

Cisco IP DECT 6800 Series Release Notes for Firmware Release V0450

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These release notes support the Cisco IP DECT 6800 Series running Firmware Release V450.

The Cisco IP DECT 6800 Series is compatible with the following systems:

- BroadSoft BroadWorks 21.0 and later
- Asterisk 13.1 and later

The firmware release versions are:

- Base station version: V0450 B0008
- Handset version: V0450 B0007

Cisco IP DECT 6800 Series Introduction

The Cisco IP DECT 6800 Series is made up of the Cisco IP DECT 210 Multi-Cell Base Station and the Cisco IP DECT Phone 6825 Handset. This system is designed for small and medium businesses.

Figure 1: Cisco IP DECT 210 Multi-Cell Base Station and Cisco IP DECT Phone 6825 Handset



The handsets communicate with the base station using Digital Enhanced Cordless Telecommunications (DECT). The base station communicates with a third-party call control system for call control functions.

You can have one or more base stations in your site. Multiple base stations extend radio coverage for larger office spaces. You can also set up multicell systems. Each base station can have up to 30 handsets configured to use the base station, but the number of active calls on a base station is limited.

Related Documentation

Use the following sections to obtain related information.

Cisco IP DECT 6800 Series Documentation

See the publications that are specific to your language and firmware release. Navigate from the following Uniform Resource Locator (URL):

<https://www.cisco.com/c/en/us/support/collaboration-endpoints/ip-dect-6800-series-multiplatform-firmware/tsd-products-support-series-home.html>

Upgrade the Firmware

You can upgrade the base station and handset firmware with TFTP, HTTP, or HTTPS. You upgrade the base station first. After the upgrade, the base station automatically reboots. Then you upgrade the handsets, which automatically reboot.

You access the Cisco Software Download page to get the firmware in zip files. The zip files contain these firmware files:

- For the base station, the zip filename starts with IPDECT-DBS210
- For the handset, the zip filename start with IPDECT-PH6825

For detailed information about the upgrade procedure, refer to the “Maintenance” chapter in the *Cisco IP DECT 6800 Series Administration Guide*.

Before you begin

You need the TFTP, HTTP, or HTTPS server information.

Procedure

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- Step 1** From your browser, go to <https://software.cisco.com/download/home/286323307>.
 - Step 2** If required, sign in with your user ID and password.
 - Step 3** Click **IP DECT 210 Multi-Cell Base-Station**.
 - Step 4** Select **Release 4.5**.
 - Step 5** Download the zip file for the required version.
 - Step 6** Return to <https://software.cisco.com/download/home/286323307>.
 - Step 7** Click **IP DECT 6825 with Multiplatform Firmware**.
 - Step 8** Select **Release 4.5**.
 - Step 9** Download the zip file for the required version.
 - Step 10** On your PC, unzip the files.
 - Step 11** Access the TFTP server file system.
 - Step 12** If not available, create a `Cisco` directory.
 - Step 13** Open the `Cisco` directory.
 - Step 14** Copy the new base station firmware file to the `Cisco` folder.
 - Step 15** Copy the new handset firmware file to the `Cisco` folder

Step 16 Complete the upgrade as described in the *Cisco IP DECT 6800 Series Administration Guide*.

Limitations and Restrictions

System Behavior During Times of Network Congestion

Anything that degrades network performance can affect phone system voice quality, and in some cases, can cause a call to drop. Sources of network degradation can include, but are not limited to, the following activities:

- Administrative tasks, such as an internal port scan or security scan
- Attacks that occur on your network, such as a Denial of Service attack

Caller Identification and Other Phone Functions

Caller identification or other phone functions have not been verified with third-party applications for the visually or hearing impaired.

Cisco IP Phone Firmware Support Policy

For information on the support policy for phones, see <https://cisco.com/go/phonefirmwaresupport>.

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- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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