

# Release Notes for Cisco Small Business SPA51X IP Phone 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 SPA51X IP Phone 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.**

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# Cisco Small Business SPA51X IP Phone 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.

### Special Character (#) in SIP INVITE Messages

A new parameter is added to the Voice > SIP tab, in the SIP Parameters section. Normally, the IP phone sends a "%23" (escape) as part of the message when the special character # is included in the SIP INVITE message.

This can cause problems with some telephony servers that need to receive the #. The new parameter, "escape special character," is added. When set to **yes** (the default), the phone sends a "%23" (escape) as part of the message when the # is included. When set to **no**, the # is sent directly and the escape (%23) is not used.

## Resolved Issues in Firmware Version 7.5.3

Identifier	Summary
CSCua96682	Phone crashes when it receives an “as-feature-event NOTIFY” message with xml content length of zero.
CSCua72030	When configuring phones with a distinctive ringtone, the ringtone does not work if brackets are used in the configuration.
CSCub15606	Call logs are not cleared when a new user logs into the phone (using BroadSoft extension mobility).

## Open Issues in Firmware Version 7.5.3

There are no known open issues in this release.

## 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.

## Release Notes

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<b>Product Documentation</b>	
Cisco Small Business SPA51X	<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>
<b>Cisco Small Business</b>	
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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78-20971-01