Release Notes for Cisco Small Business IP Phone SPA50X and SPA30X Firmware Version 7.4.8a

April 8, 2011

These Release Notes describe the new updates and fixes in versions 7.4.8 and 7.4.8a of the Cisco Small Business IP Phone SPA50X and SPA30X firmware.

NOTE **For SIP deployments, if you already have version 7.4.8 of the firmware, you do not need to upgrade to version 7.4.8 a. The 7.4.8a version has resolved the CSCto11646 issue, which only affects SPCP(UC500) deployments.**

Contents

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Changes Since Cisco Small Business IP Phone SPA50X and SPA30X Firmware Version 7.4.8

Fixed Problems Since Firmware Version 7.4.8—Phones Used With a SPCP Call Control System

Identifier	Summary
CSCto11646	The phone does not register or reboot when picking up the handset. This happens when the phone is used in the SPCP mode only. This problem affects only the 7.4.8 release. It is not a problem in earlier releases.

Changes Since Cisco Small Business IP Phone SPA50X and SPA30X Firmware Version 7.4.7

Updates Since Firmware Version 7.4.7

Configuring Call Appearance Per Line (SIP)

By default, in version 7.4.7, the phone supported 2 calls per line button. In version 7.4.8, the **Call Appearance Per Line** option was added to let you choose the number of calls per line button. This option lets you choose a value from **2** (default) to the maximum value of **10**. This option is not supported on the SPA501G and SPA301 phones. Also, this feature is only supported when the phones are operating in SIP mode.

When you increase the number of calls per line to a value greater than 2, you *must* do the following:

- Set the **Line ID Mapping** option to **Horizontal First**.

- Set the **Line Navigation** option in the **Phone** tab to **Per Call** instead of **Per Line**.

- Set **Programmable Softkey Enable** to **Yes**.

NOTE When the maximum numbers of calls per phone is reached, the phone does not allow you to make a new call and rejects incoming calls. **Table 1** lists the maximum number of calls per phone model.

Table 1   Maximum Number of Allowed Calls Per Phone

Phone	Maximum Number of Calls
SPA303, SPA502G, SPA504G	10
SPA508G	16
SPA509G	24

To expand the call appearances per line:

STEP 1 In the phone's web GUI, click the **Phone** tab.

STEP 2 In the **Miscellaneous Line Key Settings** section, in the **Call Appearance Per Line** field, choose how many calls per line to allow from the drop-down.

Maximum Advertised Power Setting (CSCtn03200)

On the phone's web-based GUI, added the **PoE Power Required** parameter under the **Power Settings** (new section) to the System page. This parameter has two values: **Normal** (default) and **Maximum**.

When one or more attendant consoles are attached to the phone, use **Maximum** to advertise to a PoE switch that the phone will consume up to 12 W. When no attendant consoles are attached, use **Minimum** to advertise a required power budget of 6.5 Watts.

This parameter is not applicable to SPA301 and SPA303 because they do not have attendant console support.

Configuring Auto-Answer for Paging Calls (CSCti53461)

A new parameter **Auto Answer Page During Active Call** has been added in 7.4.8 under the EXT tabs. In conjunction with the global **Auto Answer Page** parameter, this parameter determines the behavior of the phone when a page call arrives.

When **Auto Answer Page** is disabled, page calls are not auto answered (even if the phone is idle), regardless of the value of **Auto Answer Page During Active Call**. When **Auto Answer Page** is enabled, whether page calls are auto answered or not during an active call depends on the PER LINE **Auto Answer Page During Active Call**. Both **Auto Answer Page** and **Auto Answer Page During Active Call** are enabled by default.

Fixed Problems Since Firmware Version 7.4.7—Phones Used With a SIP Call Control System

Identifier	Summary
CSCtl72495	The phone may be temporarily unresponsive in the event of a substantial delay in DNS resolution.
CSCtk06335	Broadsoft Busy Lamp Field (BLF) configuration changes are not reflected on the phone after a dynamic configuration change has taken place via the Subscribe/Notify method.
CSCtk15169	(SPA301 and SPA501G only) Answering IP dialing calls while accessing IVR causes the phone to become unresponsive.
CSCtk84415	Pressing the soft key to unpark a call while lifting the handset at the same time may cause the audio to be routed to the speaker phone instead of the handset.
CSCtl12057	The BLF status is incorrectly updated when the Notify message contains the domain name and the Subscriber message contains the IP address.
CSCtl51263	When the line key is pressed while the call is on hold and the handset is in the cradle and on hook, the audio goes to the handset instead of the speaker.
CSCtl54158	The phone continues the ringback after pressing the **End Call** soft key. This only happens when **Programmable Softkey Enable** is set to **Yes**, and **Line Navigation** is set to **Per Line**.
CSCtl72635	Simultaneously pressing two speed dial buttons on the phone causes both lines to take part in a conference call.
CSCtl78114	The factory reset option becomes unavailable when **Protect_IVR_FactoryReset** is set to **Yes**.
CSCtn06712	When an SPA50x phone is mixing media on a 3-way call using the G.711 codec and the in-band DTMF mode, the digits are incorrectly amplified and are unrecognizable to IVR systems.

Identifier	Summary
CSCtn08468	There is a DTMF detection issue when quickly pressing the same key multiple times.
CSCtn42735	(SPA301) Setting the parameter **conference serv** to **no** has no effect.

Fixed Problems Since Firmware Version 7.4.7—Phones Used With a SPCP Call Control System

Identifier	Summary
CSCtl94882	The default value of the RTP CoS priority is 6 instead of 5.

Known Issues

The following table lists known issues, including the identifier, phone model, and to which protocol the issue applies (if phones are used with a SIP call control system or if phones are used with an SPCP call control system).

Identifier	Protocol	Description/Workaround
CSCtn24281	SIP	The "+" character is not added to e.164 cap messages. **Symptom:** The phone does not send the "+" character to e.164 invite messages. **Workaround:** None.
CSCtn63391	SPCP	Cannot listen to multiple messages in one session. **Symptom:** VoiceViewExpress cannot listen to multiple voice messages in one session. **Workaround:** None.

Related Information

Support	
Cisco Small Business Support Community	www.cisco.com/go/smallbizsupport
Cisco Small Business Support and Resources	www.cisco.com/go/smallbizhelp
Phone Support Contacts	www.cisco.com/en/US/support/ tsd_cisco_small_business _support_center_contacts.html
Cisco Small Business Firmware Downloads	www.cisco.com/go/smallbizfirmware 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 www.cisco.com/go/software (registration/login required).
Product Documentation	
Cisco Small Business SPA50X	www.cisco.com/go/spa500phones
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