

FAQ - Broadsoft XSI Phone books.

Valid for:	N610	N670	N870	N870E	Embedded Integrator	Virtual Integrator
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Valid for N610 / N670 / N870 / N870E.

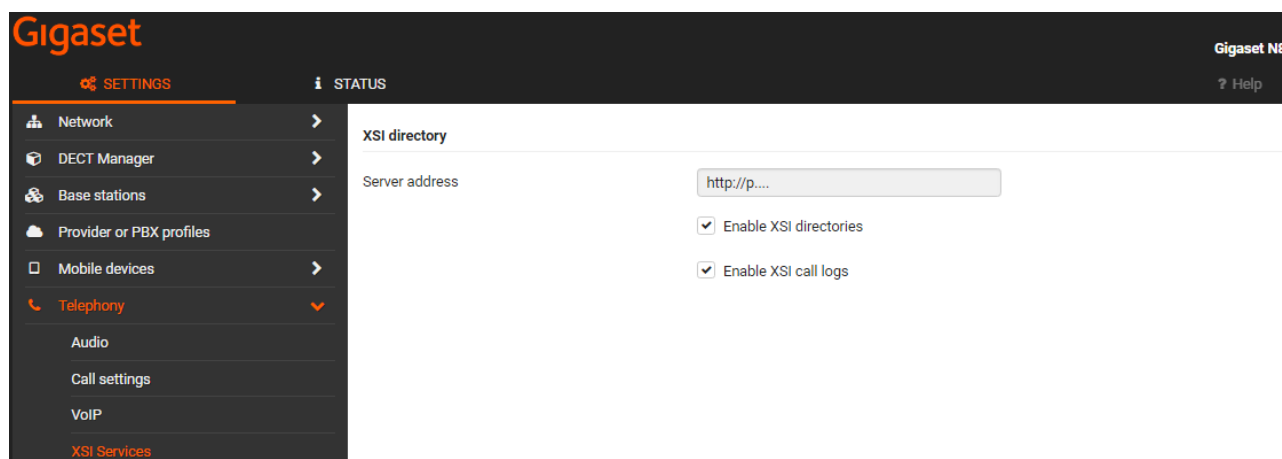
Broadsoft supports the following phone books:

1. Personal
2. Group
3. Group Common
4. Enterprise
5. Enterprise Common

These phonebooks can be used on the DECT professional handsets.

Web-interface

In the web-interface go to: **SETTINGS - Telephony - XSI Services**



Parameter	Description	Auto provisioning
Server address	The URL of the XSI server	XSIDir.1.ServerURL
Enable XSI directories	Enable or disable the usage of XSI phonebooks	DmGlobal.0.XSINetdirs (0=Disable / 1=Enable)
Enable call logs	Enable or disable the usage of XSI call logs	DmGlobal.0.XSICallLogs (0=Disable / 1=Enable)

In the web-interface go to: **SETTINGS - Online directories - XSI**

- Network >
- DECT Manager >
- Base stations >
- Provider or PBX profiles
- Mobile devices >
- Telephony >
- Online directories **>**
- Corporate
- XML
- XSI
- Central phonebook
- Online services >
- System >

☐ Auto-hide menu

XSI directory

Server address ?

☐ Enable XSI directories ?

☐ Enable list mode

XSI Personal directory

☒ Enable Personal directory ?

Directory name ?

Personal

XSI Group directory

☒ Enable Corporate Yellow Pages ?

Directory name ?

Group

XSI Group Common directory

☒ Enable Corporate Private Pages ?

Directory name ?

Group Common

XSI Enterprise directory

☒ Enable Corporate Private Pages ?

Directory name ?

Enterprise

XSI Enterprise Common directory

☒ Enable Corporate Private Pages ?

Directory name ?

Enterprise Common

Parameter	Description	Auto provisioning
Server address	The URL of the XSI server	XSIDir.1.ServerURL (Setting is done in XSI services)
Not in the web-interface	This is pasted behind the XSI server URL: Can be changed if needed. Value = com.broadsoft.xsi-actions/v2.0	XSIDir.1.Api
Enable list mode	0 = disabled 1 = enabled	XSIDir.1.StartWithList
Enable XSI directories	Enable or disable the usage of XSI phonebooks	
Enable Personal directory		XSIDir.1.PDirName
Directory name		
Enable Group directory		XSIDir.1.GDirName
Directory name		
Enable Group Common directory		XSIDir.1.GCDirName
Directory name		
Enable Enterprise directory		XSIDir.1.EDirName
Directory name		
Enable Enterprise Common directory		XSIDir.1.ECDirName
Directory name		

In the web-interface go to:**SETTINGS - Mobile devices - Administration** and select the handset

Broadsoft XSI services

Use SIP credentials

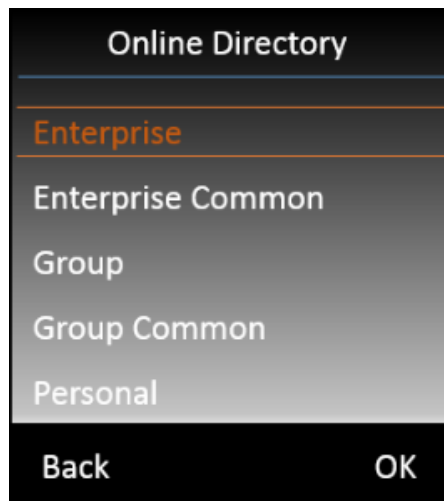
☒ Yes ☐ No

Parameter	Description	Auto provisioning
Use SIP credentials	For Authentication use the SIP credentials or the Broadsoft XSI username and Password	hs.<IPUI>.XsiSip (0=Use XSI credentials / 1 = Use SIP credentials)
		hs.<IPUI>.XsiUsername
		hs.<IPUI>.XsiPassword

DECT handset



On the handset press the Phone book key to open the list with available Phone books. Which phonebooks are visible depends on the setting made by the Administrator.



Lookup

New in software 2.47 we have added the possibility to do an lookup in multiple XSI directories.

The Admin can configure up to 5 XSI directories as a lookup dir in any order. Search will be performed one by one in directories selected for lookup. If number is found in some phonebook, searching is not continued in other phonebooks. If the TLS protocol is used: Searching in next directory reuse previous TLS session, so only one TLS session is created to do a lookup.

Configuration

To configure XSI multiple lookup, the admin should change following settings for handset via provisioning:

- AutoLookupDir - for multiple lookup should be set for value 4
- AutolookupOrder - should be filled by XSI directories ID in specified order of search, separated by commas. AutolookupOrder can be filled by max 5 XSI directories (with ID 5-9). Default value is "9,7,8,5,6" (Personal, Group, Group Common, Enterprise, Enterprise Common).

XSI ID for auto lookup settings:

- 5 - Enterprise
- 6 - Enterprise Common
- 7 - Group
- 8 - Group Common
- 9 - Personal

Example of provisioning file

```
<?xml version="1.0" encoding="UTF-8"?>
<settings version="1.0" productID="e2">
  <param name="hs.0355ac1977.AutoLookupDir" value="4" />
  <param name="hs.0355ac1977.AutolookupOrder" value="9,6,5"/>
</settings>
```

Lookup caching policy

You can change the Lookup caching policy, see this wiki page: [FAQ - Lookup caching](#)

New in software 2.46:

During the XSI multiple lookup cache is checked and the number is stored according to rules for each XSI phonebook separately (for phonebook which currently is being searched). Default value for each directories for caching is 1 (ask every loop). The main improvement in caching for XSI multi lookup is that entries from caching is shared between HS. So if one of the HS save entry in cache, other HS can use name replacement from cache (if the number and type of directory is the same). Only the XSI personal should be queried for each handset separately - so for Personal directories entries in cache are not shared between HS.