

iPhone - Quick Start Guide - PrivateGSM Professional

PrivateGSM Professional Quick Start Guide for iPhone

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

Making a secure call with PrivateGSM

Calling with PrivateGSM is very easy. Select **Contacts** tab from the tab bar, tap on the contact you want to call and select the contact number associated with PrivateGSM.

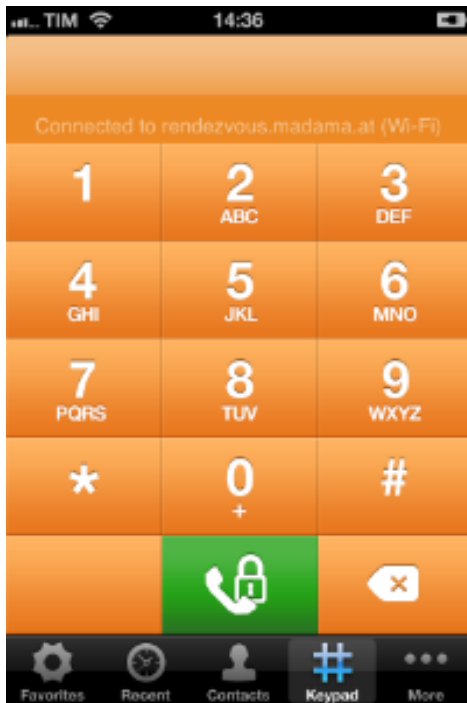


figure 1. PrivateGSM Professional main view

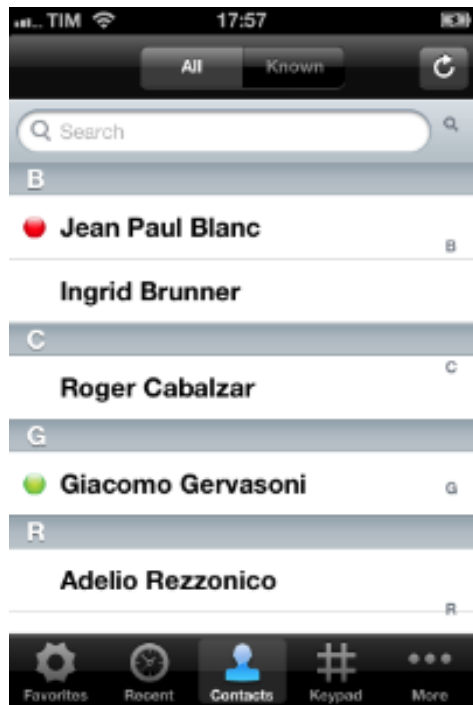


figure 2. you can access your contacts from PrivateGSM



To make a secure call, you and the called party must have PrivateGSM software running on the mobile device, be **connected to the Internet** and to the **same SIP server**.

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You can make a secure call to any arbitrary number (presuming that the call peer has PrivateGSM connected) from PrivateGSM menu by simply entering the number with the on-screen keypad and pressing the dial (green) button.

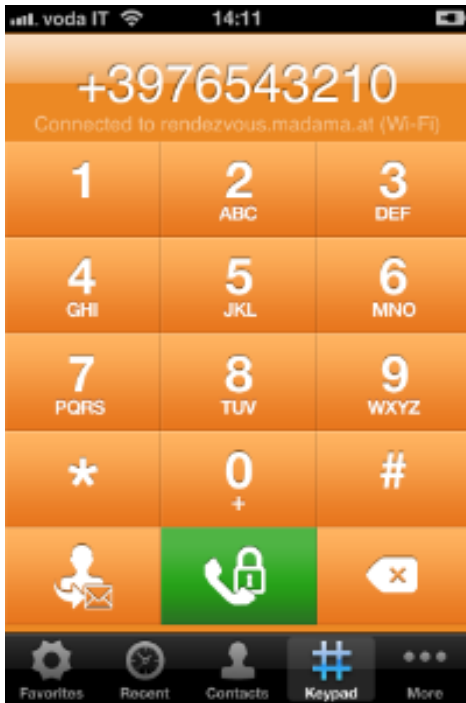


figure 3. PrivateGSM dial pad

Receiving a secure call with PrivateGSM

Once PrivateGSM is installed and all the settings are correctly configured on your device you are able to receive a secure call. When a secure call arrives to your device a notification bar will be shown on the top of the screen. Tap on the notification to bring the application in foreground, then answer or decline the call from the application. After the system have exchanged and verified the security keys the you can start the conversation.

 To receive a secure call PrivateGSM has to be running and be **connected to the Internet**.



figure 4. incoming secure call

Call status

To establish a call PrivateGSM completes three phases shown by three icons:

Call status icons

	Red light	Starting the connection	Connection not yet established. This step may take several seconds
	Yellow light ZRTP-edition ONLY	Key exchange	Connection established but encryption keys are being exchanged.
	Green light	Secure call established	Connection established and secure. You can now speak securely

Checking your security

A PrivateGSM phone call **is always encrypted**. To check that nobody is intercepting the call, you must verify the security verification words with you remote party. After the call has been connected PrivateGSM displays the same two security verification words on the screen to both parties. If both of you and your contact see the same **security verification words** then the call is secure. The security verification words are **different each time** you make or receive a secure call. If the words are not the same hang up the call immediately as this may be a sign of a security attack..



figure 5. an example of security verification words

Inviting your contacts

Using your address book **you can invite your contacts** to join PrivateGSM. Tap on invite button in the bottom left corner of the virtual keypad and choose the contact to you want to invite. The application will create a text message and after your confirmation will send it to the selected phone number. The receiver will only have to open the link contained in the SMS to install and use PrivateGSM.

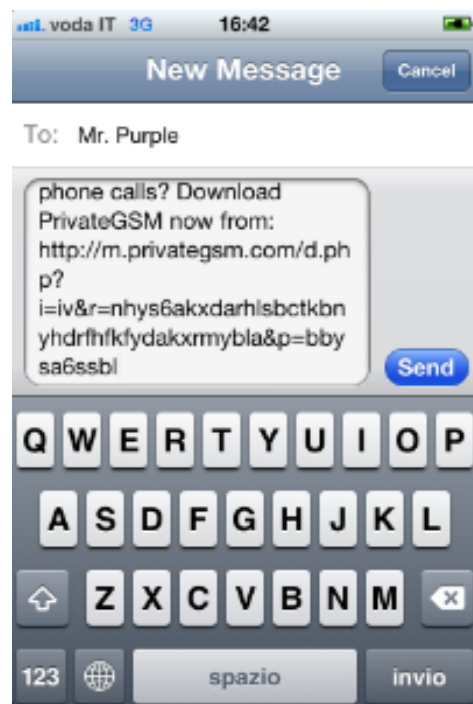


figure 6. invite SMS to be sent to your contact of choice