T440/T640 Simplecall Business

Simplecall Business

Feature	
Outgoing Calls	Yes
Incoming Calls	Yes
CLIP incoming	Yes
CLIP outgoing	Yes
Call Forwarding	Yes
Call Transfer	Yes
Call Waiting	Yes
DTMF	Yes
Anonymous Call	Yes
A-number forwarding	-



- Simplecall Business
  - Gigaset T440/T640 PRO settings.
  - Prerequisites
  - SIP Gateway
  - Gateway Group
  - Inbound Routes
  - Outbound Routes
  - sip.conf File

Important

If outbound CLI is required then from Version 1.0.1 only

Gigaset T440/T640 PRO settings.

When configuring a SIP trunk into the T640/440 you must complete the following settings:

1. Prerequisites
2. SIP Gateway
3. Gateway Group
4. Inbound Routes
5. Outbound Routes
6. Amend sip.conf file

Prerequisites

Simplecall SIP trunks are an IP authenticated connection.

This will require that the installation site has a permanent public IP address, and that the router with this address has port forwarded 5060 to the T640 /440.

SIP Gateway

The SIP Gateway are the settings to connect to your ISP, for Simplecall

The SIP Gateway setting can be found in Administration/Routes/SIP gateways

Title

Information only, enter Simplecall

Name

Created by the T640/440

Registar

The IP address of Simplecall = 91.146.112.10

Proxy

Not needed

User

IP authenticated account therefore N/A

Password

IP authenticated account therefore N/A

Allow outbound calls

Enable, assuming you wish to dial out.

Register

IP authenticated account therefore off

Language

en - English(en-US)

Dial command

SIP/{prefix}{number:1}@{gateway}

Remove {prefix} if no prefix is configured in Outbound routes

Remove :1 if no trunk access digit is configured in Outbound routes

Source of Destination number

INVITE request line

Group

Gateway group configured for this account

Port

5060

NAT

yes

Redirect RTP stream

Do not reroute RTP stream

Check availability

Off

Simultaneous calls

set to limit the number of calls, 0 = unlimited

DTFM mode

rfc2833-RTP meta data

From user

If you wish to send anonymous CLI, set this option to anonymous.

This is a global setting and cannot be turned off/on on a per user basis

From Domain

The dedicated Public IP address the account has been allocated to.

T38 support

On

Insecure

no - deactivated

Update remote part ID (CLIP)

Use P-Asserted-Identity header

Simplecall also authenticate on your CLI via the P-Asserted-ID

Trust remote party ID

no - deactivated

Codecs

Select your requirements

Allowed IP subnet

Simplecall's IP address 91.146.112.10/0

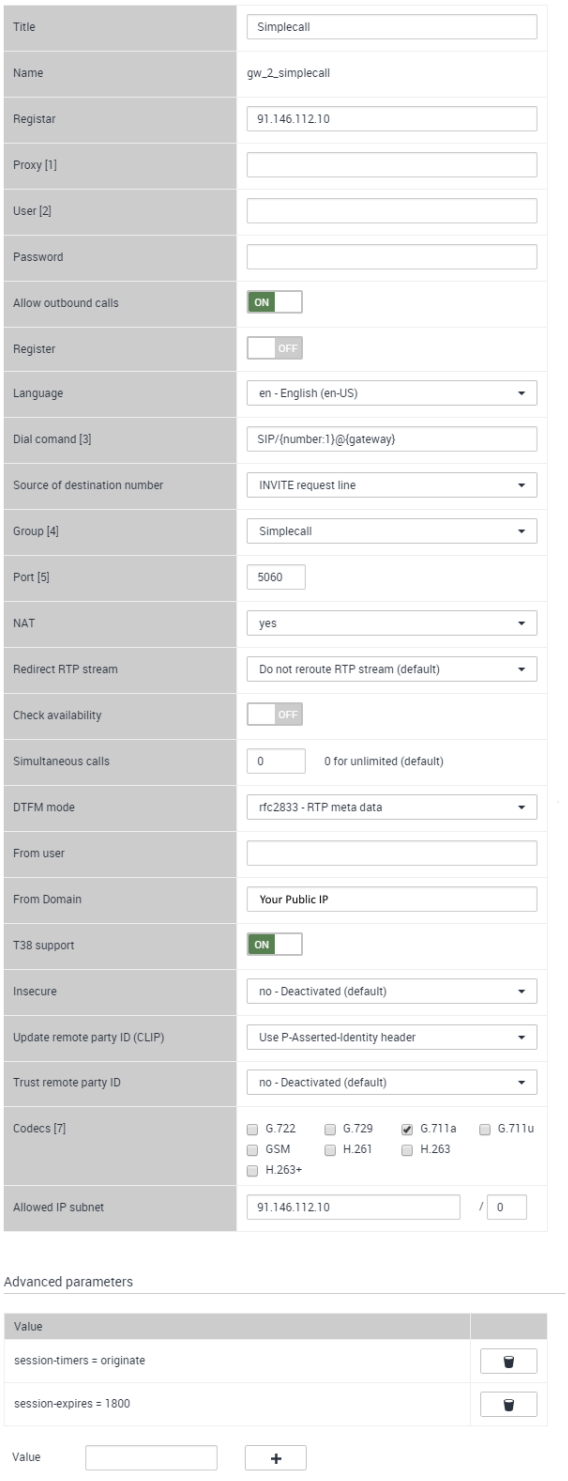
Always limit this setting to your ISP's IP address

Advanced Parameters

Simple call requires a session timer for calls longer than 30 minutes.

session-timers = originate

session-expires = 1800



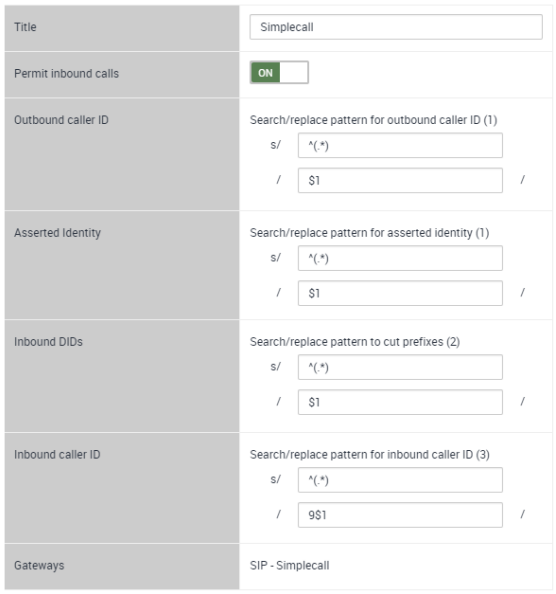
Gateway Group

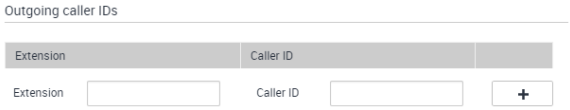
The Gateway group amends the inbound/outbound CLI and number received.

For inbound calls the Gateway group receives the call from the SIP gateway

For outbound calls the Gateway group receives the call from the Outbound routes

The Gateway group setting can be found in Administration/Routes /Gateway groups





Title

Information only, enter Simplecall

Permit inbound calls

Enable, assuming you wish to receive calls

Outbound caller ID

Whatever you receive you wish to send, therefore

S/ ^(.*) / $1 /

Asserted Identity

Whatever you receive you wish to send, therefore

S/ ^(.*) / $1 /

Inbound DIDs

Whatever you receive you wish to send, therefore

S/ ^(.*) / $1 /

Inbound caller ID

Whatever you receive you wish to send, therefore

S/ ^(.*) / $1 /

If you are using a trunk access code insert it here for redial access on the handsets.

For example if you dial 9 for an outside line:

S/ ^(.*) / 9$1 /

Gateways

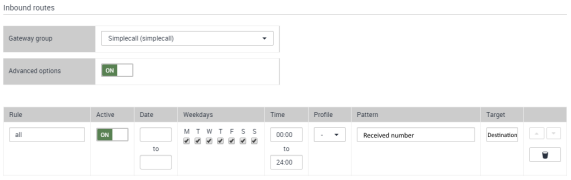
The Simplecall SIP gateway allocated to this Gateway group

Outgoing caller IDs

Set the specific CLI for each extension here

Inbound Routes

The inbound routes maps the the DDI number you receive to a destination within the T640/440



The Inbound route setting can be found in Administration/Routes /Inbound routes

Gateway Group

Which Gateway group you wish to configure, select Simplecall

Advanced options

Enable to see all options

Rule

Information only, name for this inbound route

Active

Displays if rule is active.

Route can be turned off/on

Date

Date range for rule to be active

Weekdays

Day of week for rule to be active

Time

Time for rule to be active

Profile

Which profile is the rule active

Pattern

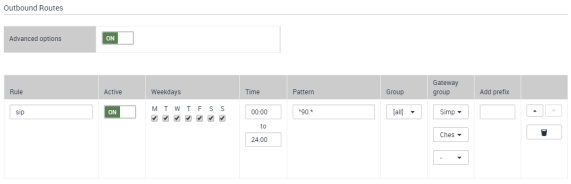
The DDI number you have been sent from the ISP.

For Simplecall this will be the full number beginning with 0

Target

The Extension number of the user/ Hunt Group/ Queue/ IVR you wish to route the call to.

Outbound Routes



The outbound routes match the digits you dial to an external trunk.

The Outbound routes setting can be found in Administration/Routes /Outbound routes

Advanced Options

Enable to see all options

Rule

Information only, name for this outbound route

Active

Enable/Disable rule

Weekdays

Select which day the rule is active

Time

Select what time the rule is active

Pattern

The number dialed

For example all numbers beginning with 0:

^0.*

For trunk access of 9:

^90.*

Group

Permission group allocated to this rule

Gateway Group

The Gateway group for the call to be presented to up to a maximum of three.

Add Prefix

Digits to add to the number dialed (local STD), this will be inserted in the SIP gateway dial command if it has {prefix}

sip.conf File

For correct operation with Simplecall the sip.conf file needs additional confuguration

The sip.conf file can be found:

opt/galilei/etc/asterisk/

Under the [general] insert:

externip=<the public IP address>

localnet=<x.x.x.x/x> the local subnet for example localnet=192.168.1.0 /24

This amends the SDP message contact information to be the public address for all traffic apart from traffic to the localnet setting

Once you have amended the file either reboot the T640/440 or use the Asterisk CLI and the reload command



This is a global setting and will effect all SIP gateways