



Release Notes for Cisco SPA232D Multi-Line DECT ATA and Cisco SPA302D Multi-Line DECT Handset Firmware Version 1.3.3

Firmware Released: December 2013

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These Release Notes provide information about Cisco SPA232D Multi-Line DECT ATA and Cisco SPA302D Multi-Line DECT Handset firmware version 1.3.3.

IMPORTANT

As with any firmware release, read these release notes before upgrading the firmware. Cisco also recommends backing up the configuration before any firmware upgrade.

Changes in Firmware Version 1.3.3

For the Cisco SPA302D/SPA232D, following are the changes in the firmware version 1.3.3:

- Handset name is provisionable.
- Auto registration of the handset.
- If the handset is unregistered or turned off, immediately a “486 Busy Here” message is displayed.
- For Call Forwarding, the number of “no-answer rings” can be configured on the handset.
- True blind transfer is supported.
- Auto upgrade of Handset Firmware.



Hardware and Firmware Compatibility Matrix

SPA232D (3 types of devices)	SN Range	1.3.5p(XU), 1.3.5p, 1.3.2p	1.3.5(XU), 1.3.5, 1.3.4, 1.3.3, 1.3.2n	1.3.2 or earlier
Device 1 (128MB Flash + New SLIC)	After CCQ1906001V	Yes	No	No
Device 2 (128MB Flash + Old SLIC)	CCQ17100G3L to CCQ1906001U	Yes	Yes	No
Device 3 (32MB Flash + Old SLIC)	Before CCQ17100FS0	Yes	Yes	Yes


Note

1.3.2p is identical to 1.3.2 and additionally supports 128MB flash and new SLIC.
1.3.5p is based on 1.3.5; both have the same feature set, except that 1.3.5p supports new SLIC while 1.3.5 does not.
1.3.5p(XU), 1.3.5(XU), 1.3.2(XU): SRTP functionality has been removed, and it cannot be configured or provisioned in firmware versions that are designated with XU in the filename.


Note

Do not upgrade any device to an unsupported firmware version as detailed in the Hardware and Firmware Compatibility Matrix table.


Note

New devices have a label that reads *S/W: Must use 1.3.5(004p) or later.*

Resolved Issues

Tracking Number	Description
CSCuh90777	While depressing the Voicemail button, list the DECT lines configured only on the SPA302D.
CSCuh90845	While connecting to RTP audio path, the SPA302D handset responds slowly.
CSCuh90821	Incoming Call Display overrides the Menu Page.
CSCuh90831	While performing on-hook dialing, a newly registered handset should select an outgoing line for outbound calls.
CSCuh90837	After upgrade, the handset does not display the correct voicemail count.
CSCuh90838	Volume of the Call Waiting Beep is high.
CSCuh90845	The dial tone sounds more "North American."

Tracking Number	Description
CSCuh73032	If 232D calls a device using G722 (when G722 is not the preferred codec), Comfort Noise is heard even when the silence suppression is disabled.
CSCuh73012	Cannot transfer a call to another sip phone.
CSCuh73002	SIP line goes offline.
CSCuh72999	Cannot call back from Missed call menu.
CSCuh73051	While transferring an incoming call to a SIP phone, the first call leg is never cleared, (phone does not send Bye message.)
CSCuh73027	While receiving a call, the SPA302D/SPA232D randomly sends 410 Gone.
CSCuh73005	Cannot transfer a call.
CSCuh72997	While answering a call when navigating in the menu (accessed by pressing "1"), the phone reboots or freezes in the menu (cannot exit or validate a line.)

Known Issues

Due to CSCug32425, when upgrading the SPA232D loaded with v1.3.1 (or a previous firmware version), it is required to upgrade the SPA232D v1.3.2 firmware twice if provisioning the device via the Upgrade Rule to correctly upgrade to the corresponding embedded SPA302D handset software. A special version of SPA232D firmware has been created to be used to perform the first upgrade while the second upgrade can use SPA232D_SPA302D_1.3.2_014_FW.bin which then installs the SPA302D handset software correctly.

This is not an issue while upgrading the SPA232D firmware via the web-based configuration utility, as the SPA232D needs to be upgraded only once.

Tracking Number	Description
CSCua25450	CLMS mode not supported on SPA302D. After setting IPEI on the web GUI, SPA302D fails to register on base.
CSCuf95441	Reorder Delay does not apply to SPA302D.
CSCtz43096	Duplicating User ID in the multiple DECT lines is not supported on SPA232D.
CSCtz85652	Some of the parameters converted from the SPA3102 config profile are not applicable to SPA232D.
CSCug33305	Some of the parameters converted from the SPA2102 config profile are not applicable to SPA232D.
CSCua35231	A limitation where the handset (HS) cannot deregister from the base when another HS is in a call.
CSCua49465	In the SPA232D, changing the Voice vlan setting in CDP takes effect after reboot.
CSCuh26401	IVR option 170 still playback default port 80 after changing the parameter, <Remote Management Port>, to other port.
CSCul14463	For the SPA232D, HS registration during fax causes fax failure sometimes.
CSCul29332	SPA302D does not support Media Loopback.

Tracking Number	Description
CSCul46866	In SPA302D, changing the default outgoing line to PSTN impacts the outgoing line sequence.
CSCul76449	In the SPA302D, the 10th Dect Line cannot make the second call while the other 9 Dect Lines are not impacted.

Upgrade the Firmware

Upgrade the Cisco SPA232D

- Step 1** Download the latest firmware by using the Firmware link on this web page: www.cisco.com/go/smallbizvoicegateways
- Step 2** Launch a web browser, and enter the LAN IP addresses of the ATA.
- Step 3** Log in to the Configuration Utility. (On first use, enter **admin** as the username and the password. After logging in, you should configure a unique password that is hard to guess.)
- Step 4** Click **Administration** in the menu bar, and then click **Firmware Upgrade** in the navigation tree.
- Step 5** Click **Browse** and select the location of the upgrade file that you downloaded.
- Step 6** Click the **Upgrade** button to upgrade the firmware.

Upgrading the firmware may take several minutes. Until the process is complete, DO NOT turn off the power, press the hardware reset button, or click the Back button in your current browser.

Upgrade the Cisco SPA302D

Perform this procedure after upgrading the Cisco SPA232D and waiting for the ATA to reboot.



Note

To verify the upgrade, go to the Administration > Firmware Upgrade page, and confirm that the firmware version number is correct.

- Step 1** On the handset, press the center **Select** button, scroll to **Settings**, and press the **Select** button again.
- Step 2** In the settings menu, choose **Update Software**, and then press the **Select** button.
- Step 3** At the **Check for software update** prompt, press **Confirm**.
- Step 4** Within a moment, the handset displays the current version of software on the handset and the latest software version available from the Cisco SPA232D. Press the **Select** softkey.
- Step 5** Place the handset in the charging cradle.



Caution

Do not remove the handset from the charging cradle during the upgrade. Do not power off the handset, charging cradle, or base station, or otherwise interrupt the upgrade process.

The handset erases the flash memory, downloads the new software, and verifies the upgrade data. After the upgrade, a message appears indicating the status of the upgrade (for example, if the upgrade succeeded).

Step 6 After the success message appears, press **Reset** to reboot the handset.

If the upgrade fails, press **Reset** to reboot the handset. Check the status lights on the Cisco SPA232D to make sure that it is powered on and functioning. Then repeat the upgrade steps.

Behavior During Times of Network Congestion

Anything that degrades network performance can affect voice and video 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

To reduce or eliminate any adverse effects to the devices, schedule administrative network tasks during a time when the devices are not being used or exclude the devices from testing.

Related Information

Support	
Cisco Small Business Support Community	www.cisco.com/go/smallbizsupport
Online Technical Support and Documentation (Login Required)	www.cisco.com/support
Cisco Small Business Support and Resources	www.cisco.com/go/smallbizhelp
Downloads and Documentation	
Firmware	www.cisco.com/go/software
Cisco Small Business Voice Gateways Documentation	www.cisco.com/go/smallbizvoicegateways
Open Source Documentation	Follow the Release Notes link at www.cisco.com/go/smallbizvoicegateways
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Cisco Partner Central for Small Business (Partner Login Required)	www.cisco.com/web/partners/sell/smb
Cisco Small Business Home	www.cisco.com/smb

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