

Introduktion

Formålet med dette dokument er at beskrive konfigurationen af et N720 Multi celle system på TDC Scale platformen, og forudsætter at Site survey er udført, DECT baser er opsat, tilsluttet og konfigureret i DECT Manager.

Provider / PBX Information:

Provider or PBX Name:	TDC – Scale
Platform used:	Broadsoft - BroadWorks
Software version of Platform / PBX	420524499

Opsætning af bruger på TDC Scale

Først oprettes en bruger i Selvbetjening Erhverv på normal vis. Som terminaltype vælges: **Mobiler og andre apparater**.

Efter oprettelsen vælges brugeren i bruger-listen og der vælges **Terminal** fanebladet
→ **Gå til terminalopsætning**.

Vælg **Angiv Manuelt adgangskode** og indtast en selvvalgt kode 2 gange. Denne kode skal benyttes under terminalopsætningen.

Opsætning af N720 DM

- 1) I en webbrowser gå til N720 DM's ip adresse.

Hvis ikke IP kendes, er der flere muligheder for at detektere ip adressen:

- a) Man kan forsøge at bruge denne side : <http://gigaset-config.com/myDevice/>
- b) logge ind på DHCP serveren og se hvilken IP der er blevet tildelt.
- c) alternativt kan et program som scanner lokalnettet for ip adresser benyttes evt: <https://nmap.org/download.html>
- d) Wireshark – kan køres på en computer på netværket, imens at DM starter op vil den sende 4 SIP multicast pakker ud, hvori man kan aflæse IP adressen.

e) Gå til "VoIP Providers" menuen.

Gigaset N720-DM-PRO Log off

Settings Status

- ▶ Network and Connections
- ▶ **VoIP Providers**
- ▶ Mobile Devices
- ▶ Telephony
- ▶ Info Services
- ▶ Online Directories
- ▶ Management

List of VoIP Providers ?

Name	Domain	
1. IP1	Not configured	Edit
2. IP2	Not configured	Edit
3. IP3	Not configured	Edit
4. IP4	Not configured	Edit
5. IP5	Not configured	Edit
6. IP6	Not configured	Edit
7. IP7	Not configured	Edit
8. IP8	Not configured	Edit
9. IP9	Not configured	Edit
10. IP10	Not configured	Edit

Udfør IP1, tryk på Edit.

- f) For at konfigurere de generelle SIP indstillinger for Scale platformen, indtast oplysninger som nedenfor.

Gigaset N720-DM-PRO

Settings | Status

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VoIP Provider 1

Profile Download

Provider: TDC Scale

Profile version: []

Select VoIP provider

General Data of your Service Provider

Domain: vkxxx.hvoip.dk

Proxy server address: 87.48.131.54

Proxy server port: 5060

Registration server: 87.48.131.54

Registration server port: 5060

Registration refresh time: 1800 sec

Network Data of your Service Provider

STUN enabled: Yes No

STUN server address: []

STUN server port: 3478

STUN refresh time: 240 sec

NAT refresh time: 20 sec

Outbound proxy mode: Always Automatic Never

Outbound server address: []

Outbound proxy port: 5060

Network Protocol

Select protocol: Automatic UDP only TCP only

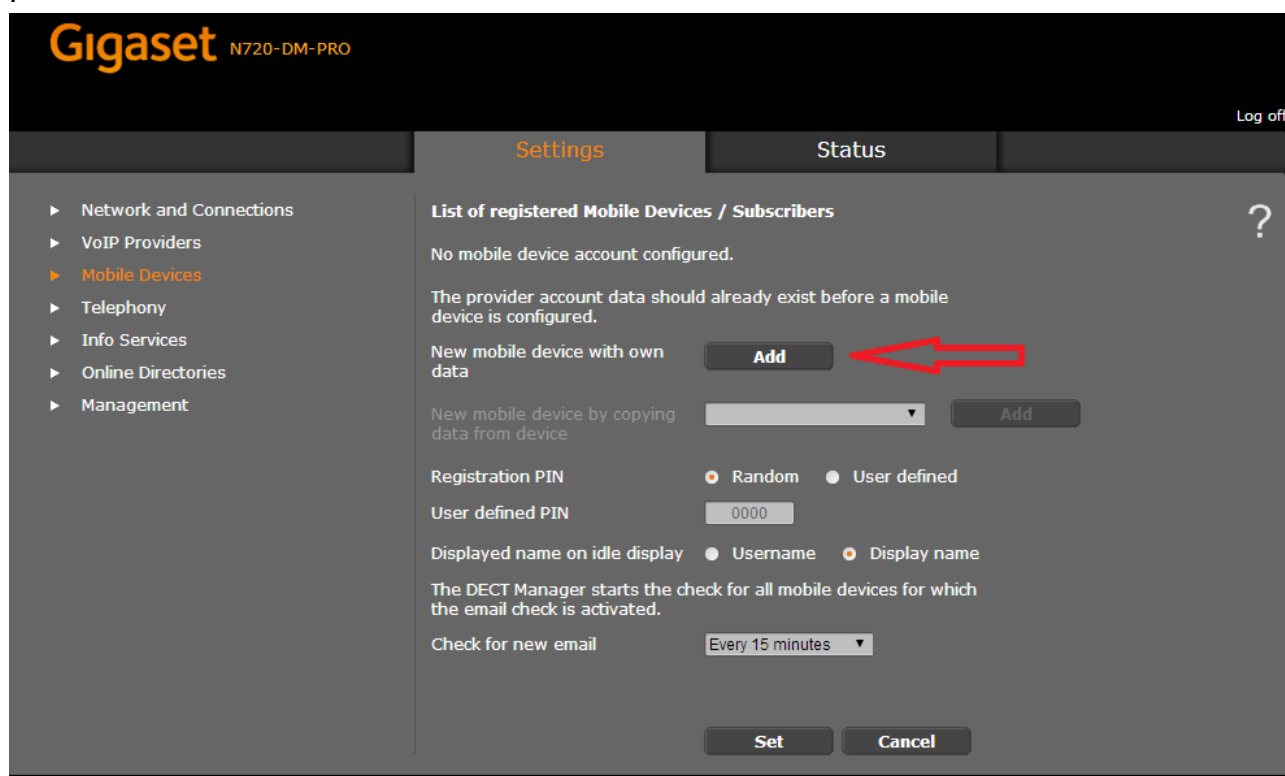
Set **Cancel** **Delete**

VoIP Provider Indstillinger:

Provider	Valgfrit navn til platformen, evt. "TDC Scale"
Domain	"vkxxx.hvoip.dk"
Proxy server address	87.48.131.54
Proxy server port	5060
Registration server	87.48.131.54
Registration server port	5060
Registration refresh time	1800

Konfiguration af Mobile devices (første lokalnummer):

- g) Tryk på Mobile devices.
- h) Tryk på Add udfor **New mobile device with own data.**



- i) Indtast oplysninger om konti som nedenfor i tabellen samt på billedet på næste side.

Bruger konti (Mobile devices) Indstillinger:

<u>Gigaset N720 Parameter</u>	<u>TDC Scale Parameter</u>
Authentication name (indtastes UDEN @vk123456.hvoip.dk dvs. Kun navnet foran @) Eks: michael	Authentication name Eks: michael@vk123456.hvoip.dk
Authentication Password	Password
Username (indtastes UDEN @vk123456.hvoip.dk dvs. Kun navnet foran @)	Authentication name Eks:michael@vk123456.hvoip.dk

Gigaset N720-DM-PRO Log off

Settings Status

- ▶ Network and Connections
- ▶ VoIP Providers
- ▶ **Mobile Devices**
- ▶ Telephony
- ▶ Info Services
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- ▶ Management

Mobile device 1 ?

No handset registered.

Register mobile device for this SIP connection **Start registration**

Personal Provider Data

A separate SIP connection must be assigned to each handset.

Authentication name:

Authentication password:

Username:

Display name:

Select VoIP provider:

Hide advanced settings

Online Directories

You can decide which directory will be opened by directory key and INT key on the handset. An online directory can be selected for automatic name search.

Directory for direct access:

Corporate directory for INT key:

Automatic look-up:

LDAP Authentication

To authenticate mobile devices individually, activate this function in online directory settings.

Use personal provider data (SIP):

Password:

Network Mailbox Configuration

Call number or SIP name (URI):

Activate network mailbox: Yes No

Apply changes for all SIP connections: **OK**

Settings for Codecs

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

Buttons: < Add, Remove >, Up, Down

Apply codec changes for all mobile devices: **OK**

Export and import local Directory

No handset registered.

Call Manager

Accept calls directly via Call Manager: via headset, via handsfree, No

Email

Authentication name:

Authentication password:

POP3 server:

POP3 server port:

Check for new email: Yes No

Secure connection (TLS): Yes No

Apply email settings for all mobile devices: **OK**

Missed Calls and Alarms

Missed/accepted calls count:

Flashing LED (MWI) for missed calls:

Flashing LED (MWI) for missed alarms:

Flashing LED (MWI) for network mailbox:

Apply settings for all mobile devices: **OK**

Set **Cancel**

- j) Konfigurer derefter følgende indstillinger :
- Network mailbox configuration, Call number or SIP name (URI): ***62**
 - Activate network mailbox : Yes
 - Selected Codecs: G.722, G.711 a-law (marker og fjern resten)
- k) I toppen af billedet tryk på "Start Registration" og registrer DECT håndsæt (NB!
DECT baser skal være registreret og være "Active and synced" før dette er muligt).

Konfiguration af Mobile devices (Næste lokalnummer):

- l) Tryk på Mobile devices endnu engang.
- m) Vælg : **Create new mobile device by copying data from device: (vælg det netop konfigurerede lokalnummer).**
- n) Indtast oplysninger om konti som nedenfor og tryk på "Start Registration".

Bruger konti (Mobile devices) Indstillinger:

Gigaset N720 Parameter	TDC Scale Parameter
Authentication name (indtastes UDEN @vk123456.hvoip.dk dvs. Kun navnet foran @)	Authentication name Eks: michael@vk123456.hvoip.dk
Authentication Password	Password
Username	Name

Ændring af generelle indstillinger og opdatering af firmware:

o) Firmware opdateres til seneste version (25/05-2014 er dette Rel85):

Management → Firmware Update: Update firmware (dette kræver adgang til internettet fra DECT systemet).

Gigaset N720-DM-PRO Log off

Settings Status

Settings for Firmware Update and Downgrade ?

Current firmware version of DECT Manager: 70.089.00.000.00

Firmware status of base stations is shown on status page.

Data server:

Configuration file (URL):

Update strategy for base stations: Simultaneous Sequential

Set **Cancel**

Start Firmware Update or Downgrade

Available firmware version of DECT Manager: **.089.**.***.**

Update time: Immediately Later

Time: h min

Date: y m d

On starting the firmware update the device checks if the requirements of a successful firmware download are fulfilled. The firmware is then downloaded without additional feedback. During download and update the handset / base connection is lost. A successful update results in the handset re-establishing the base connection.

Update firmware

You can downgrade the firmware to the previous version.

Previous DECT Manager version: **.085.**.***.**

Start downgrade

You can downgrade the firmware to the delivery version. All your personal settings will be deleted.

Start downgrade

- p) Network and Connections → Security settings: Allow access from other networks :
Yes
- q) Telephony → Advanced VoIP Settings: Transfer Call by On-Hook: Yes
- r) Telephony → Advanced VoIP Settings: “Enable wideband via codec G.722” : Yes
(Sættes hvis man ønsker at benytte Wideband codec G.722. OBS! Dette begrænser antal af kanaler til 4 per DECT base, ved G.711 er dette 8 kanaler).
- s) Management → Date & Time → Time Server: 87.48.133.100
- t) Management → Local settings → Country: Denmark