Release Notes for SPA100 Series Analog Telephone Adapters Firmware Versions 1.3.2p and 1.3.5p

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These Release Notes provide information about SPA100 Series Analog Telephone Adapters firmware versions 1.3.2p and 1.3.5p.

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 Versions 1.3.2p and 1.3.5p

For the Cisco SPA112 and SPA122, the following changes are made in firmware versions 1.3.2p and 1.3.5p:

- Silicon Labs changed the voltage component supplier from Telefunken to Vanguard. The new Silicon Labs chip requires a small code change.

Hardware Change

To identify the new Silicon Labs chip, the new box HID format 1.1.x is used.

Software Changes

The following software changes apply to firmware releases 1.3.2p and 1.3.5p:

- Support for the new Silicon Labs chip is added, but compatibility with the old Silicon Labs chip is preserved.
- A downgrade limit applies to the new Silicon Labs chip.

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Hardware and Firmware Compatibility Matrix

SPA112/SPA122 (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(XU), 1.3.2 or earlier
Device 1 (128MB Flash + New Si3217x-B SLIC)	SPA112 • CCQ18400001 to CCQ1841033K • After CCQ18500DAE SPA122 • CCQ1834031U to CCQ1834037D • CCQ1847066I to CCQ184707YA • CCQ184902ED to CCQ184904UL • CCQ184904UM to CCQ184904Y3 • CCQ184904Y4 to CCQ184904Y5 • After CCQ185001YH	Yes	No	No
Device 2 (128MB Flash + Old Si3217x-B SLIC)	SPA112 • CCQ175106J3 to CCQ175106OM • CCQ181607OO to CCQ181607U7 • CCQ18240E34 to CCQ18400000 • CCQ1841033L to CCQ18500D9K SPA122 • CCQ174602V3 to CCQ1746030M • CCQ181502B7 to CCQ181502GQ • CCQ182002W3 to CCQ1834031T • CCQ1834037E to CCQ18470660 • CCQ184707YB to CCQ184902EC • CCQ184904UM to CCQ184904UL • CCQ184904Y4 to CCQ184904Y3 • CCQ184904Y6 to CCQ185001YH	Yes	Yes	No
Device 3 (32MB Flash + Old Si3217x-B SLIC)	SPA112: Before CCQ182002W2 SPA122: Before CCQ181805KR	Yes	Yes	Yes

Note 1.3.2p is identical to 1.3.2 and also supports 128MB flash and new SLIC.
1.3.2n is based on 1.3.2; both have the same feature set, except that 1.3.2n supports 128MB flash while 1.3.2 does not.
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.

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
CSCur99365	SPA100 and SPA232D require new firmware 1.3.2p 1.3.5p to support new SLIC.

Known Issues

Note 1.3.2p Known Issues are the same as in the 1.3.2n Release Notes.
1.3.5p Known Issues are the same as in the 1.3.5 Release Notes.

Upgrade the Firmware

Follow these instructions to upgrade the phone adapter.

Step 1 Download the latest firmware by using the Firmware link on the following web page:
www.cisco.com/go/smallbizvoicegateways

Step 2 Access the adapter Configuration Utility in one of the following two ways:

   a. If the adapter is SPA112, connect one analog phone to its FXS port, press **** to access IVR, enter 110 to get SPA112 WAN IP address. Then, launch a web browser, and enter WAN IP address.

   b. If the adapter is SPA122 or SPA232D, connect one PC to its LAN port. Then, launch a web browser, and enter the LAN IP address. The default value is 192.168.15.1.

Step 3 Log in to the Configuration Utility.

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.

Note 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.

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 Software Downloads, Release and General Information link at www.cisco.com/go/smallbizvoicegateways, then search in the Release Notes area.
Cisco Small Business	
Cisco Partner Central for Small Business (Partner Login Required)	www.cisco.com/web/partners/sell/smb
Cisco Small Business Home	www.cisco.com/smb

Documentation, Service Requests, and Additional Information

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html

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