[EN] Android - Professional - Quick Start Guide

This guide provides you easy step-by-step instructions to help you get started with PrivateWave .

Secure calls with PrivateWave

Calling with PrivateWave is a very easy task. You can both use your **contact lis**t or directly dial a number using the **dialpad**.

> ⓘ *To make a secure call, you and the called party must have PrivateWave software running on the mobile device, be **connected to the Internet** and to the **same PrivateServer** .*

Calls from the Contact list

By selecting the Contacts tab, the contacts in the device's address book that have PrivateWave installed are displayed:
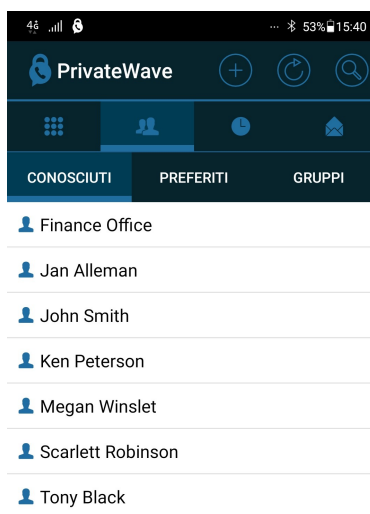

Figure 1. Calls from the contact list

Once a contact has been selected, the detail view appears and a call is automatically made by clicking on the contact's phone number:
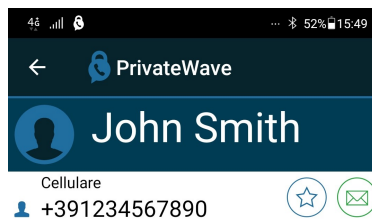
Figure 2. Contact details

Calls from keyboard

You can make a Secure Call by selecting the Keypad from the tab bar and then entering the number to call:
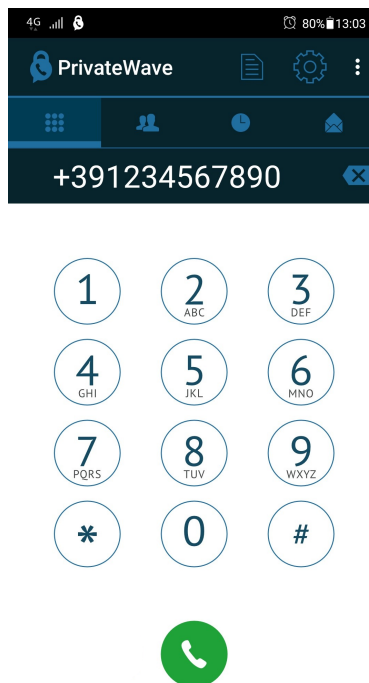

Figure 3. Call from keyboard

Receive Secure Calls with PrivateWave

Once PrivateWave is installed and all settings are configured correctly on the device you will be able to receive Secure Calls. When a Secure Call is incoming the application is brought to the foreground, so you can accept or reject the call:
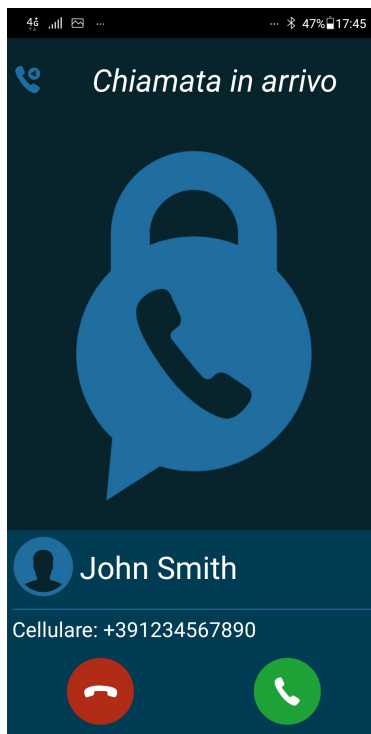

Figure 4. Incoming call

After the applications of the two users have exchanged and verified the security keys you can start the conversation.

Security control

A PrivateWave phone call is always encrypted. The protocol provides verbal verification of two keywords displayed at the beginning of the conversation. If both parties see the same keywords, then the call is secured:

Figure 5. SAS untrusted contact

The keywords change with each call. If the keywords are not the same between caller and callee hang up the call immediately because this may be a sign of a security attack.

After verbally verifying the keywords you can mark the contact as "reliable" by clicking on the red question mark. Verbal verification is not necessary for subsequent conversations and the keywords will be displayed in green:
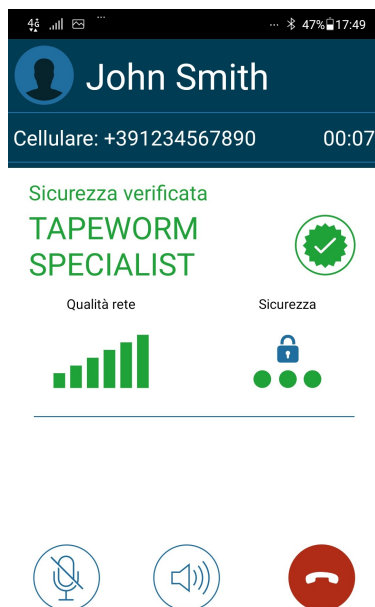

Figure 6. SAS trusted contact

Sending Secure Messages with PrivateWave

In addition to making secure calls you can communicate with users using PrivateWave through Secure Messages end-to-end encrypted.

Sending from the "Messages" tab

If the conversation already exists in the "Messages" history, select the desired contact to start the message composer:

Figure 7. Sending from the Messages tab

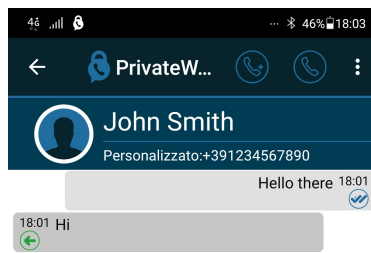Otherwise select the "+" button at the top right and then choose the contact from the address book:

Figure 8. Android chat

Sending from the "Contacts" tab

To send a message to a contact in the contact list, select it and then click on the envelope icon next to the phone number:
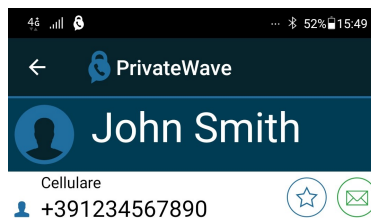
Figure 9. Sending from Contacts tab

Reply with quotation

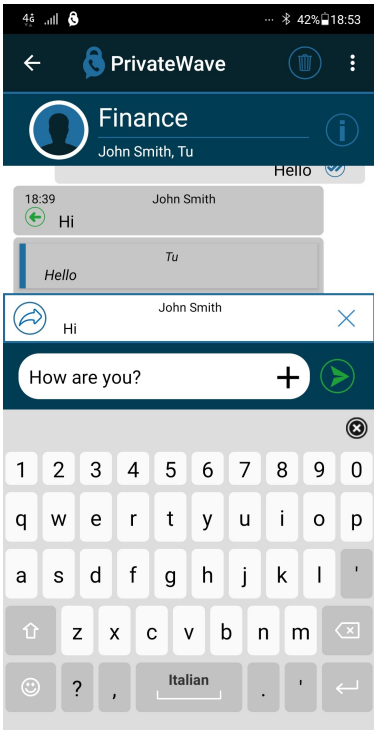To reply to a message with a quote, swipe to the right of the message:
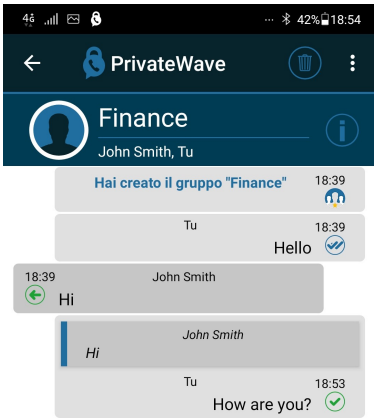

Figure 10. Reply with quotation

Figure 11. Reply with quotation sent

Sending attachments

To send a file click on the "+" icon in the message composition window. Using the icons that appear you can choose the type of attachment you wish to send:
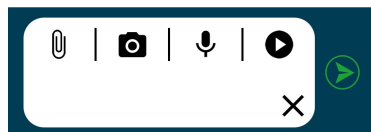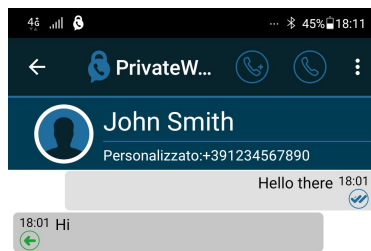
Figure 12. Attachments menu

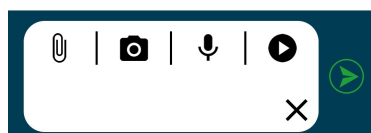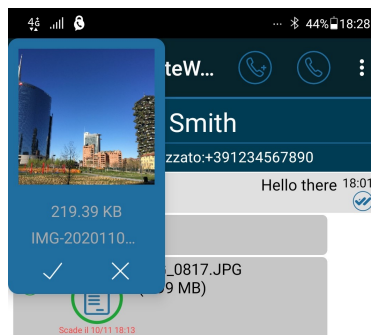Once you have selected the file to send, click on the send icon at the bottom left of the attachment preview window:

Figure 13. Attachment preview

After sending the file you can preview it by clicking on the "lens" icon next to the file name.

Group Chat

If the group chat already exists in the "Messages" history, select the corresponding group to start the message composer:
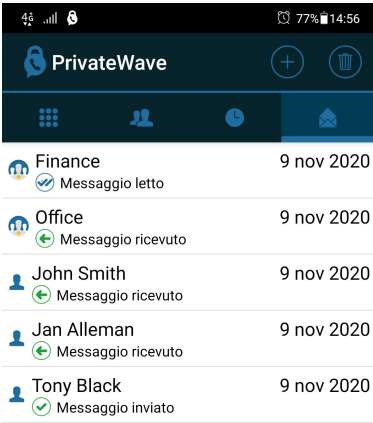

Figure 14. Messages tab with groups

Otherwise it is possible to access the groups in the Contacts tab under "Groups":

Figure 15. List of groups

To create a new group press the "+" button at the top right of the message tab and then the "Groups" tab. The icon for creating a new group is located in the top right corner. Enter the name of the group:
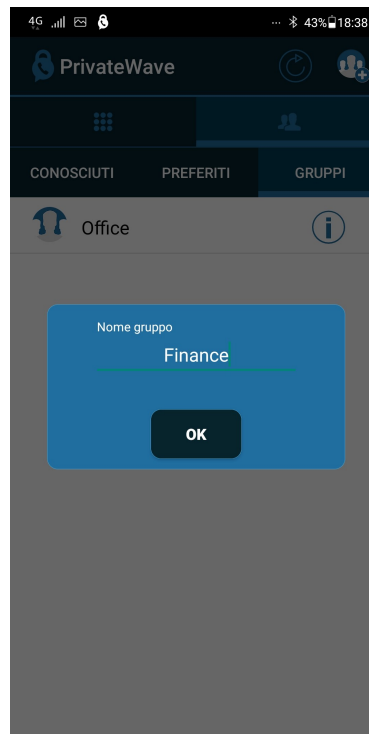

Figure 16. Create new group

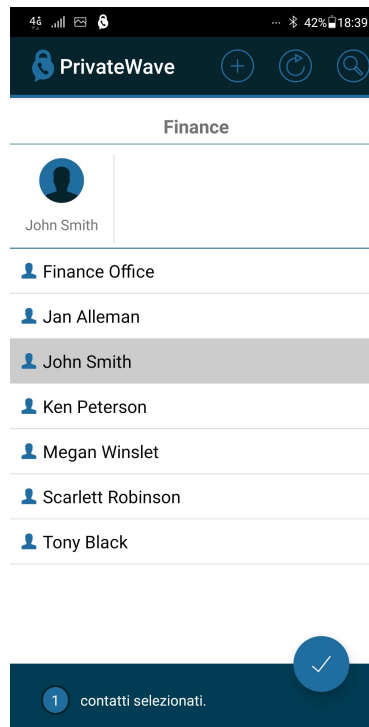and then choose the contacts to add:

Figure 17. Adding contacts to the group

You can view information about the group by pressing the "i" icon in the upper right corner of the chat itself:
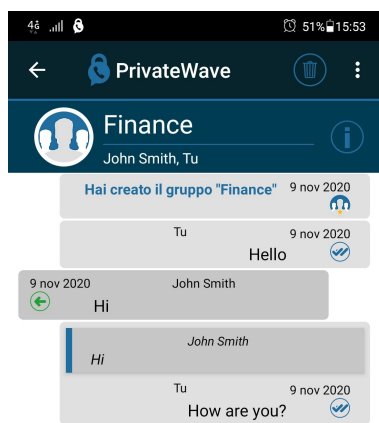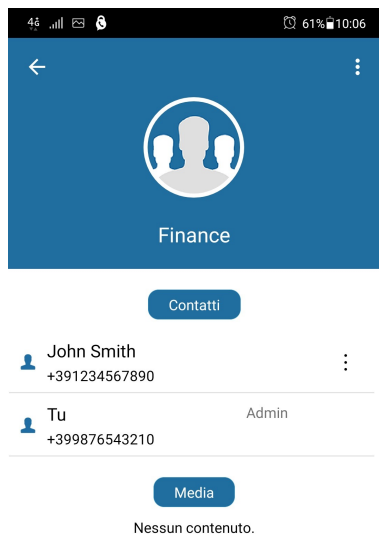

Figure 18. Group chat

Figure 19. Group Info

Secure Messages status icons

An icon is displayed for each Secure Message showing its status:

Icon	State
	Sending the message
	Message received by the server
	Message delivered
	Message read
	Error while sending the message

In the case of Group Chat a message is delivered or read only when all group members have received or read the message. You can access the detail status of each single message sent by swiping left on the message itself.