

Opera
**Wireless Mobility
with the
Apple iPhone**

How to set-up an Apple iPhone as an extension of the Opera IPPBX

You can use your Apple iPhone as a wireless extension on the Opera IPPBX to make and receive calls over the Wifi network.

STEP 1: Set up the Opera IPPBX – You will need to install a licence in your PBX for WLAN SIP functionality. In order to obtain a trial licence, Click on this link to connect to our [licence server](http://213.79.38.16:81/) <http://213.79.38.16:81/> (enter username as **guest** and password as **1000**) and then fill in your details

MAC address of Opera system:

Company Name:

Company Address:

Contact Name:

Company Phone Number:

Email address to which the licence key should be sent:

Then change the pull down next to the item **“IP4 SIP Extensions”** from none to 1 and then click **“Send”**. You will be shown a confirm screen where you should click **“Yes”**. The licence server will then email you the licence key.

Note: *In order to check the MAC address of your system, you can login as an administrator to the system by pointing your browser to the IP address of the system. The default IP address of the system is market dependent but typical values are:*

192.168.1.200 for Belgium

192.168.1.100 for Holland

192.168.1.250 for other markets

The administrator login and password are admin/1000.

You will find the MAC address under System Settings/System Properties.

When you receive the WLAN SIP licence key from MDS Gateways, you must copy and paste this key into the Opera System by logging in as administrator. Go to the page System Settings/System Licences and paste the licence key into a free white cell, press Save and Restart the system.

When the system has restarted, login to the browser again as administrator and go to the page User Settings/ IP Phone Registration. Click on the link ‘Licensing’ on the lower left corner of this page.

In the third column ‘Enable WLAN SIP’, the number of WLAN SIP licences available is indicated at the top of the column. You can allocate a licence to a particular user by ticking the appropriate box and pressing the SAVE button.

The licence is now installed and allocated to a user. The next step is to programme the users IP phone registration details into the Mobile handset. In

order to do this you must check these details on the page User settings/IP Phone Registration. Make a note of the IP registration name and IP registration PIN of the user who is to be configured with an Apple iPhone.

You may now log out of the Opera System browser

STEP 2: On your Apple iPhone you can connect to the Wifi Network under Settings/Wifi.

Note: It is advisable to have your Wifi network security enabled. If you have any doubts or concerns about your Wifi network security, do not use this feature

STEP 3: Download a SIP client to your Apple iPhone.

You must purchase a SIP client from the Apple Apps Store using an iTunes account. Here we describe the Acrobits Softphone 3.2.2. For this softphone you will also need to purchase the Add-On G.729 Annex A Codec.

Once you have downloaded the Acrobits Softphone and G.729 Codec, open the Acrobits softphone and press 'Settings'.

Go to 'SIP' Accounts and press the 'Add' button.

Select 'Generic SIP Account'.

For 'Title' give the account a name such as 'SIP Wifi'

For Username and Password enter the IP registration Name and IP registration PIN which are defined in the Opera IPPBX for this user.

For 'Domain' type in the LAN IP address of the Opera IPPBX.

Port should be configured as 5060.

Finished! You can now test Apple iPhone as an extension off the Opera IPPBX system by dialling another user or by dialling your voicemail *99.

Multiple devices for one User

The Opera IPPBX allows you to register many different devices on one user id. Typically these would be a work desk phone, a remote desk phone (home), Wifi extension on an Apple iPhone or Nokia handset or a softphone on a computer. You may activate any one of these devices by making a call from the device. The last device used is the active device and all incoming calls are sent to this device and all other devices remain inactive.

In order to distinguish between the different devices it is useful to add the type of device to the IP registration name when you register the device on the IPPBX.

For example, change the IP registration name on your desk phone at work by pressing the 'Menus' key under display and holding it down for 10 seconds. Select Registration Info, IP Registration Name).

If, for example, your IP phone registration name is "IP11", change it to "IP11.Work" and press Set.

For your Home phone change the IP registration name to "IP11.Home".
For your SIP client on a Nokia mobile or an Apple iPhone, change the name to "IP11.Mobile".

For your softphone, change the name to "IP11.Soft".

You may manually activate either the Work or the Home or the Mobile extension from the IP Executive or IP Professional system phone by selecting "Activate" in the Menus list and selecting the appropriate device.

The best of both worlds in one handset, with automatic selection of the VoIP when available!