1.27.11 (iOS)

### PRODUCT NAME

Grandstream Wave Mobile

### DATE

10/15/2024

### IMPORTANT NOTE

- Grandstream Wave Mobile is available for Android and iOS mobile devices.
- The latest Wave Android app is available on the Google Play Store and can also be downloaded from <https://fw.gdms.cloud/wave/download/>
- The latest Wave iOS app can be downloaded from Apple's App Store.

### CHANGES SINCE ANDROID VERSION 1.0.27.8 / iOS VERSION 1.27.8

### BUG FIXES

#### Android

- [General] Fixed an issue with receiving notifications when the UCM server is on older firmware.
- [General] Fixed several stability issues.
- [Meeting] Fixed an issue with being unable to edit the date of a single meeting instance of a recurring meeting.

#### iOS

- [Call] Fixed an issue with the native iOS phone app not ringing after updating the Wave app to 1.0.27.8.2.
- [Chat] Fixed an issue with @mentions persisting on the screen abnormally.
- [Chat] Fixed an issue with message reminders behaving abnormally.

## VERSION 1.0.27.8 (Android) / 1.27.8 (iOS)

### PRODUCT NAME

Grandstream Wave Mobile

### DATE

09/30/2024

### IMPORTANT NOTE

- Grandstream Wave Mobile is available for Android and iOS mobile devices.
- The latest Wave Android app is available on the Google Play Store and can also be downloaded from <https://fw.gdms.cloud/wave/download/>
- The latest Wave iOS app can be downloaded from Apple's App Store.

### CHANGES SINCE ANDROID VERSION 1.0.25.17 / iOS VERSION 1.25.14

#### ENHANCEMENTS

- **[General]** Added Virtual Programmable Key (VPK) feature. [VIRTUAL PROGRAMMABLE KEYS (VPK)]
- **[General]** Added biometric login support. [BIOMETRIC LOGIN SUPPORT]
- **[General]** Improved support for HA environments.
- **[General]** Added support for concurrent logins from the same client types (Desktop/Web, Android/iOS).
- **[General]** Added ability to remotely log out of existing Wave sessions on other devices. [REMOTE LOGIN MANAGEMENT]
- **[General]** Added *Account Security Center* settings page where users can manage their password, remote device logins and biometric login settings.
- **[Call]** Added the ability to specify the Bluetooth device used by Wave when connected to multiple Bluetooth devices.
- **[Call]** Added Google Assistant & Siri virtual assistant support. [GOOGLE ASSISTANT & SIRI VIRTUAL ASSISTANT SUPPORT]
- **[Call]** Improved N-way conferencing process.
- **[Chat]** Users can now customize group chat avatars.
- **[Chat]** Added the ability to set reminders for selected messages.
- **[Chat]** Added ability to upload and send multiple files.
- **[Chat]** Added Rich Text formatting options for chat messages.
- **[Chat]** Added personal chat link that users can share to external parties for initiating chat sessions. [PERSONAL CHAT LINK]

- **[Meetings]** Added ability to schedule recurring meetings for every X days or weeks.
- **[Meeting]** Improved Wave H5 support. Mobile browsers and webRTC applications will be able to access the meeting interface and its features, which was previously unavailable to non-Wave users that joined Wave meetings.
- **[Voicemail]** Voicemail group names will now be displayed.

## BUG FIXES

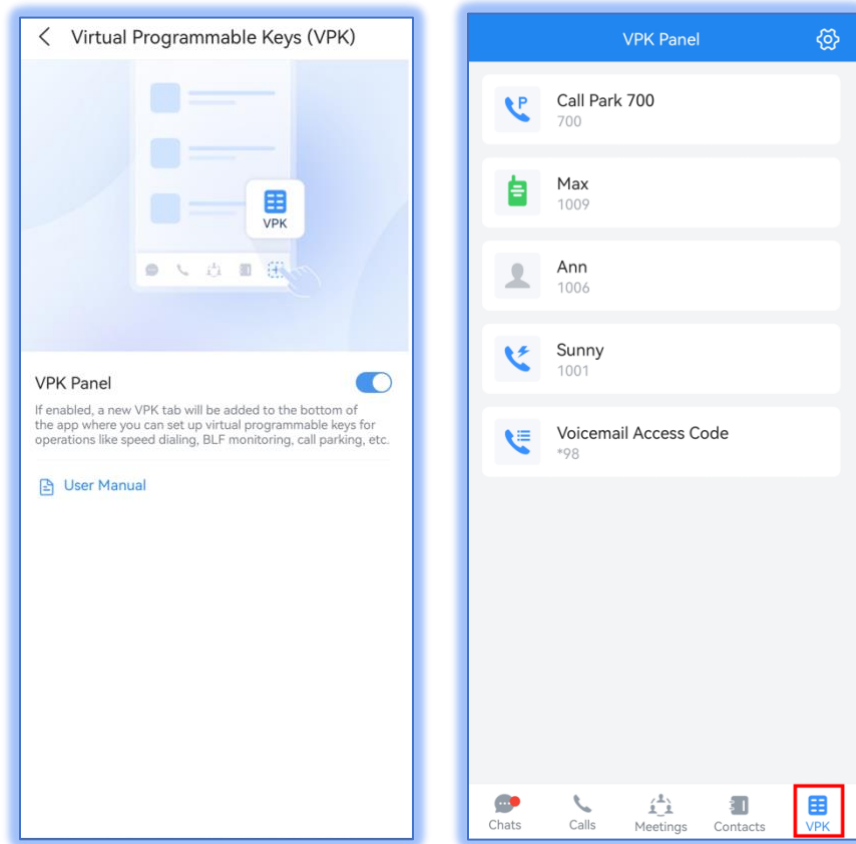
- **[General]**
  - Fixed several UI issues.
  - Fixed several stability issues.
  - [Android] Fixed an issue with not being able to set group avatar with some devices.
  - [Android] Fixed an issue with unread messages count not updating properly.
  - [iOS] Fixed an issue with recording playback.
- **[Call]**
  - Fixed an issue with unmuting in certain cases.
  - [iOS] Fixed an issue with call audio pausing when receiving a normal call during a Wave call.
  - [iOS] Fixed an issue with unholding multi-line calls through CloudUCM.
- **[Chat]**
  - Fixed an issue with displaying the same preview thumbnail when sending any URL in chat.
  - [Android] Fixed an issue with read status in group chats.
  - [iOS] Fixed an issue with being unable to send .gif files.
  - [iOS] Fixed an issue with typing Vietnamese.

## NEW FEATURES OVERVIEW

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

### VIRTUAL PROGRAMMABLE KEYS (VPK)

Users can now set up and use VPKs for various features like Busy Lamp Fields (BLF), Event Lists, Speed Dials, Intercoms, Feature Code toggles, and more! The VPK feature is available under Settings.



**Figure 1 - VPK Panel**

## **BIOMETRIC LOGIN SUPPORT**

Quickly and securely log into Wave by using your device's fingerprint reader or facial recognition. Note: This setting must be enabled under Settings->Account Security Center.

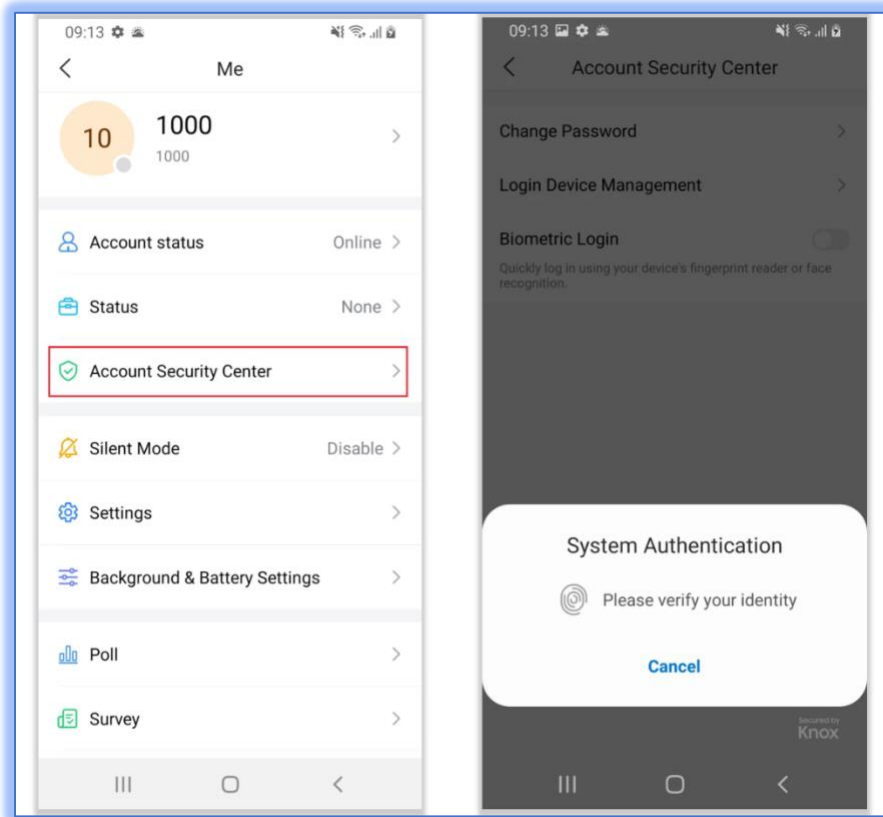


Figure 2 - Biometric Login

### GOOGLE ASSISTANT & SIRI VIRTUAL ASSISTANT SUPPORT

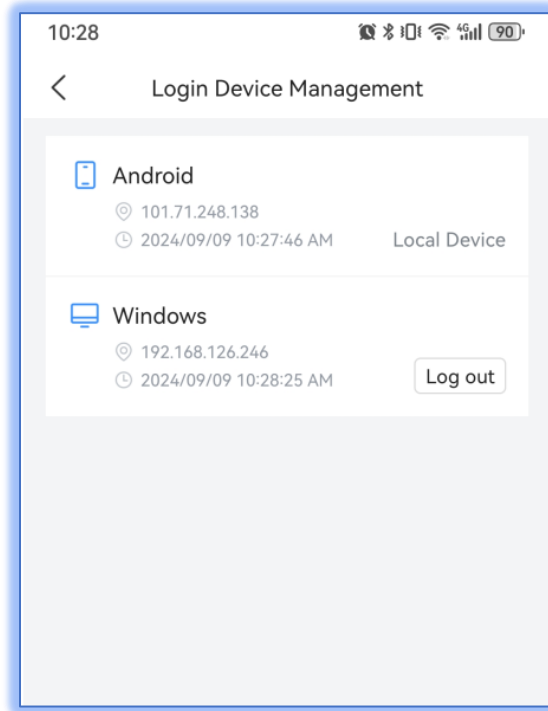
Users can now use Google Assistant or Siri on their phones to start Wave calls. For example, saying “Please use Wave to call 1001” will open up the Wave app to call 1001.



Figure 3 - Virtual Assistant Calling

## REMOTE LOGIN MANAGEMENT

Users can now use one device remotely log out of Wave on their other devices from the *Settings* → *Account Security Center* page.

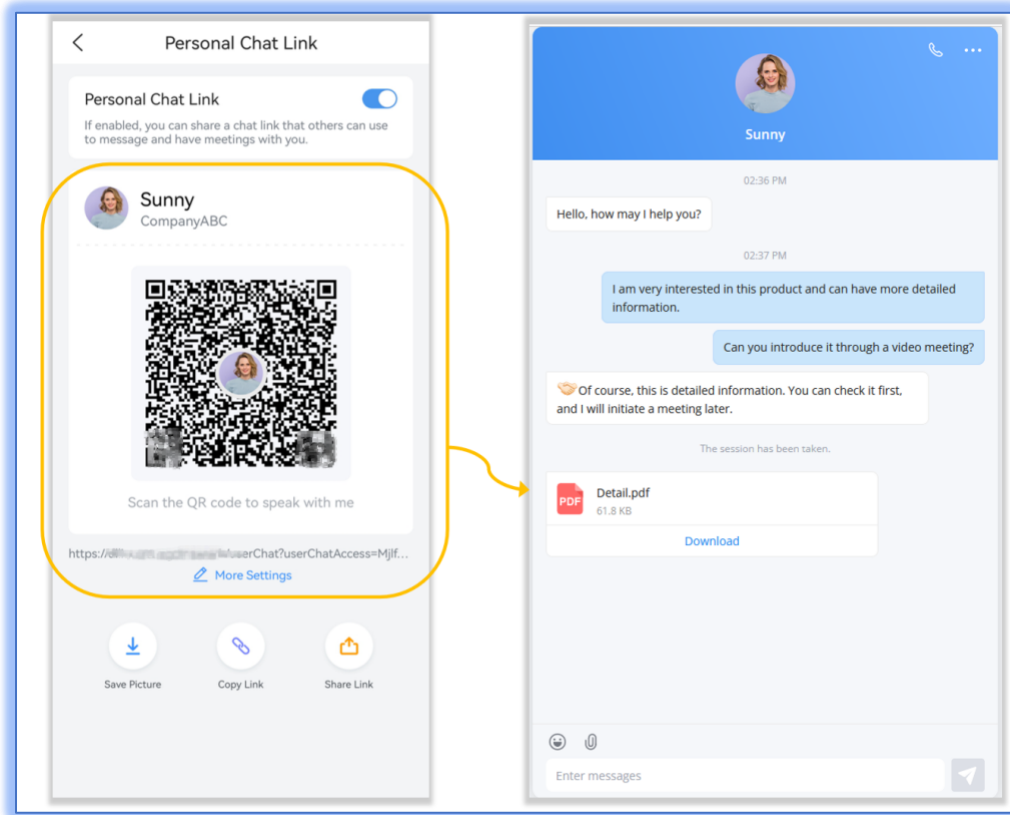


**Figure 4 - Remote Login Management**

## PERSONAL CHAT LINK

Wave users can share their personal chat links via email or other platforms to external parties, which will allow them to directly message the Wave users from their PC or mobile browsers.





**Figure 5 - Personal Chat Link**