

Spectralink IP-DECT Server 200/400/6500, Spectralink Virtual IP-DECT Server One and Spectralink DECT Server 2500/8000

Interoperability Guide

Funktel ATEX Handset

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Introduction

This interoperability guide describes how to subscribe your ATEX Handset to a Spectralink IP-DECT 200/400/6500 Server, Spectralink Virtual IP-DECT One and Spectralink IP-DECT 2500/8000 Server and provides information about the following alarm events:

- SOS Key/Alarm button
- Position Alarm functionality (man down)



Note

- The ATEX Handset can be used on all current IP-DECT/DECT/Virtual IP-DECT Servers with IP-DECT Base Station, Digital DECT Base Station and Repeaters.
- Air synchronization (and not LAN synchronization) must be used when using IP-DECT Base Stations.
- Only basic voice functionality is available when interoperating with Cisco Unified Communications Manager and Lync/Skype for Business Servers.

For more information about the ATEX Handset and configuration, see the Funktel ATEX Handset Documentation. For more information about Spectralink IP-DECT 200/400/6500 Server, Spectralink Virtual IP-DECT One and Spectralink DECT 2500/8000 Server, see the relevant guides available at <http://support.spectralink.com>.

Subscribing to a Spectralink IP-DECT/DECT/Virtual IP-DECT Server

The ATEX handset must be subscribed and registered to the Spectralink IP-DECT/DECT/Virtual IP-DECT Server before you can use it.



Note

The server must be configured to allow subscription. This is the default configuration.

The IP-DECT/Virtual IP-DECT Servers and DECT Servers use different methods to subscribe the handset.

To register handsets you use the web based Administration Page of the Spectralink IP-DECT/DECT/Virtual IP-DECT Server.

Subscribe your ATEX Handset to IP-DECT/Virtual IP-DECT Servers using DOIP Enrollment Type

- 1 On the ATEX handset, subscribe to the Spectralink IP-DECT/Virtual IP-DECT Server:
 - Go to **Menu/Setup/System Settings/Log in**.
 - Choose **DOIP** enrollment type, and press **OK**.
 - Leave **PARK** empty, and press **OK**.
 - Enter AC code (if user is created before subscription (and an AC code is entered) or a system AC code is entered), and/or press **OK**.
- 2 On the web based Administration Page of Spectralink IP-DECT/Virtual IP-DECT Server, under **Users/List Users**, click on the relevant user, and then enter the desired settings. Ensure that user is enabled.

Since the Funktel ATEX handset automatically subscribes to a system, make sure your system has the "strongest" radio field strength. This typically means that you have to be very close to a base station when subscribing the handset.

Subscribe your ATEX Handset to IP-DECT/Virtual IP-DECT Servers using GAP Enrollment Type

- 1 On the web based Administration Page of Spectralink IP-DECT/Virtual IP-DECT Server, under **Configuration/Wireless Server/Application interface**, enable **ATEX handset GAP enrollment type**.
- 2 On the ATEX handset, subscribe to the Spectralink IP-DECT/Virtual IP-DECT Server:
 - Go to **Menu/Setup/System Settings/Log in**.
 - Choose **GAP** (Generic Access Profile), and press **OK**.
 - Choose **Standard-GAP**.
 - Leave **PARK** empty, and press **OK**.
 - Enter AC code (if user is created before subscription (and an AC code is entered) or a system AC code is entered), and/or press **OK**.
- 3 On the web based Administration Page of Spectralink IP-DECT/Virtual IP-DECT Server, under **Users/List Users**, click on the relevant user, and then enter the desired settings. Ensure that user is enabled.

Since the Funktel ATEX handset automatically subscribes to a system, make sure your system has the "strongest" radio field strength. This typically means that you have to be very close to a base station when subscribing the handset.

Subscribe your ATEX Handset to DECT Servers

- 1 On the ATEX handset, find the IPEI. Please go to **Menu/Setup/System settings/Telephone IDs**.
- 2 On the web based Administration Page of Spectralink DECT Server, use the IPEI of the handsets to create a user.
- 3 On the ATEX handset, subscribe to the Spectralink DECT Server:
 - Go to **Menu/Setup/System Settings/Log in**.
 - Choose **GAP** (Generic Access Profile), and press **OK**.
 - Choose Standard-GAP.
 - Leave **PARK** empty, and press **OK**.
 - Enter AC code (if created on the Spectralink DECT Server in step 2), and/or press **OK**.

Since the Funktel ATEX handset automatically subscribes to a system, make sure your system has the "strongest" radio field strength. This typically means that you have to be very close to a base station when subscribing the handset.

Defining Alarm Phone Number/Extensions

When Funktel ATEX handset is subscribed as a GAP or DOIP handset to a Spectralink IP-DECT/DECT/Virtual IP-DECT Server the following alarm features are available:

SOS Key/Alarm Button

- To set up the alarm button, enter the relevant “emergency number” to be called.
- Please go to **Menu/Setup/Phone settings/Emergency Number/**.
- Select the relevant system (the System the phone is logged in).
- Enter the Emergency Number.

Position Alarm/man down

- To set up "position alarm", enter relevant position alarm settings and the “calling number”.
- Please go to **Menu/Setup/Phone settings/Position alarm.**
- Enter the relevant parameters and Emergency Number.

Enabling Connectivity to Funktel Application Server (FAS)

To enable connectivity to e.g. messaging via FAS (also known as Nucleus Server), it is necessary to enable the setting **Enable FAS Connectivity** in the web based Administration Page of the Spectralink IP-DECT Server 200/400/6500 and Spectralink Virtual IP-DECT Server One (**Configuration > Wireless Server > Application interface**). As default this setting is disabled.

For more information, see Spectralink IP-DECT Server 200/400/6500 and Virtual IP-DECT Server One Installation and Configuration Guide.



Note

DECT Servers do not support connectivity to the Funktel Application Server.

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