

# Release Notes for Cisco Small Business Pro SPA 525G IP Phone Firmware Version 7.4.4

**03/31/2010**

These Release Notes describe the new features and enhancements in the Cisco Small Business Pro SPA 525G IP Phone firmware version 7.4.4.

## Contents

This document includes the following topics:

- [Changes Since Cisco Small Business Pro SPA 525G IP Phone Firmware Version 7.4.3](#)
- [Installation Notes](#)
- [Related Information](#)

## Changes Since Cisco Small Business Pro SPA 525G IP Phone Firmware Version 7.4.3

Updates were made, and problems were fixed.

### Updates

The following updates were made:

- Added support for macro expansion in SIP registration using Extension Mobility credentials. (SIP)

## Release Notes

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- Added the following new parameters to the configuration utility:

### Extension Tab

- **Restrict MWI**—When enabled, message waiting indicator lights only for messages on private lines. (SIP)
- **Voice Mail Subscribe Interval**—The expiration time, in seconds, of a subscription to a voice mail server. (SIP)

### Phone Tab

- **SCA Sticky Auto Line Seize**—When enabled, taking the phone off-hook will not automatically pick up an incoming call on a shared line. (SIP)

## Fixed Problems Since Firmware Release 7.4.3 (SIP)

The following problems were fixed in this firmware release:

Identifier	Summary
CSCtd63455	Speed dial in softkey doesn't work using \$PROXY.
CSCtf70182	Space character not allowed in WPA Shared Key.
CSCtf25687	Phone locks up when receiving 484 address incomplete message.
CSCte64903	When BLF is used over TCP, the user portion of the subscribe URI is removed.
CSCte63064	When using Login feature in profile rule, phone receives a 401, but does not respond.
CSCte58785	Enhanced Call Park with Metaswitch does not reflect the correct LED color.
CSCte41720	Incorrect transfer behavior with SPA 500S.
CSCte39709	Audio received on handset has too much bass.
CSCte15885	Phone requires two reboots for softkeys to appear.
CSCte10700	Caller ID number mapping causes the phone GUI to freeze, then reboot.
CSCte02476	Default XML file causes the phone to reboot constantly.

Identifier	Summary
CSCte02124	SCA (shared call appearance) line mapping set to “vertical first” does not work correctly.  (For shared lines only, in the “Shared Line Appearance” section of the configuration utility, the “Share Ext” parameter must be set to shared. If SCA line mapping is set to vertical, the second incoming call rings on the next line key for that extension.)
CSCte42294	SCA icon looks same as private line icon.
CSCte87863	Screen backlight timer fails to update.
CSCtf77099	Distorted audio issue.

### Fixed Problems Since Firmware Release 7.4.3 (SPCP)

The following problems were fixed in this firmware release:

Identifier	Summary
CSCta60136	Missed call display is cleared after 10 seconds.
CSCtf06744	Phone reboots when using park and unpark.
CSCte00911	Abbreviated dialing for numbers 13 and 14 does not work.
CSCte07521	When using the conferencing feature with an external party, using the softkeys cause the phone to hang.
CSCtd63469	<URL>init:services</URL> does not go to home screen.
CSCtc88428	Receiving video feed from 2300 videocamera crashes SPA 525 while connected to VPN.
CSCtf70182	Space character not allowed in WPA Shared Key.
CSCte39709	Audio received on handset has too much bass.

### Known Issues

#### **CSCtf73817—Phone fails to auto register with UC 500 XA2 IOS image (SPCP)**

**Problem**—If the Cisco SPA 525G contains firmware older than release 7.4.3, the phone fails to register with the Cisco Unified Communications UC 500 after the UC 500 upgrades the software pack.

**Workaround**—Upgrade the Cisco SPA 525G firmware to release 7.4.3 prior to upgrading the UC 500 to IOS 15.0(1)XA2.

### Getting More Information About Problems

You can search for problems by using the Cisco Software Bug Toolkit. To access Bug Toolkit, you'll need a Cisco.com user ID and password.

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- STEP 1** To access the Bug Toolkit, go to <http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs>.
  - STEP 2** Log on with your Cisco.com user ID and password.
  - STEP 3** To look for information about a specific problem, enter the bug ID number in the "Search for bug ID" field, then click **Go**. To get a list of problems for a specific product, select the product category and product from the drop-down list and click **Search**.
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## Installation Notes

To install firmware for the Cisco IP Phone SPA 525G, follow these instructions.

### SIP Version

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- STEP 1** Download the firmware from Cisco.com. Go to:  
<http://www.cisco.com/en/US/products/ps10499/index.html>
  - STEP 2** Click the **Download Software** link.
  - STEP 3** Choose the correct software version. Download the zip file and unzip the .bin file to your PC.

- STEP 4** Obtain the IP address of your phone:
    - a. On your phone, press the **Setup** button and select **Status**.
    - b. Scroll to **Network Status** and press **Select**. Note the IP address.
  - STEP 5** On your PC, open Internet Explorer.
  - STEP 6** Enter the phone's IP address in the browser's toolbar.
  - STEP 7** Choose the **Firmware Upgrade** tab.
  - STEP 8** Click **Firmware Upgrade Window**.
  - STEP 9** Browse to select the firmware file from your PC. Click **Submit**. The firmware is installed and your phone reboots.
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### SPCP Version

Firmware updates are done from the Cisco Unified Communications 500 Series. For detailed upgrade instructions, see the [Cisco Configuration Assistant Smart Business Communications System Administrator Guide](#) for your software release. See the "Phone Load Management" section in the "Maintenance" chapter.

To upgrade:

- STEP 1** Download the phone software to your PC that is running the Cisco Configuration Assistant software.
- STEP 2** Launch the Cisco Configuration Assistant (CCA) and connect to the customer site or UC 500 device.
- STEP 3** Choose **Home > Topology** to open the Topology View if it is not already open.
- STEP 4** On the PC running CCA, locate the phone firmware file that you downloaded from Cisco.com (for example: spa525g-7-4-4.bin).
- STEP 5** In the Topology View, use the mouse to drag the phone load file from your PC and drop it onto the UC 500 icon.

If CCA recognizes the file as a valid phone load, a popup dialog displays and you are prompted to upload the file.
- STEP 6** Click **Upload**. The dialog displays the upload and upgrade progress.

## Release Notes

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Affected phones are restarted after the upgrade is applied.

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## Related Information

Support	
Cisco Small Business Support Community	<a href="http://www.cisco.com/go/smallbizsupport">www.cisco.com/go/smallbizsupport</a>
Cisco Small Business Support and Resources	<a href="http://www.cisco.com/go/smallbizhelp">www.cisco.com/go/smallbizhelp</a>
Phone Support Contacts	<a href="http://www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html">www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html</a>
Cisco Small Business Firmware Downloads	<a href="http://www.cisco.com/go/smallbizfirmware">www.cisco.com/go/smallbizfirmware</a> Select a link to download firmware for Cisco Small Business Products. No login is required.  Downloads for all other Cisco Small Business products, including Network Storage Systems, are available in the Download area on Cisco.com at <a href="http://www.cisco.com/go/software">www.cisco.com/go/software</a> (registration/login required).
Product Documentation	
SPA 525G	<a href="http://www.cisco.com/go/spa500phones">www.cisco.com/go/spa500phones</a>
Cisco Small Business Communications System	<a href="http://www.cisco.com/go/sbcsresources">www.cisco.com/go/sbcsresources</a>
Cisco Configuration Assistant	<a href="http://www.cisco.com/en/US/products/ps7287/tsd_products_support_series_home.html">www.cisco.com/en/US/products/ps7287/tsd_products_support_series_home.html</a>
Cisco Small Business	
Cisco Partner Central for Small Business (Partner Login Required)	<a href="http://www.cisco.com/web/partners/sell/smb">www.cisco.com/web/partners/sell/smb</a>
Cisco Small Business Home	<a href="http://www.cisco.com/smb">www.cisco.com/smb</a>

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