

## Freedom Fone v2.S.4 - GSMopen channel for Mobigater or Huawei devices

By default Freedom Fone v2.S.4 supports GSMopen [listed Huawei USB GSM dongles](#) and the 2N OfficeRoute.

Follow these steps if you wish to use the GSMopen channel with a MobiGater **instead of** a Huawei device on Freedom Fone v2.S.4 (and v2.S.3dev). Note that you:

- cannot mix MobiGaters and Huawei dongles on the same server
  - cannot reliably connect multiple MobiGaters to the same server
  - CAN connect multiple Huawei dongles to the same server
1. Download onto your desktop the configuration file for the Mobigater from the following location [http://dev.freedomfone.org/browser/branches/3.0/mod\\_gsmopen/mobigater/mod\\_gsmopen.so](http://dev.freedomfone.org/browser/branches/3.0/mod_gsmopen/mobigater/mod_gsmopen.so)
  2. Open a terminal window to remove the existing *gsmopen.so* file by following these steps (do not type the # character):

```
#sudo su (press the [Enter] key)
```

Enter password "manguensis" (do not type in quotes)

After successfully entering the password proceed to execute the following command

```
#rm /usr/lib/freeswitch/mod/gsmopen.so
```

3. Then copy the file you downloaded onto your desktop to the correct location using this command:

```
#cp /home/manguensis/Desktop/gsmopen.so /usr/lib/freeswitch/mod/
```

**The command above assumes you have downloaded onto your desktop, change the command appropriately if you used another location!**

4. Locate the Huawei configuration file */opt/freeswitch/conf/autoload\_configs/gsmopen.conf.xml* and rename it to */opt/freeswitch/conf/autoload\_configs/gsmopen.conf.xml.huawei* as follows:

```
#cd /opt/freeswitch/conf/autoload_configs/gsmopen.conf.xml
```

```
#cp gsmopen.conf.xml gsmopen.conf.xml.huawei
```

5. Now rename the Mobigater configuration file */opt/freeswitch/conf/autoload\_configs/gsmopen.conf.xml.mobi* to *gsmopen.conf.xml*.

```
#cd /opt/freeswitch/conf/autoload_configs/
```

```
#cp gsmopen.conf.xml.mobi gsmopen.conf.xml
```

6. From the desktop open the FreeSWITCH terminal by clicking on the Freeswitch terminal icon (a white square with a spanner over it).

7. From the FreeSWITCH terminal enter the following commands:

```
#unload mod_gsmopen
```

After the command above you will see a lot of text scrolling on the screen. When the system stops displaying text to the screen, proceed to enter the command below:

```
#load mod_gsmopen
```

8. The above sequence of steps should successfully load the new libraries for the Mobigater allowing you to connect Mobigaters instead of Huawei dongles.

If you require to revert to the Huawei configuration repeat the steps outlined above but instead of downloading the Mobigater configuration in the first step, download the Huawei configuration from: [http://dev.freedomfone.org/browser/branches/3.0/mod\\_gsmopen/huawei/mod\\_gsmopen.so](http://dev.freedomfone.org/browser/branches/3.0/mod_gsmopen/huawei/mod_gsmopen.so)