



# Release Notes for Cisco Small Business SPA51X IP Phones Firmware Version 7.5.5b

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These Release Notes describe the updates and fixes in version 7.5.5b of the Cisco Small Business SPA51X IP Phones firmware.

As with any firmware release, read these release notes before you upgrade the firmware. Cisco also recommends that you back up the configuration before you perform any firmware upgrade.

## Cisco Small Business SPA51X IP Phones Firmware Changes for Version 7.5.5b

### Updated Language Package

Support has been added for the following languages for phones that are part of both SIP and SCCP mode:

- English (en)
- French (fr)
- Spanish (es)
- Danish (dk)
- Portuguese (pt)
- Dutch (nl)
- German (de)
- Italian (it)
- Norwegian (no)
- Swedish (se)



Support has been added for the following languages for phones that are part of the SIP mode only:

- Mexico Spanish (es\_mx)
- Hebrew (he)
- Russian (ru)
- Polish (pl)
- Turkish (tr)
- Czech (cz)
- Hungarian (hu)
- Finnish (fi)
- Slovak (sk)
- Bulgarian (bg)
- Croatian (hr)

## Feature Enhancement in Firmware Version 7.5.5b

### Display of Name and Extension for BLF Keys

A parameter, <BLF Label Display Mode> is added to display both name and extension for Broadsoft BLF keys. The default display value is "Name," and the possible display values are "Name/Ext/Both".



**Note**

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The parameter can be configured via phone UI also.

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When the parameter is set to “Both”:

- The phone alternates between name and extension in 5-seconds’ interval if BLF is configured on the line keys.
- The phone shows both name and extension if BLF is configured on the side car keys.
- The phone renders both name and extension in a single line using the selected font. If the space is not enough, it successively tries smaller-sized fonts. If it fails even with 8 points, then it renders name and extension in two lines.

### Display of Dialed Digits

The phone is configured to show the digits entered when a call is connected or is proceeding.

A new parameter, <Show DTMF Digits When Connected>, is introduced to select the expected behavior options, which is in Admin Login > Advanced > Voice > Phone.

The options are "No"/"Yes"/"Masked."

- If 'No' is selected, no digits are displayed.
- If 'Yes' is selected, most recently dialed digits (up to 15) are displayed.
- If 'Masked' is selected, it behaves like 'Yes', except the digits are masked with ‘\*’s.

On a SPA5XX phone, when a call is connected or proceeding, the dialed digits are displayed on the second row of the call screen:

- If the user chooses the option to display the digits entered, the 15 most recent digits are displayed until the call is disconnected.
- In a conference call, the digits are displayed only on the highlighted call.
- If the call is not diverted, the digits are displayed until the call is in neither proceeding nor connected state.
- If the call is diverted, whenever a new digit is entered, the line switches from "Via: XXXX" to digits for 10 seconds. If no digits are entered in the past 10 seconds, the line then switches back to "Via:XXXX".

## Resolved Issues in Firmware Version 7.5.5b

Identifier	Summary
CSCun77435	Cisco IP Phone SPA50x local arbitrary code execution vulnerability
CSCuo52582	Cisco IP Phone Cross-Site Scripting Vulnerability
CSCue25858	Outbound network packets with length 508, 509, and 510 bytes misses VLAN tags for the SPA51X phones.
CSCue22691	Audio is not heard during the first 8 seconds on each incoming call to the hunt group in the VOIPnow PBX environment.
CSCud32998	Programmable LED parameter <Service Subscribing LED> has no effect.
CSCua29390	The SPA5x5 phone gets a page notice, after hanging up a multicast paging call configured on Asterisk server.
CSCue62918	Incorrect display of Czech and French characters after version 7.4.8.
CSCub56410	In the SPCP mode, the phone displays wrong characters for the French locale pack (UC540).
CSCue27856	The phone becomes unresponsive while performing an LDAP directory search in Broadsoft Environment.
CSCue17551	The phone reboots while performing a search in Broadsoft Enterprise Directory when the server is unavailable.
CSCue25835/CSCue82246	Improper provisioning management of HTTP 302 redirect causes the phone to become unresponsive.
CSCue44542	For Cisco XML Service, <b>EXECUTEITEM</b> does not work properly for playback of DTMF tones.
CSCue25867	The phone becomes unresponsive on a slow network, when using sidetar (500 or 500DS) with many BLF configured, as it does not receive all the 200 <b>OK</b> responses from the server.
CSCud36606/CSCtw80367	In SPCP mode, the phone loses BLF information.
CSCue31446	On a shared line, quick offhook/onhook triggers the phone to send quick NOTIFY messages to the server, and the server sends 480 code to the phone.  Added a parameter, <SCA Unseize Delay> to allow shared line unseize delay to be configured.

Identifier	Summary
CSCue82323	Users cannot use a semi-colon in the report rule as semi-colon is used as the delimiter for configuration report rule and status report rule. <b>Note</b> Use space as the delimiter.
CSCue81529	Increase the SIP account password parameter to a maximum of 64 characters.
CSCue57774	The phone constantly reboots, when the provisioning profile rule is too long (greater than 256) using EMS & MUID macros.
CSCue58292	When a call is not answered, the call does not connect to the voice mail if no ringtone is selected. Added a parameter, <Silent Ring Duration> to control the duration of the silent ring.
CSCuf07838	When parameter <User Equal Phone> is enabled, the headers; FROM, TO, and the request line of all the SIP messages during a call will be attached with a <user=phone> parameter.
CSCue98720	In the SPCP mode, the phone displays incorrect system message in French.
CSCue95588	A typo in the phone Web GUI; in the Custom CA Status section, "Custom CA Provisioning Status" is missing an "n".
CSCuf93984	During a call pickup event, the phone should not update the remote party CallerID when the Remote-Party-ID or P-Assert-Identity header is not provided in the SIP re-INVITE message.
CSCue98552	A parameter, <Use Line Keys For BLF List> is needed to use the line keys first for Broadsoft BLF list feature. Previously, the phone used only side-car keys for Broadsoft BLF list feature.
CSCub68624	In Hebrew mode, when the user edits the personal address book, the editing cursor moves to the opposite direction of the button pressed.
CSCue98287	The phone becomes unresponsive when long SDES CNAME (greater than 47 characters) or long NAME (greater than 31 characters) is used in RTCP packets.
CSCue60002	When Do not Disturb (DND) is enabled on SPA508G phone, paging calls are received.
CSCuf22909	When the phone is in an active call and initiates another call, the corresponding BLF button blinks red as if the phone is ringing.
CSCue78248	In SPCP mode, the incoming FXO calls ring as internal calls for Cisco SPA508/500S phones.
CSCuf91421	In SPCP mode, the phone becomes unresponsive while browsing the <b>SETUP</b> menu in Dutch.
CSCug45164	The SIP TCP session gets reconnected on wrong ports upon TCP connection failure when the TCP Port values for Min. and Max. are the same.

## Open Issues in Firmware Version 7.5.5b

Identifier	Summary
CSCug75057	SPA514 phones intermittently lock up while connecting with gigabit Ethernet switch.
CSCub46017	If the font size is 12, then the Hebrew character will be cut off from the top. <b>Note</b> The phone does not support font size, 12 for Hebrew language.

## 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

<b>Support</b>	
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.
<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/c/dam/en/us/td/docs/voice_ip_comm/csbpip/ip_phones/regulatory_compliance/guide/rcsi_SPA300_SPA500.pdf">http://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/csbpip/ip_phones/regulatory_compliance/guide/rcsi_SPA300_SPA500.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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