

SIP CLIENT MOBILE PHONE

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Nokia VoIP

What is Nokia VoIP SIP Client

Nokia VoIP SIP client enables customers to make phone calls to other VoIP users anyone else in the world from your mobile phone at a very cheap rate. Nokia VoIP phones works wherever you have access to the internet via Wi-Fi or over 3G.

Nokia SIP Phones

Nokia has long been a leader in Mobile VoIP technology. When you select Nokia SIP phones you are taking a big step forward in giving yourself the best that Internet telephony technology has to offer. With a wide selection of phone models to choose from, Nokia SIP phones with VoIP support will provide you with high sound quality and reliable performance.

Whether you choose a Nokia SIP phone that comes pre-loaded with VoIP software or a model that requires a simple software download, you will be on your way to enjoying crystal clear communications for a fraction of the cost.

Below you can find the current Nokia phones that support SIP.

Nokia E series phones with Nokia VoIP SIP Support

Nokia E51, Nokia E52, Nokia E55, Nokia E60, Nokia E61, Nokia E61i, Nokia E62, Nokia E63, Nokia E65, Nokia E66, Nokia E70, Nokia E71, Nokia E75, Nokia E90

Nokia N Series phones with Nokia VoIP SIP Support

Nokia N79, Nokia N80, Nokia N80ie, Nokia N81, Nokia N81-8GB, Nokia N82, Nokia N85, Nokia N86, Nokia N95, Nokia N95-8GB

Nokia XpressMusic phones with Nokia VoIP SIP Support

Nokia 5630 XpressMusic, Nokia 5730 XpressMusic

Nokia Navigator phones VoIP Configuration guides

Nokia 6710 Navigator

Windows mobile VOIP

Some of the Windows mobile phones that have VOIP compatibility are

Acer neoTouch P300 and P400, Acer beTouch E100, E200, neoTouch S200, Asus P835, HP iPAQ 900, HP iPAQ 510, HP iPAQ K3, HP iPAQ Glisten, Garmin-Asus Nuvifone M10, HTC Mogul, HTC Touch, HTC Diamond, HTC Wing, HTC Vox S710, HTC Cavalier, HTC Pure, HTC Imagio, HTC Tilt 2, HTC Ozone, HTC Touch Pro, HTC Touch Pro2, HTC Dash 3G, HTC Snap, HTC XV6800, HTC XV6900, HTC HD mini, HTC HD2, i-mate Ultimate 9502, i-mate Ultimate 8502, i-mate Ultimate 8150, i-mate Ultimate 6150, i-mate JAMA 101, i-mate JAMA 201, LG Incite, LG GW820 eXpo, MOTO Q 9c, Pantech Matrix Pro, Palm Treo Pro, Palm Treo 75, Samsung Intrepid, Samsung Jack, Samsung Propel Pro, Samsung Omnia, Samsung Ace, Samsung Saga, Samsung SCHi220, Samsung SPH-i350 Intrepid, Sony Ericsson Xperia X1, Sony Ericsson Xperia X2, Sony Ericsson Aspen, Toshiba TG02, Toshiba K01

Android VoIP

What is Android VoIP?

Android VoIP is a new way of using your Android phone by routing calls over the internet rather than via traditional mobile operators - thus cutting out the middle man and saving you money. Nokia VoIP SIP client enables customers to make phone calls to other VoIP users anyone else in the world from your mobile phone at a very cheap rate. Android VoIP phones works wherever you have access to the internet via Wi-Fi or over 3G / 4G.

What Android phones does it work on?

Mobile VoIP brings VoIP to mass-market mobile phones with any unlocked Android phone.

Some of the Android phones on the market are;

Google Nexus One, Passion / Bravo, GW880, Xperia X10a, Eve / GW620, Eris / Desire, One, Streak, Calgary / Motus, Liquid / A1, Moment,, Behold II, DROID / Milestone, Archos Phone, CLIQ / DEXT, O1, Spica / Galaxy Lite / i5700, Pulse, Mini 3i, Sprint Hero, Tattoo, Hero, Galaxy / i7500, Magic / myTouch 3G, Dream / G1

Nokia SIP Settings for VOIP setup

Configuration Guide

BEFORE YOU BEGIN, please note the following:

Most nokia series have some of VoIP settings set as hidden by default, and you will need Nokia's new **VoIP SIP application**.

This application can be used to configure VoIP settings on your Nokia. You can create new VoIP profiles and modify the existing ones, and create and modify VoIP parameters and NAT/Firewall traversal settings and that is normally not visible on the device UI, such as codec settings and SIP domain-specific NAT/FW settings. It is also possible to save all the VoIP profile settings to a text file. It also enables VoIP over WCDMA which means you can make VoIP call over 3G Internet connection.

Using your PC you can download free

Nokia SIP VoIP application from here

http://www.mobile2mobile.biz/SIP_VoIP_Settings_v1_2_en.SIS

Extract and install SIS file using Nokia PC Suite software on your PC.

Once installation is complete you will be able to see "SIP VoIP Settings" application under Applications menu on your Nokia, which you will need in STEP 5 of this configuration guide for better voice quality or enabling VoIP over 3G Internet connection.

STEP 1

Go to Tools / Settings / Connection / SIP settings. Create the following profile

Profile Name: mobile2mobile

Profile: IETF Default

Access point: (your WLAN AP name)

Public user name: username@mobile2mobile (The username is the account number assigned to you when signed up for the Mobile2mobile service. When recorded your phone will show sip:username@mobile2mobile)

Use Compression: No

Registration: "Always on "

Use Security: No

STEP 2

You do not need to enter Proxy Server settings

Proxy Server Address: none

Registrar Server:none

Realm: none

User Name: none

STEP 3

Enter the following for Registrar Server settings

Registrar Server: 77.72.174.129

Realm: mobile2mobile

User Name: dummy (Instead of dummy account number example, use the account number assigned to you when signed up for m2m VOIP service.)

Password: Enter the password that you chose when you signed up for the service.

Transport Type: UDP

Port: 5060

STEP 4

Go to connection / Internet Tel. Settings

Create a new profile for "m2m"(dummy), name it "m2m"

In Connectivity / Internet tel. / Preferred profile

Choose "m2m"

STEP 5

For better voice quality or in order to be able to make VoIP calls over 3G internet connection you need to use **Nokia SIP VoIP Application** you installed.

Go to Applications on your phone and click on "SIP VoIP Settings" application. Choose VoIP services/m2m (or the name of your m2m account Internet profile.)

Click on "Profile Settings" and find "Allow VoIP over WCDMA" option and change it to "ON" This change allows VoIP over 3G connection on Nokia phones.

For better voice quality go to Codecs and delete all codecs except G729. There should be only G729 codec left under codecs setting

STEP 6

Reboot your phone. Once your phone is back on it will automatically register to M2m Voip.

Once it is registered you can start making calls.

Default call type: To switch between normal GSM calls or VOIP calls, navigate to Tools / Settings / Call / Default call type. Select Cellular to make normal calls to the phone number or Internet to use VoIP to call the number or address

Make Calls!

To dial any phone number that is part of the NANP (North American Numbering Plan), you must dial:

1 + Area Code + Phone number

To dial any phone number that is outside of the NANP (North American Numbering Plan), you must dial:

Country Code + City Code + Phone number

For example if you want to call Brazil (country code 55) phone number in Rio de Janeiro (city code 21) you must dial 5521 and phone number. + sign can also be used and number can be dialed as +5521xxxxxxx

Windows Mobile

Installation and Configuration

Download free VoIP Softphone PortSIP for Windows Mobile 5. Click the link below -

<http://www.mobile2mobile.com/portsipcabwm5.cab>

1.) Install the application for your windows mobile phone and open PortSIP



2.) Click on Re-register and enter the following;

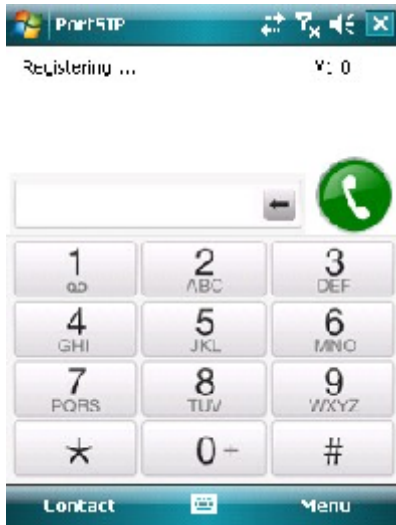
User Name: dummy (Instead of dummy account number example, use the account number assigned to you when signed up for m2m Voip service.)

Password: Enter the password that you chose when you signed up for the service.

SIP Server : 77.72.174.129

Port: 5060

Check "Remember my password" and "Sign me in automatically" and click on "Login" button.



Once you have everything configured correctly you will see the status on the main as "Registered" and you can make a call using your M2m Voip account. For international calls, dial 011 followed by the country code and phone number, then press the green button. For domestic U.S. calls, just dial 1 + the area code and number then the green button.

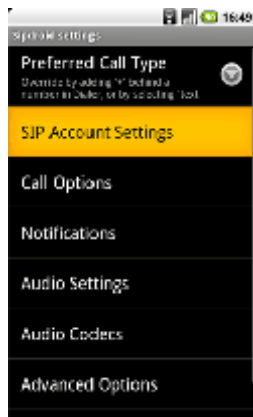
Android VoIP

Installation and Configuration for Android

Download free Android VoIP app Sipdroid clicking here -

<http://www.mobile2mobile.biz/Sipdroid-1.4.7.apk>

1.) Install the Sipdroid app for your Android phone, open the application and go to SIP Account Settings.



2.) Enter the following information;

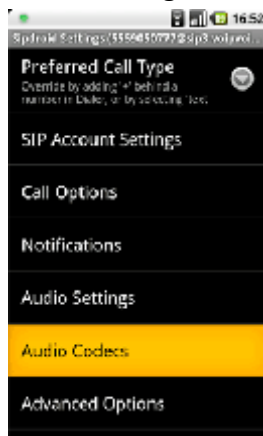
Authorization User Name: dummy (Instead of dummy account number example, use the account number assigned to you when signed up for M2m Voip service.)

Password: Enter the password that you chose when you signed up for the service.

Server : 77.72.174.129

Username / Caller ID: dummy (Instead of dummy account number example, use the account number assigned to you when signed up for M2m Voip service.)

Do not change other settings save settings and go to "Audio Codecs" settings.



Save Audio Codec settings as follows;



Once it is registered to M2m Voip servers you are ready to make calls;
For international calls, dial 011 followed by the country code and phone number, then press the green button. For domestic U.S. calls, just dial 1 + the area code and number then the green button.

Fring SIP Settings for voip configuration

Now you can enjoy crystal-clear phone calls over the Internet using any Nokia phone with symbian support.

If you have access to a WiFi or 3G connection, you can save money by using the Internet to connect your call instead of using your mobile phone minutes. No roaming or out-of-network fees. Make your calls from anywhere in the world to anywhere for just a few pennies a minute. Simple to configure, inexpensive to use.

Fring is a free mobile VoIP software, allows you to talk & IM via your handset's internet connection to other mobile phones and PC-based services with SIP providers such as M2m Voip, as well as Skype, MSN Messenger, ICQ, Google Talk at no extra cost.

NOTE: This configuration guide assumes that you have already signed up and downloaded the application from www.fring.com

Here you can find Fring SIP settings and voip setup configuration guide with M2m Voip service.

STEP 1

To add M2m Voip service navigate between the options using the up and down arrows on your handset. Choose SIP from the list (press your joystick in to select items in the list) and press Next using your right soft key.



STEP 2

When the following screen appears choose "Other" from the list.



STEP 3

The following screen appears;

Enter the following for Registrar Server settings

User ID: dummy (Instead of dummy account number example, use the account number assigned to you when signed up for M2m Voip service.) **Password:** Enter the password that you chose when you signed up for the service.

SIP proxy : sip3.m2m Voip.com

STEP 4

Once Fring is registered to make a SIP call:



1. Choose a contact in your address book and press Options using your left soft key.
2. From the Call submenu, choose SIP call. Your call is made using the M2m Voip account you have added.

Make Calls!

To dial any phone number that is part of the NANP (North American Numbering Plan), you must dial:

1 + Area Code + Phone number

To dial any phone number that is outside of the NANP (North American Numbering Plan), you must dial:

Country Code + City Code + Phone number

For example if you want to call Brazil (country code 55) phone number in Rio de Janeiro (city code 21) you must dial 5521 and phone number.

Phones Supported by Fring for Mobile VoIP calls

Some of the phones supported by Fring to make mobile VoIP calls are Nokia 6630, Nokia 6680, Nokia 6681, Nokia 6682, Nokia E60, Nokia E61, Nokia E61i, Nokia E65, Nokia E70, Nokia N70, Nokia N71, Nokia N72, Nokia N73, Nokia N75, Nokia N76, Nokia N77, Nokia N80, Nokia N90, Nokia N91, Nokia N92, Nokia N93, Nokia N95, Sony Ericsson P1i, Sony Ericsson P990i and virtually almost any other smybian supported device.

MOBILE2MOBILE CONFIGURATION FOR SIP CLIENT

Main sip server: 77.72.174.129 on port 5060 (standard)

Alternative sip server #1: 77.72.174.130 on port 6000

Alternative sip server #2: 77.72.174.131 on port 6000

Stun server #1: 77.72.174.160

Stun server #2: 77.72.174.162

If you have trouble registering your SIP device, you can also replace the @ with a * character. I.e. if your username is *user@provider* you can also use *user*provider* in your SIP settings. This might solve register problems for some SIP devices and SIP softphones.