Configuration Notes
for Ascom VoIP Gateway in Ascom IP-DECT System
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1 Configuration notes for Ascom VoIP Gateway

The following configurations must be done for an IP-DECT system using the Ascom VoIP Gateway as a gatekeeper. For all other configuration settings see the installation manuals for the IPBS/IPBL and the VoIP Gateway.

Figure 1. Ascom IP-DECT system overview

1.1 Configure LDAP

It is recommended to use the VoIP Gateway as an LDAP server.

Create an LDAP user in the VoIP Gateway:

1. Select LDAP.
2. Enter a user name and a password in the User and Password text fields respectively.
3. Select the Write Access check box.
4. Click "OK".

Set all Master, Standby Master IPBS/IPBLs to be LDAP replicators:

1. Select LDAP > Replicator.
2. Select the Enable check box.
3. Enter the VoIP Gateway IP address in the Server text field.
4. Select the "DECT Gateway Name" filter type and enter the DECT Gateway Name to filter users on a Multiple Master system.
5. Enter the user name and password in the User and Password text fields respectively.
6. Click "OK".
7. Repeat for all Master, Standby Master IPBS/IPBLs in the system.

1.2 Set PBX Password in the VoIP Gateway

Set PBX password in the VoIP Gateway:
1 Select PBX > Password.
2 Enter and retype a password in the text fields.
3 Click "OK".

1.3 Add System Object in the VoIP Gateway
A system object need to be added in the VoIP Gateway:
1 Select PBX > Objects.
2 Select "DECT System" in the drop-down list and click "New".
3 Enter the IP-DECT system name in the Long Name and the Name text fields. Leave all other fields empty.
4 Click "OK".

1.4 Enter system name in the IPBS/IPBL
1 Select DECT > System.
2 Enter the system name in the System Name text field. This must be the same name used as Long Name and Name in 1.3 Add System Object in the VoIP Gateway on page 2.
3 Enter a password in the Password text field. This must be the PBX password selected in 1.2 Set PBX Password in the VoIP Gateway on page 1.
4 Repeat for all IPBS/IPBLs in the system.
1.5 **Handset Features**

The following features are supported for the H.323 protocol by the IP-DECT system using the Ascom VoIP Gateway as a gatekeeper:

- **Calling Line Identification Presentation (CLIP) or Calling Name Identification Presentation (CNIP)**
  
  The number or name of the calling party is shown in the cordless handset display.

- **Call Transfer (CT)**
  
  The call is handed over to another subscriber.

- **Call Forwarding Unconditional (CFU)**

- **Call Forwarding on Busy (CFB)**

  The call is forwarded to another subscriber, an external number, or voice mail, when subscriber is busy.

- **Call Forwarding No Reply (CFNR)**

  The call is forwarded to another subscriber, an external number, or voice mail, after a delay.

- **Do Not Disturb (DND)**

  The call is forwarded to another subscriber, an external number, or voice mail, when set.

- **Call Waiting (CW)**

- **Call Completion Busy Subscribers (CCBS)**

  On encountering a busy line, it notifies the caller when the line becomes free.

- **Message Waiting Indication (MWI)**

  MWI is used to notify the end user that there is a message waiting in a voice mail system.

- **Enquiry**

  A call is put on hold while setting up a call to another subscriber.

- **Brokering**

  Switching back and forth between two calls.

- **DTMF dialling**

- **Ring signals**

  Different signals for internal and external calls. Calls from extensions within the main PBX will be treated like internal calls.

- **Idle display/In call display**

  *) Normally invoked from the handset but can also be programmed in the Ascom VoIP Gateway.
Document History

For details in the latest version, see change bars in the document.

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