

# Release Notes for Cisco Small Business SPA525G or SPA525G2 Firmware Version 7.5.3

## September 2012

These Release Notes describe the updates and fixes in version 7.5.3 of the Cisco Small Business SPA525G or SPA525G2 firmware.

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

**NOTE** There are two SPA525G/525G2 firmware versions. One of them contains updated Bluetooth firmware (identified by *-bt* in the filename). The updated Bluetooth version is larger in size and takes longer to install (about 3 to 4 minutes). If you use Bluetooth, for the best possible experience we recommend that you upgrade to the Bluetooth version of the firmware.

## Contents

This document includes the following topics:

- [Cisco Small Business SPA525G or SPA525G2 Firmware Changes for Version 7.5.3](#)
- [Related Information](#)

# Cisco Small Business SPA525G or SPA525G2 Firmware Changes for Version 7.5.3

## New Features in Firmware Version 7.5.3

### Hebrew Language Support

Firmware version 7.5.3 provides support for Hebrew language files for phones that are part of a SIP call control system. There are some limitations to this feature. The Hebrew language support includes:

- Twenty-seven letter Hebrew alphabet
- Modern Hebrew numeric representation (traditional Hebrew digits are not supported)
- Simple data input method with a Hebrew key map
- Display of Hebrew text using BIDI layout and Unicode consortium BIDI algorithm (including RTL and LTR)
- Hebrew dictionary for displayable strings
- Localization of management interface for right-to-left layout

The Hebrew dictionary must be installed and configured on the phone. See localization information on the Cisco Small Business Support Community for more information:

<https://supportforums.cisco.com/docs/DOC-9923>

### Additional Language Support

Support has also been added for the following languages for phones that are part of a SIP call control system:

- Russia (Russian)
- Poland (Polish)
- Turkey (Turkish)
- Czechoslovakia (Czech)
- Hungary (Hungarian)
- Finland (Finnish)

- Slovakia (Slovak)
- Bulgaria (Bulgarian)
- Croatia (Croatian)

See localization information on the Cisco Small Business Support Community for more information:

<https://supportforums.cisco.com/docs/DOC-9923>

### Programmable Softkey (PSK) Toggling

You can now configure PSKs to toggle, or switch between two PSK actions. This is useful when you want a user to be able to switch between two star code actions that have been defined for a PSK. For example, a PSK could be configured to toggle between turning call forwarding on and off using the “call forwarding on” star code (\*72) and the “call forwarding off” star code (\*73).

To configure this type of PSK, enter the following into the “PSK *name*” field in the Voice > Phone tab in the management interface:

```
fnc=sd;ext=starcode@$PROXY;nme=name;ext2=starcode@PROXY;  
nme2=name2
```

where *fnc=sd* is the function of the key (speed dial), *starcode* is the star code action to perform, *name* is the name of the first action, *ext2* is the second star code action to perform, and *name2* is the name of the second action to perform.

See the *Cisco SPA500 Series, SPA300 Series, and WIP310 IP Phone Administration Guide* for more information.

### Physical Hold Button and PSK Linking

You can now configure the physical hold button on the phone to perform a star code action that has been configured as a PSK. For example, with some call control systems, putting a call on hold or resuming a held call requires the phone to send a star code to the server. With those systems, the physical hold button on the phone cannot be used to put a call on hold or resume a held call, because a star code is not sent to the server.

With this new change, you can configure a PSK to perform a call hold/resume action, then configure the physical hold button on the phone to perform that action when pressed. This is done by adding the **holdkey=yes** parameter to the softkey.

See the *Cisco SPA500 Series, SPA300 Series, and WIP310 IP Phone Administration Guide* for more information.

### HTTPS Support

Secure HTTP (HTTPS) is now supported for uploading, downloading, and provisioning. HTTPS is supported on phones that are part of a SIP call control system.

### HTTP Put Method Support

For the HTTP Report Method field, the *put* option is now available. This is the HTTP method used when the server invokes the phone to send a configuration file report using the HTTP protocol. This parameter is configured in the Voice > Provisioning tab in the management interface.

### New Report Rule for status.xml Data

The phones can now report the status.xml data if **[--status]** is specified in the report rule. See the *Cisco SPA500 Series, SPA300 Series, and WIP310 IP Phone Administration Guide* for more information.

### VeriSign CA Support

The phones now support VeriSign CA certificates.

## Resolved Issues in Firmware Version 7.5.3

Identifier	Summary
CSCtz38452	Weather function does not work.
CSCua78489	The phone “ua” parameter is set to <i>no</i> or <i>ro</i> (read-only), but the user can still change some settings on the phone.
CSCua89171	When adjusting the volume while in a call, the volume is not saved after the phone call is disconnected.
CSCua96682	Phone crashes when it receives an “as-feature-event NOTIFY” message with xml content length of zero.

## Open Issues in Firmware Version 7.5.3

Identifier	Summary
CSCub11525	<p><b>Description</b>—When the router and switch to which the phones are connected lose power, the phone sends an initial DNS SRV query but times out before resolving the SRV record and resolving the IP address of the proxy server.</p> <p><b>Workaround</b>—Reboot the phones again after the DNS server is up.</p>

## 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.
Product Documentation	
Cisco Small Business SPA50X	<a href="http://www.cisco.com/go/spa500phones">www.cisco.com/go/spa500phones</a>
Regulatory Compliance and Safety Information for the Cisco SPA300 Series and Cisco SPA500 Series IP Phones	<a href="http://www.cisco.com/en/US/docs/voice_ip_comm/csbpipp/ip_phones/regulatory_compliance/guide/rcsi_500_series.pdf">http://www.cisco.com/en/US/docs/voice_ip_comm/csbpipp/ip_phones/regulatory_compliance/guide/rcsi_500_series.pdf</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>

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: [www.cisco.com/go/trademarks](http://www.cisco.com/go/trademarks). Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Copyright © 2009-2012 Cisco Systems, Inc. All rights reserved.

78-20970-01