Topex VoIP GSM Gateway

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Tested with:

Gigaset T300/T500 PRO: Software version 4.6.5.3 **Mobilink IP** Firmware version: Mobilink-IP-1.2.10-C1P-SDX

In this example we started with a default Mobilink Gateway where we added a SIM card and disabled the SIM PIN code as described in the Mobilink manual.

Settings in the Mobilink VolP GSM Gateway

Go to: Network - IP settings

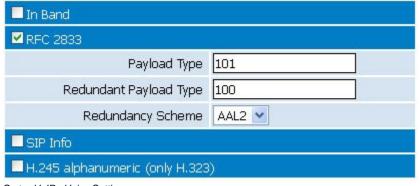
The Device should have a **fixed IP address**. Settings are dependent of the customers network.

IP Address	10.202.2.12
Subnet mask	255.255.255.0
Default Gateway	10.202.2.8
Preferred DNS Server	10.202.2.8
Alternate DNS Server	
Go to: VoIP - Codec Settings	
Codec Priority 1	G.711 a-law 🕶
Codec Priority 2	G.711 u-law 💌
Codec Priority 3	none
	none

G.711 u-law	20 💌
G.711 A-law	20 💌
G.723	20 💌
G.729	20 💌

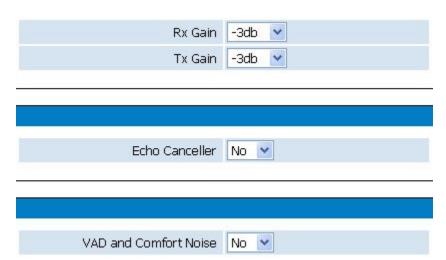
Go to: VoIP - DTMF Settings

Change the DTMF Setting to RFC2833



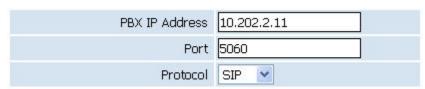
Go to: VoIP - Voice Settings

Gain can be adjusted dependent on the customers request



Go to: Call Control - Settings

Change the PBX IP address to the IP address of your Gigaset T300/T500



Go to: Call Control - Incoming Calls

Change the settings *Target*, this number is dialled when a GSM call is coming in. In the Gigaset T300 /T500, this is the external number that is configured and given to a user or a group.

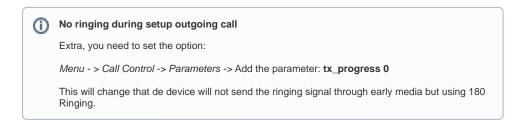
Go to: Call Control - Outgoing Calls

Go to: Local Users - SIP Users

Nr	Status	Interface	Mode	Target	Ignore	Limit	Action
1	Enable	mobile1	Target	1000700	00	00	<u>Edit</u>

Nr	Status	Prefix	Ignore	Limit	Interface	Action
1	Enable	0	00	0	mobile1	Edit Del

Nr	Status	Extension	Password	Outgoing Interface	Action	
1	Enable 💌	1000700	<sip password=""></sip>	mobile1 💌	Exit Del	



Settings in the Gigaset T300/T500

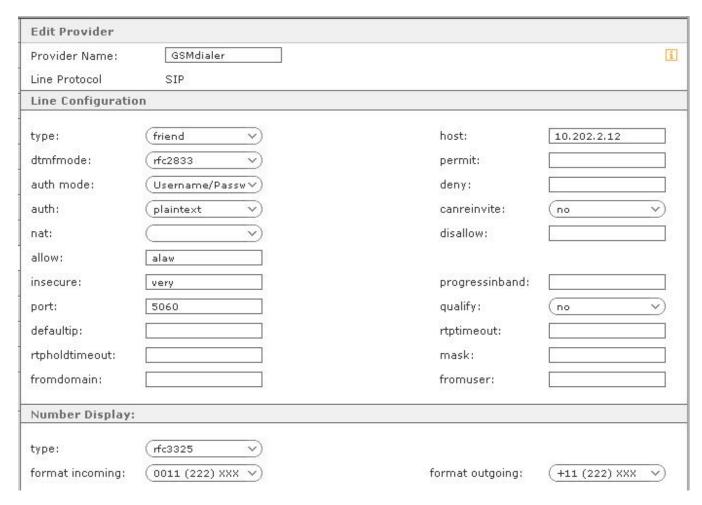


Go to: Configuration - Lines and Add a new line.

Authentication: Yes

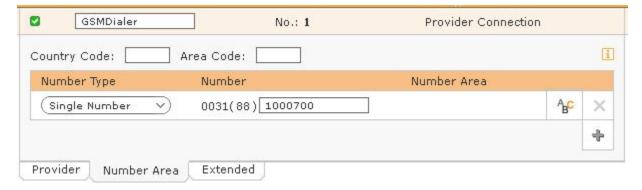
User Name: like defined in the Mobilink Gateway Local Users - Sip users Password: like defined in the Mobilink Gateway Local Users - Sip users

Provider: Create a new provider.

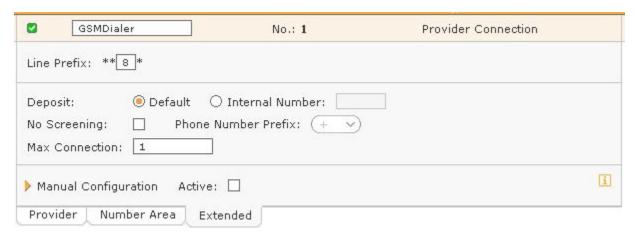


Use the above settings.

host: IP address of the Mobilink VoIP GSM gateway



Add here the same number as defined in the Mobilink Gateway Call Control - Incoming Calls



Change the Max Connection: to match the number of GSM channels in the Mobilink Gateway, in this example we only had one channel.

We also added a Line Prefix for testing purposes.



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