



Gigaset N300IP op een IP Office

In dit document wordt uitgelegd hoe een Gigaset N300IP kan worden aangesloten op een IP Office.

Er is getest met software versie 5.0.8

Alle lagere versies ondersteunen geen sip endpoints.

Om een sip endpoint te kunnen aansluiten moet er een licentie zijn voor een 3th party ip endpoint.

Het programmeren van de IP Office gaat als volgt:

Maak een nieuwe gebruiker aan en geef deze een naam en toestel nummer.

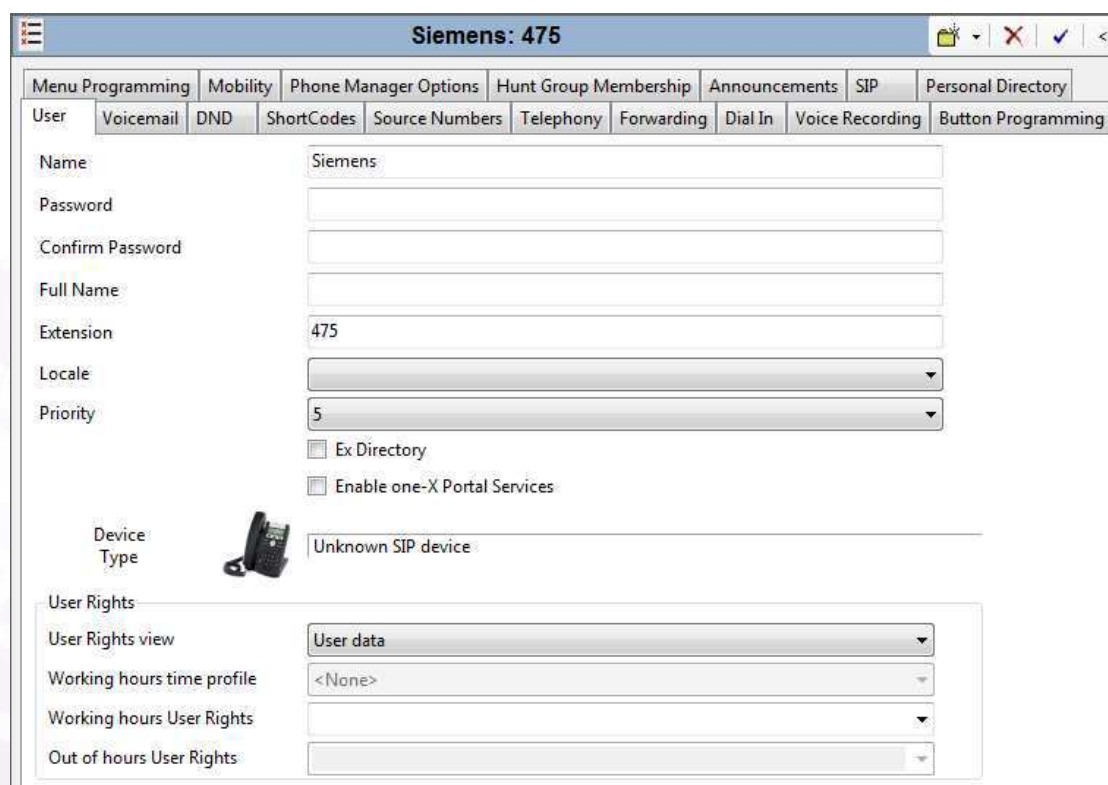
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The screenshot shows the 'Siemens: 475' configuration window. It features a top navigation bar with tabs for Menu Programming, Mobility, Phone Manager Options, Hunt Group Membership, Announcements, SIP, and Personal Directory. Below this is a sub-menu for 'User' with various options like Voicemail, DND, ShortCodes, Source Numbers, Telephony, Forwarding, Dial In, Voice Recording, and Button Programming. The main form contains fields for Name (Siemens), Password, Confirm Password, Full Name, Extension (475), Locale (dropdown), and Priority (5). There are checkboxes for 'Ex Directory' and 'Enable one-X Portal Services'. A 'Device Type' section shows a telephone icon and the text 'Unknown SIP device'. At the bottom, there is a 'User Rights' section with dropdown menus for 'User Rights view' (User data), 'Working hours time profile' (<None>), 'Working hours User Rights', and 'Out of hours User Rights'.

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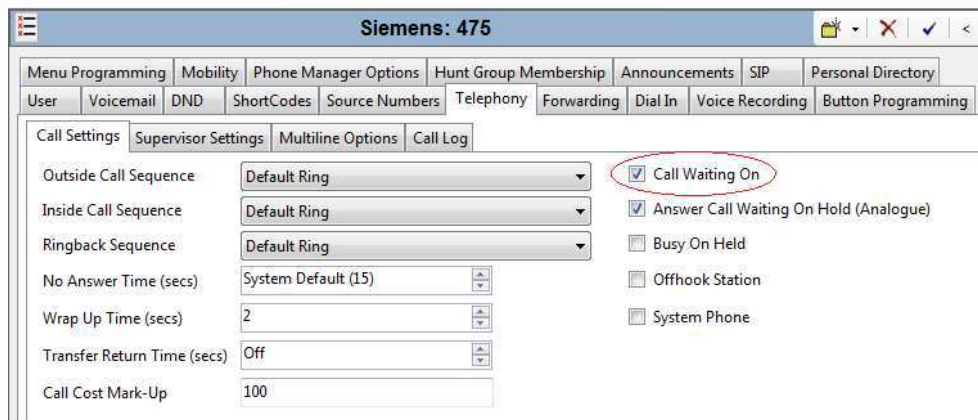
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Zorg dat "Call waiting" aan staat.
Dit is nodig om gesprekken te kunnen doorverbinden.



Siemens: 475

Menu Programming | Mobility | Phone Manager Options | Hunt Group Membership | Announcements | SIP | Personal Directory

User | Voicemail | DND | ShortCodes | Source Numbers | Telephony | Forwarding | Dial In | Voice Recording | Button Programming

Call Settings | Supervisor Settings | Multiline Options | Call Log

Outside Call Sequence: Default Ring Call Waiting On

Inside Call Sequence: Default Ring Answer Call Waiting On Hold (Analogue)

Ringback Sequence: Default Ring Busy On Held

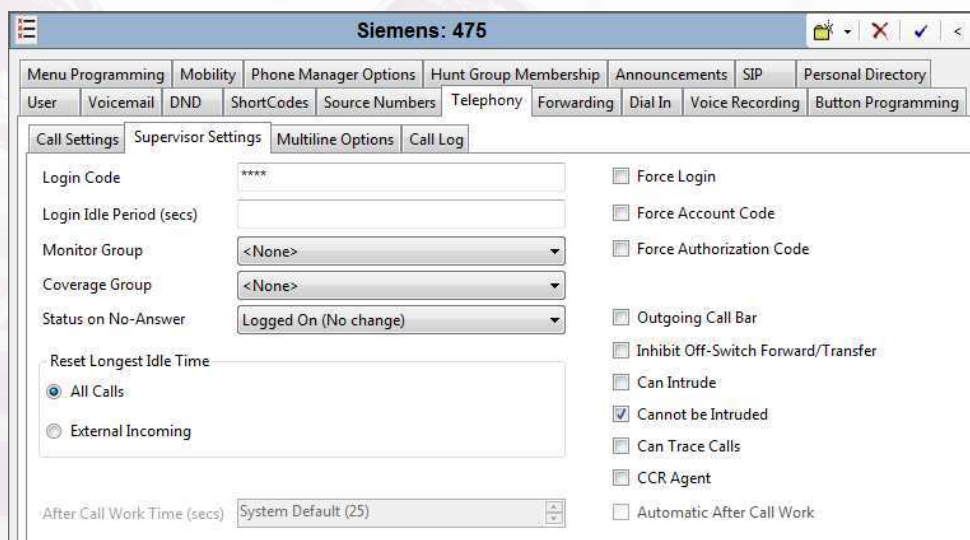
No Answer Time (secs): System Default (15) Offhook Station

Wrap Up Time (secs): 2 System Phone

Transfer Return Time (secs): Off

Call Cost Mark-Up: 100

Geef de gebruikers een login code.



Siemens: 475

Menu Programming | Mobility | Phone Manager Options | Hunt Group Membership | Announcements | SIP | Personal Directory

User | Voicemail | DND | ShortCodes | Source Numbers | Telephony | Forwarding | Dial In | Voice Recording | Button Programming

Call Settings | Supervisor Settings | Multiline Options | Call Log

Login Code: **** Force Login

Login Idle Period (secs): Force Account Code

Monitor Group: <None> Force Authorization Code

Coverage Group: <None>

Status on No-Answer: Logged On (No change) Outgoing Call Bar

Reset Longest Idle Time: All Calls Inhibit Off-Switch Forward/Transfer

External Incoming Can Intrude

Can Trace Calls

After Call Work Time (secs): System Default (25) CCR Agent

Automatic After Call Work



Daarna bevestigen door op OK te klikken.
Dan wordt er gevraagd of er een toestel hiervoor aangemaakt moet worden.
Kies dan voor een Sip toestel.

Avaya IP Office Manager

Wilt u dat er een nieuw VoIP-toestel met dit nummer wordt gecreëerd?

Geen

Toestel H323

SIP-toestel

OK

Het configureren van de Gigaset N300IP gaat als volgt.
Browse naar het ipadres dat de N300IP heeft gekregen via DHCP.
Log dan in met het paswoord 0000

Login

Welcome

You can use this interface to administer your device. For your security, the configuration program is protected with the system pin.

Language for menus and dialogs

English

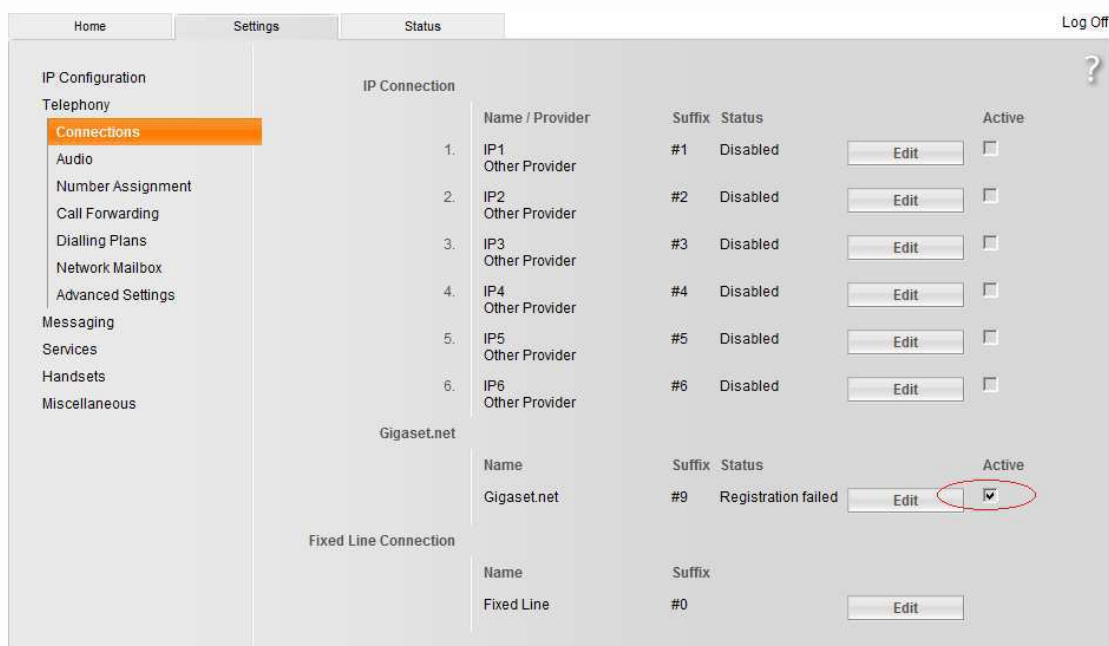
Please enter your system pin

**** OK

Dan vervolgens naar "IP Configuration" om eventueel een vast IP-adres in te geven.

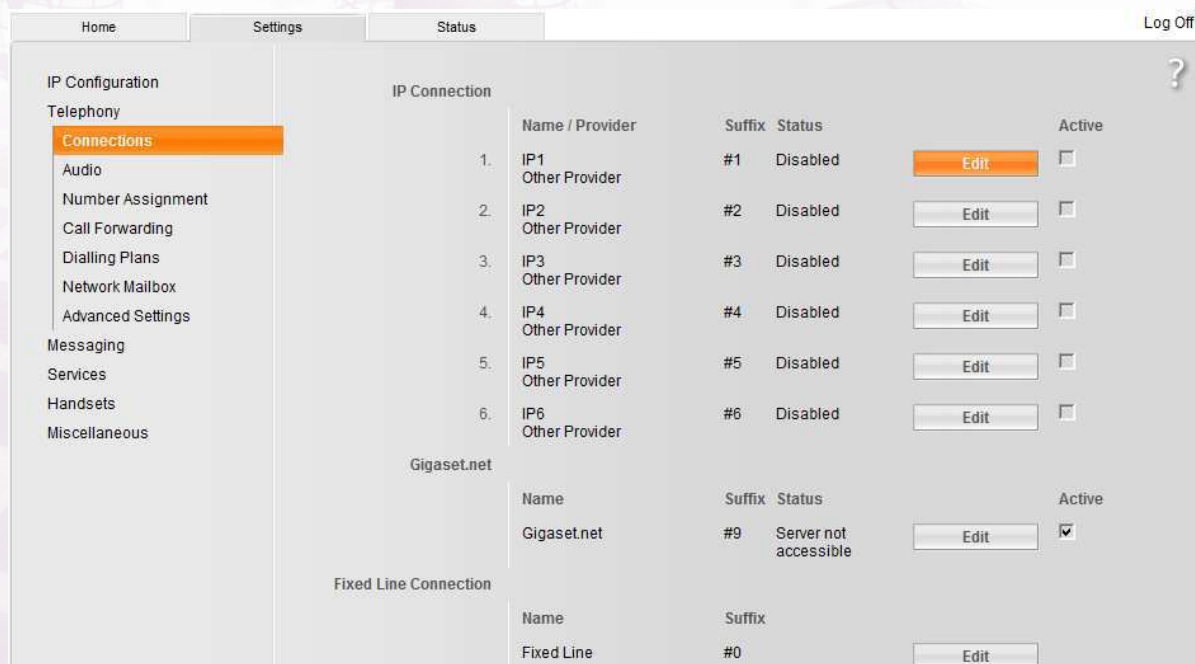


Kies daarna voor "Telephony" en dan "Connections" en klik bij "Gigaset.net" op "Active" om deze uit te zetten.



IP Configuration		IP Connection				Log Off	
Telephony		Name / Provider	Suffix	Status	Active		
Connections		1. IP1 Other Provider	#1	Disabled	<input type="checkbox"/>		
Audio		2. IP2 Other Provider	#2	Disabled	<input type="checkbox"/>		
Number Assignment		3. IP3 Other Provider	#3	Disabled	<input type="checkbox"/>		
Call Forwarding		4. IP4 Other Provider	#4	Disabled	<input type="checkbox"/>		
Dialling Plans		5. IP5 Other Provider	#5	Disabled	<input type="checkbox"/>		
Network Mailbox		6. IP6 Other Provider	#6	Disabled	<input type="checkbox"/>		
Advanced Settings							
Messaging							
Services							
Handsets							
Miscellaneous							
		Gigaset.net		Name	Suffix	Status	Active
				Gigaset.net	#9	Registration failed	<input checked="" type="checkbox"/>
		Fixed Line Connection		Name	Suffix		
				Fixed Line	#0		

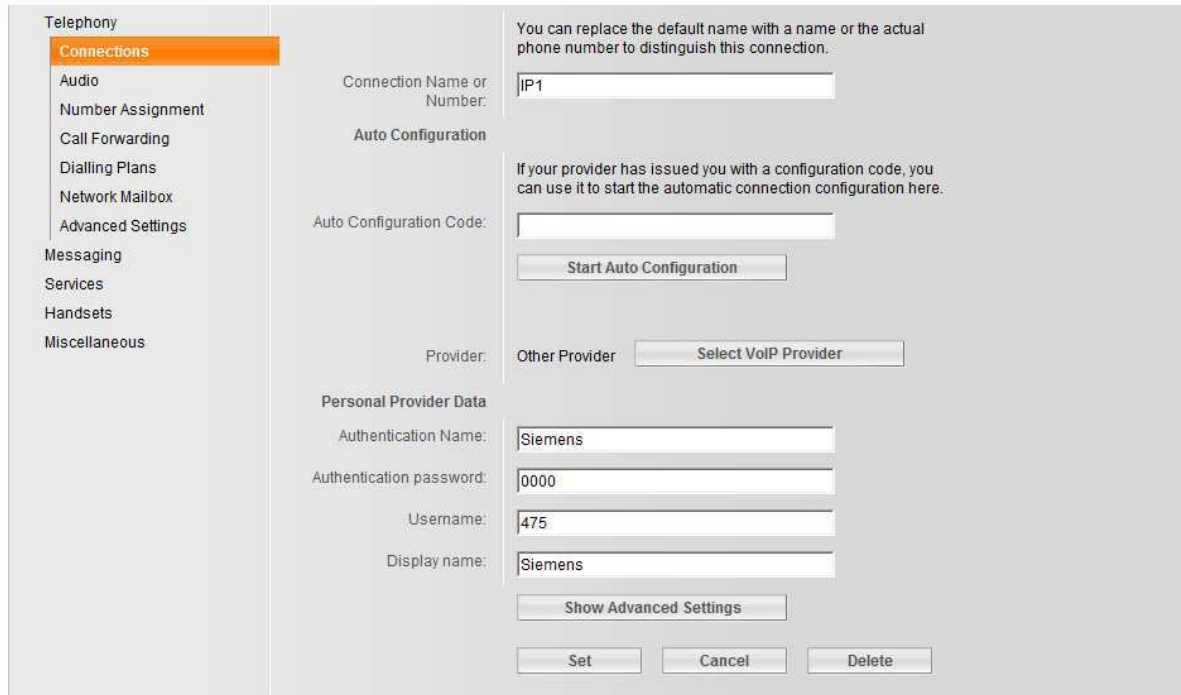
Klik vervolgens op "Edit" bij "IP1" om de N300IP aan te kunnen melden op de IP Office.



IP Configuration		IP Connection				Log Off	
Telephony		Name / Provider	Suffix	Status	Active		
Connections		1. IP1 Other Provider	#1	Disabled	<input type="checkbox"/>		
Audio		2. IP2 Other Provider	#2	Disabled	<input type="checkbox"/>		
Number Assignment		3. IP3 Other Provider	#3	Disabled	<input type="checkbox"/>		
Call Forwarding		4. IP4 Other Provider	#4	Disabled	<input type="checkbox"/>		
Dialling Plans		5. IP5 Other Provider	#5	Disabled	<input type="checkbox"/>		
Network Mailbox		6. IP6 Other Provider	#6	Disabled	<input type="checkbox"/>		
Advanced Settings							
Messaging							
Services							
Handsets							
Miscellaneous							
		Gigaset.net		Name	Suffix	Status	Active
				Gigaset.net	#9	Server not accessible	<input checked="" type="checkbox"/>
		Fixed Line Connection		Name	Suffix		
				Fixed Line	#0		



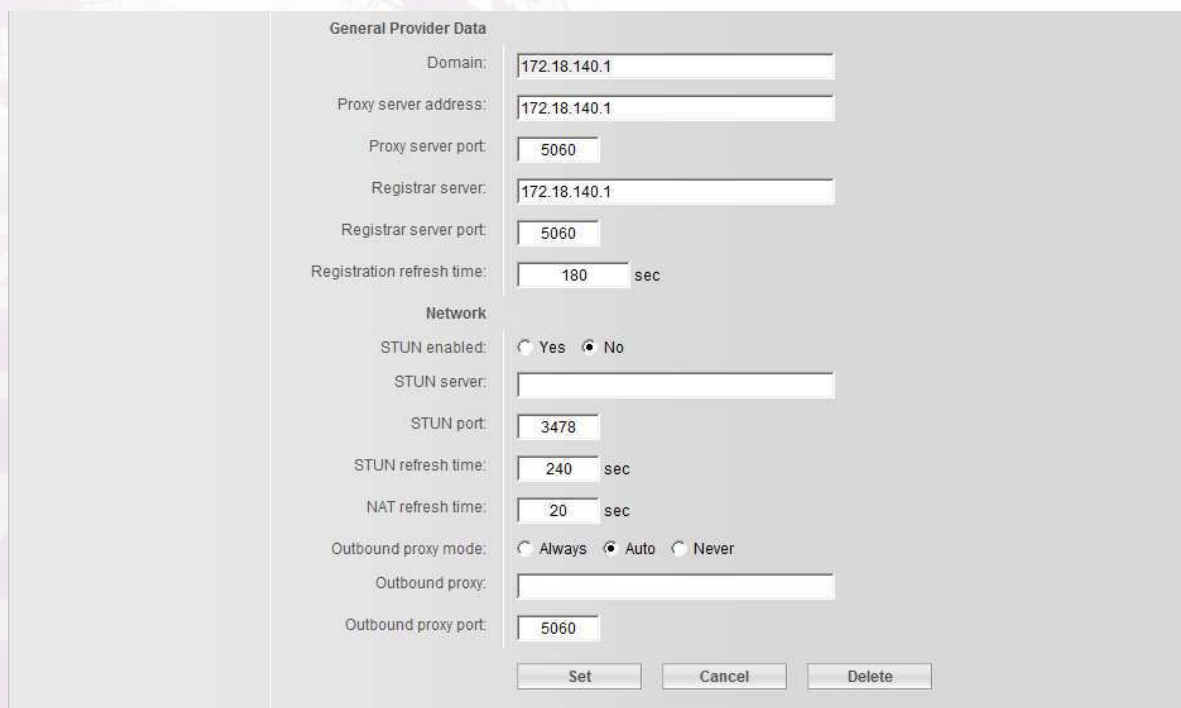
Maak daarna de gebruiker aan die ook in de IP Office is geconfigureerd.



The screenshot shows the 'Connections' configuration page in IP Office. The left sidebar lists various telephony and messaging options. The main area is titled 'Connections' and contains the following fields and options:

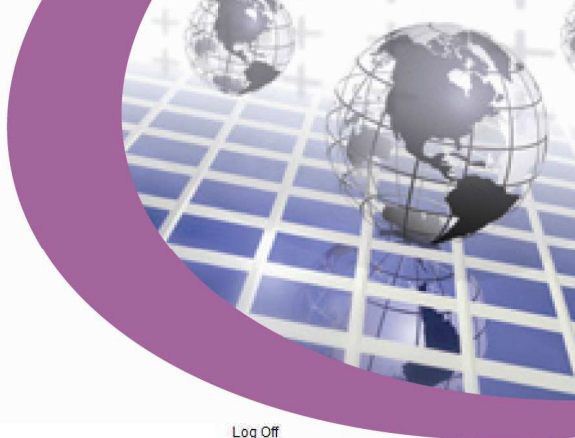
- Connection Name or Number:** A text box containing 'IP1'. A note above it says: "You can replace the default name with a name or the actual phone number to distinguish this connection."
- Auto Configuration:** A section with a note: "If your provider has issued you with a configuration code, you can use it to start the automatic connection configuration here." Below this is an empty text box for the 'Auto Configuration Code' and a 'Start Auto Configuration' button.
- Provider:** A dropdown menu set to 'Other Provider' with a 'Select VoIP Provider' button next to it.
- Personal Provider Data:** A section with several text boxes:
 - Authentication Name:** 'Siemens'
 - Authentication password:** '0000'
 - Username:** '475'
 - Display name:** 'Siemens'
- Buttons: 'Show Advanced Settings', 'Set', 'Cancel', and 'Delete'.

Klik daarna op "Advanced settings" en vul de gegevens in die nodig zijn om de registreren op de IP Office.

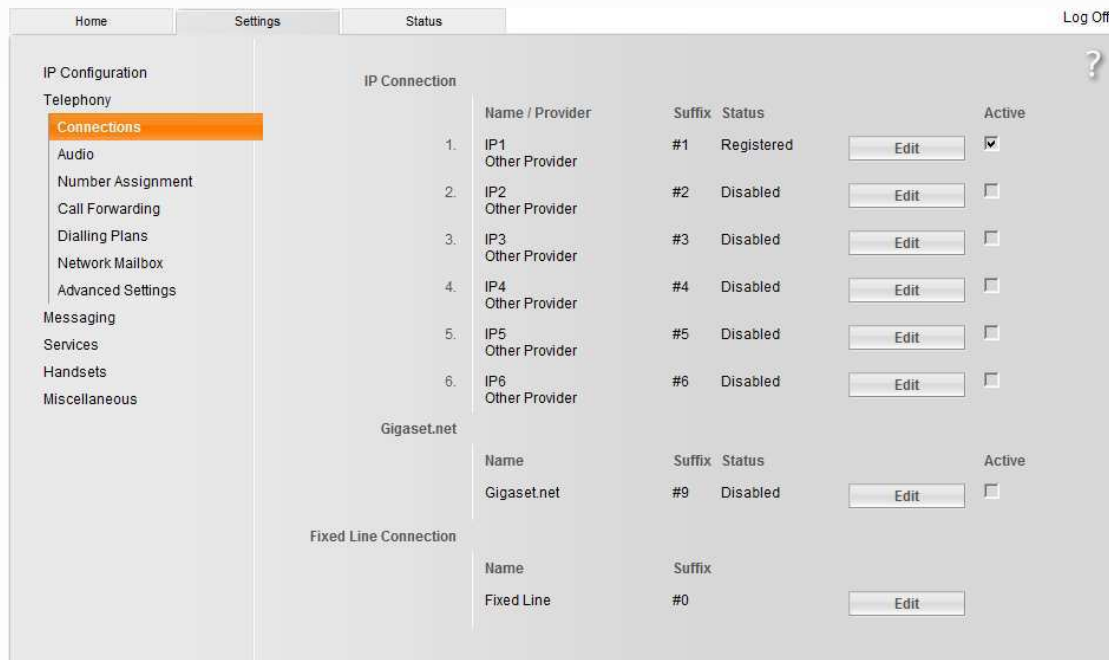


The screenshot shows the 'Advanced settings' configuration page in IP Office. The left sidebar lists various telephony and messaging options. The main area is titled 'General Provider Data' and contains the following fields and options:

- General Provider Data:**
 - Domain:** '172.18.140.1'
 - Proxy server address:** '172.18.140.1'
 - Proxy server port:** '5060'
 - Registrar server:** '172.18.140.1'
 - Registrar server port:** '5060'
 - Registration refresh time:** '180' sec
- Network:**
 - STUN enabled:** Radio buttons for 'Yes' and 'No', with 'No' selected.
 - STUN server:** An empty text box.
 - STUN port:** '3478'
 - STUN refresh time:** '240' sec
 - NAT refresh time:** '20' sec
 - Outbound proxy mode:** Radio buttons for 'Always', 'Auto', and 'Never', with 'Auto' selected.
 - Outbound proxy:** An empty text box.
 - Outbound proxy port:** '5060'
- Buttons: 'Set', 'Cancel', and 'Delete'.



Daarna zal de N300IP geregistreerd zijn op de IP Office.

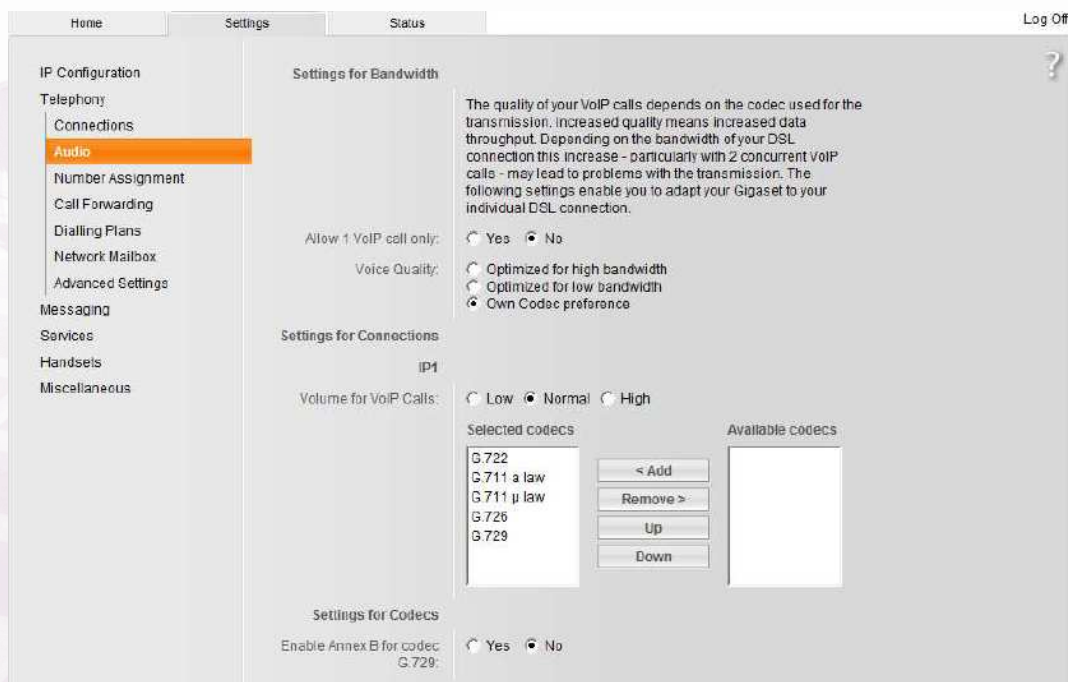


Name / Provider	Suffix	Status	Active
1. IP1 Other Provider	#1	Registered	<input checked="" type="checkbox"/>
2. IP2 Other Provider	#2	Disabled	<input type="checkbox"/>
3. IP3 Other Provider	#3	Disabled	<input type="checkbox"/>
4. IP4 Other Provider	#4	Disabled	<input type="checkbox"/>
5. IP5 Other Provider	#5	Disabled	<input type="checkbox"/>
6. IP6 Other Provider	#6	Disabled	<input type="checkbox"/>

Name	Suffix	Status	Active
Gigaset.net	#9	Disabled	<input type="checkbox"/>

Name	Suffix	Active
Fixed Line	#0	<input type="checkbox"/>

Ga daarna naar "Audio" om eventueel de codec aan te passen.



The quality of your VoIP calls depends on the codec used for the transmission. Increased quality means increased data throughput. Depending on the bandwidth of your DSL connection this increase - particularly with 2 concurrent VoIP calls - may lead to problems with the transmission. The following settings enable you to adapt your Gigaset to your individual DSL connection.

Allow 1 VoIP call only: Yes No

Voice Quality: Optimized for high bandwidth Optimized for low bandwidth Own Codec preference

Settings for Connections

IP1

Volume for VoIP Calls: Low Normal High

Selected codecs	Available codecs
G.722 G.711 a law G.711 μ law G.726 G.729	

Settings for Codecs

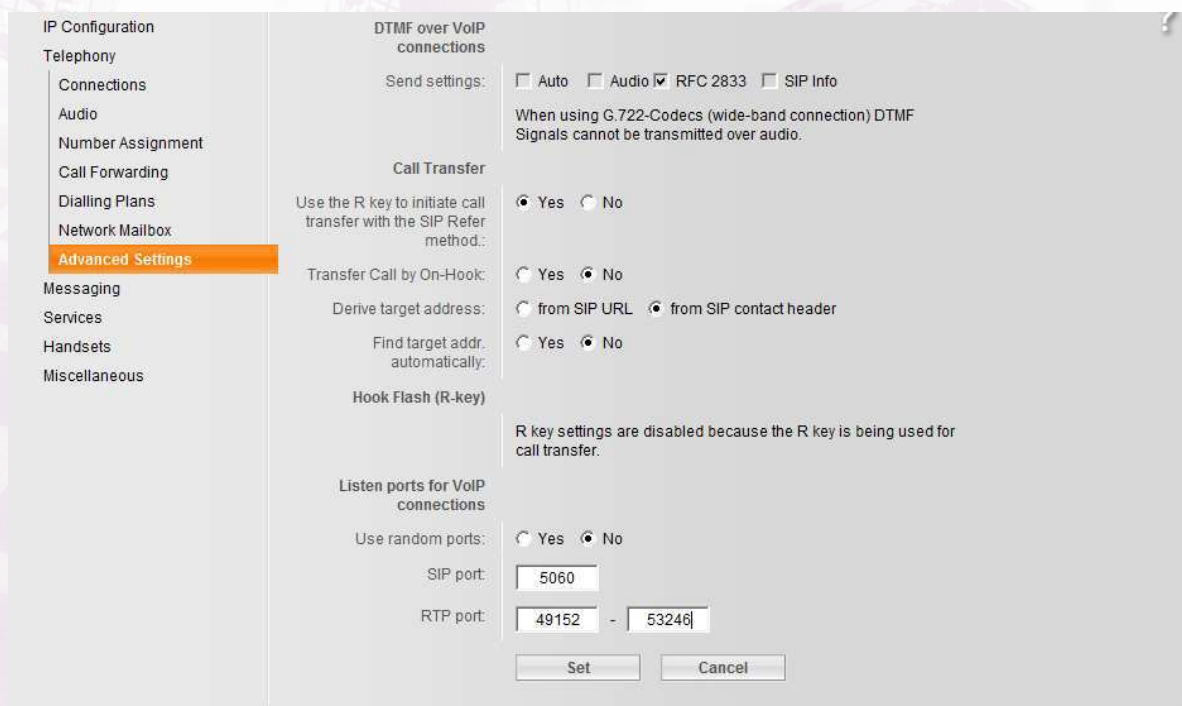
Enable Annex B for codec G.729: Yes No



Daarna moet er nog DTMF over VOIP geconfigureerd worden.
Klik op "Auto" om deze uit te zetten en klik vervolgens op "RFC2833"



Bevestig dit door op "Set" te klikken en stel vervolgens de RTP poort nummer is zodat deze kloppen met de IP Office.





Daarna kan er nog gecontroleerd worden met monitor of de N300IP is geregistreerd met de IP Office.

Extn Num	IP Address	Transport	User Agent	SIP O...	Status
455	172.18.140.116	UDP	Avaya one-X Deskphone	R	SIP: Registered
475	172.18.140.125	UDP	C475IP 022130000503	R	SIP: Registered

Indien u meer informatie wenst, nodigen wij u graag uit om contact met ons op te nemen.

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