

# FAQ Nx70 - Broadsoft IPUI provisioning

## Introduction

In this article I will explain how to use IPUI provisioning for N870 behind Broadsoft.

Challenge: Broadsoft has no IPUI field.

Valid for:	
N670	N870

## Broadsoft Line/Port number

### Addresses

Addresses allows you to view and maintain your phone number and other identities that are used to make and receive calls.

The screenshot shows a configuration window with buttons for OK, Apply, and Cancel. The 'Phone Number' is set to 'None' and the 'Extension' is '3612'. The 'Identity/Device Profile' is selected, with 'Trunking' and 'None' options unselected. Under 'Identity/Device Profile', the 'Identity/Device Profile Name' is 'N720 (Group)', the '\* Line/Port' is '029e74a599', and the 'Port Number' is '1'. There are links for 'Configure Identity/Device Profile' and 'AdvancedSettings'.

Suggestion is to use the Broadsoft **Line/Port** field. This can be found at every user under Addresses.

In the above example, you can see that this user is using position 1 of the 250 in the N870 and is using the handset with IPUI number "029e74a599"

### Addresses

Addresses allows you to view and maintain your phone number and other identities that are used to make and receive calls.

The screenshot shows a configuration window similar to the first one. The 'Phone Number' is 'None' and the 'Extension' is '3613'. The 'Identity/Device Profile' is selected. Under 'Identity/Device Profile', the 'Identity/Device Profile Name' is 'N720 (Group)', the '\* Line/Port' is '02b6ec8aa5', and the 'Port Number' is '2'. There are links for 'Configure Identity/Device Profile' and 'AdvancedSettings'.

The second user is using position 2 and the handset with IPUI number "02b6ec8aa5"

## Broadsoft placeholder

The Broadsoft placeholder for the Line/Port field is:

User	Placeholder
1	%BWLINPORT-1%
2	%BWLINPORT-2%
.. x	%BWLINPORT-x%

Template example

```
<?xml version="1.0" encoding="UTF-8"?>
<gigaset>
<provisioning version="1.1" productID="e2">

  <nvm>

    <!-- Handset 1 -->

    <oper value="%BWLINERPORT-1%" name="add_hs">

      <param name="hs.RegStatus" value="ToReg"/>

    </oper>

    <param name="SipAccount.%BWLINERPORT-1%.AuthName" value="%BWAUTHUSER-1%" />
    <param name="SipAccount.%BWLINERPORT-1%.AuthPassword" value="%BWAUTHPASSWORD-1%" />
    <param name="SipAccount.%BWLINERPORT-1%.UserName" value="%BWLINERPORT-1%" />
    <param name="SipAccount.%BWLINERPORT-1%.DisplayName" value="%BWNAME-1%" />
    <param name="SipAccount.%BWLINERPORT-1%.ProviderId" value="0" />
    <param name="hs.%BWLINERPORT-1%.DirectAccessDir" value="0" />

    <!-- Handset 2 -->

    <oper value="%BWLINERPORT-2%" name="add_hs">

      <param name="hs.RegStatus" value="ToReg"/>

    </oper>

    <param name="SipAccount.%BWLINERPORT-2%.AuthName" value="%BWAUTHUSER-2%" />
    <param name="SipAccount.%BWLINERPORT-2%.AuthPassword" value="%BWAUTHPASSWORD-2%" />
    <param name="SipAccount.%BWLINERPORT-2%.UserName" value="%BWLINERPORT-2%" />
    <param name="SipAccount.%BWLINERPORT-2%.DisplayName" value="%BWNAME-2%" />
    <param name="SipAccount.%BWLINERPORT-2%.ProviderId" value="0" />
    <param name="hs.%BWLINERPORT-2%.DirectAccessDir" value="0" />

    <!-- VoIP Provider 1 settings -->
    <param name="SipProvider.0.Name" value="Broadsoft"/>

    <!-- General data of your service provider -->
    <param name="SipProvider.0.Domain" value="%BWHOST-1%" />
    <param name="SipProvider.0.ProxyServerAddress" value="%BWHOST-1%" />
    <param name="SipProvider.0.ProxyServerPort" value="5060" />
    <param name="SipProvider.0.RegServerAddress" value="%BWHOST-1%" />
    <param name="SipProvider.0.RegServerPort" value="5060" />
    <param name="SipProvider.0.RegServerRefreshTimer" value="180" />
    <param name="SipProvider.0.TransportProtocol" value="1" />
    <param name="SipProvider.0.UseSIPS" value="0" />
    <param name="SipProvider.0.SRTP_Enabled" value="0" />
    <param name="SipProvider.0.AcceptNonSRTPCalls" value="0" />

    <!-- Redundancy -->
    <param name="SipProvider.0.DnsQuery" value="0" />

    <!-- Failover Server -->
    <param name="SipProvider.0.FailoverServerEnabled" value="0" />
    <param name="SipProvider.0.FailoverServerAddress" value="" />
    <param name="SipProvider.0.FailoverServerPort" value="5060" />

    <!-- Network data of your service provider -->
    <param name="SipProvider.0.OutboundProxyMode" value="0" />
    <param name="SipProvider.0.OutboundProxyAddress" value="%SBC_ADDRESS%" />
    <param name="SipProvider.0.OutboundProxyPort" value="%SBC_PORT%" />
    <param name="SipProvider.0.MWISubscription" value="0" />

  </nvm>

</provisioning>

</gigaset>
```

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