N720 - Broadsoft XSI Phone-books.

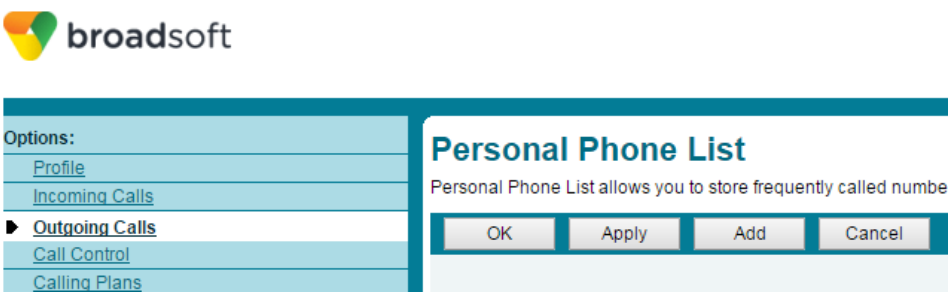
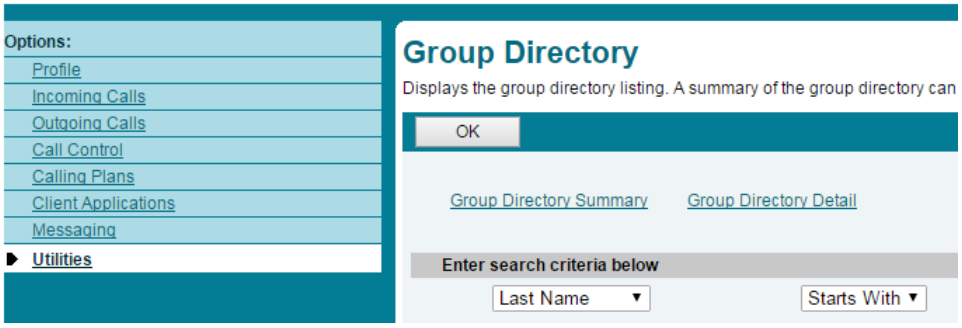
Introduction

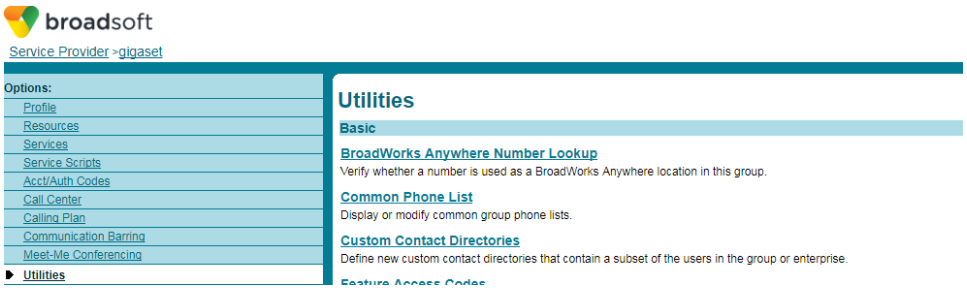
From software 110 we have implemented the Broadsoft XSI Phone-books, we support the following Phone-books:

- Enterprise Directory
- Enterprise Common Phone List
- Group Directory
- Group Common Phone List
- Personal Phone List

The difference between Enterprise/Group Directory and the Enterprise/Group Common Phone List is that the Directory contains a list of contacts in the enterprise/group whereas the Common Phone List is a list of commonly used contacts that are not in the enterprise/group.

The Broadsoft XSI phonebooks needs to be enabled via Auto provisioning.

Phonebook		Broadsoft web-interface
Personal	• Name • Number	User login: **Outgoing Calls - Personal Phone List** 
Group	• Last Name • First Name • Phone Number • Extension	User login: **Utilities - Group Directory** 

Group Common	• Name • Number	**Group - Utilities - Common Phone List** 
Enterprise	• LastName • FirstName • PhoneNumber • Extension	
Enterprise Common	• Name • Number	

Auto provisioning

The provisioning template below is created for the **software 110 or higher**.

provisioning example

```
<!-- Broadsoft XSI phonebook -->

<!-- Set Broadsoft as SIP Platform -->
<SYMB_ITEM ID="BS_IP_Data.ucI_PHONE_SYSTEM" class="integer" value="5"/>

<!-- XSI server URL

<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.aucApi[0]" class="symb_item" value="'com.broadsoft.xsi-actions/v2.0'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.aucServerURL" class="symb_item" value="'http://XSI_Server'"/>
```

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<!-- Change the naming of the Phonebooks -->

<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.aucECDirName" class="symb_item" value="'Enterprise
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<!-- Enable the different Directories Enterprise = 0x5, Enterprise Common = 0x6, Group = 0x7, Group
Common = 0x8, Personal = 0x9 -->



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<!-- XSI authentication based on SIP credentials 0x01 / XSI Password 0x00 -->

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<!-- XSI username -->



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symb_item" value="'%BWPASS-ID-71%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[71].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-72%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[72].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-73%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[73].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-74%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[74].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-75%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[75].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-76%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[76].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-77%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[77].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-78%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[78].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-79%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[79].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-80%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[80].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-81%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[81].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-82%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[82].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-83%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[83].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-84%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[84].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-85%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[85].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-86%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[86].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-87%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[87].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-88%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[88].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-89%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[89].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-90%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[90].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-91%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[91].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-92%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[92].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-93%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[93].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-94%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[94].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-95%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[95].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-96%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[96].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-97%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[97].aucXsiPassword[0]" class="
symb_item" value="'%BWPASS-ID-98%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[98].aucXsiPassword[0]" class="
symb_item" value="'%BWLOGIN-ID-99%'"/>
<SYMB_ITEM ID="BS_XML_Netdirs.stXSI.stXsiCredencials[99].aucXsiPassword[0]" class="
symb_item" value="'%BWLOGIN-ID-100%'"/>

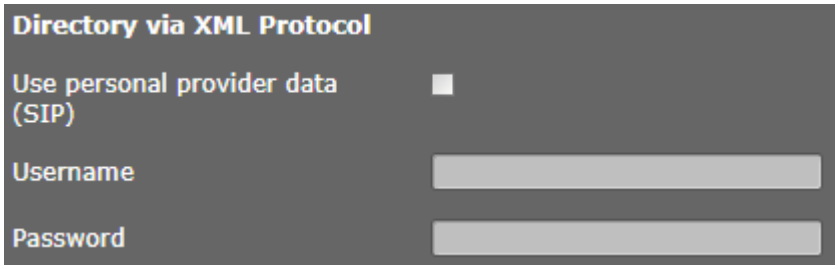
-->

Web-interface

The N720 web-interface provides a limited overview of the Broadsoft XSI Phonebook settings.

First via provisioning, the platform Broadsoft has to be set:

```
<!-- Set Broadsoft as SIP Platform -->
<SYMB_ITEM ID="BS_IP_Data.ucl_PHONE_SYSTEM" class="integer" value="5"/>
```

Settings - Online Directories - Directory via XML Protocol	
Server address: XSI Server URL **Enable directory:** All 5 phonebooks will be enabled.	
Settings - Mobile devices	
Use personal provider data (SIP) **Username:** XSI Username for the Handset .. **Password:** XSI Password for the Handset ..	
Autolookup note: Search is done for EXACT match, without extension - only numbers. XSI dirs are being searched one after another until entry is found. Number has to be at least 3 digits long.	

Search

- Search is done within the name and not looking only at the first letter.
- When entering no letter, "*" is send to get list for all entries.
- Refine search will be done by entering additional letter, handset will not show the additional letter.
- Capital or small letters are ignored, all entries are shown.
- Copy to local phonebook is possible.

Enable via config.

Here you can download the config that enables the broadsoft phonebooks in case you have no provisioning possibility.

Just restore this config and the N720 will reboot, after the reboot the phonebooks will be visible in the web-interface.

- Introduction
- Auto provisioning
- Web-interface
- Search
- Enable via config.