Release Notes for Cisco Small Business IP Phone SPA525G/525G2 Firmware Version 7.4.8

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These Release Notes describe the new updates and fixes in the Cisco Small Business IP Phone SPA525G/525G2 firmware version 7.4.8.

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Changes Since Cisco Small Business IP Phone SPA525G/525G2 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 **10**.

The **Call Appearance Per Line** option 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, the phone automatically sets the **Line ID Mapping** option to **Horizontal First**. Changing this value has no effect as long as the value of the **Call Appearance Per Line** setting is greater than 2.

NOTE   The maximum number of calls per an SPA525G or 525G2 phone is 10. 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.

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 menu.

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 12.5 W. When no attendant consoles are attached, use **Minimum** to advertise a required power budget of 8.5 Watts.

Configuring Auto-Answer for Paging Calls (CSCtl53299)

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
CSCtj80506	The resync XML file expands $PSN to SPA525G instead of 525G.
CSCtj89360	The speed dial in the Programmable Soft Key (PSK) mode is inconsistent with the speed dial in the line key mode.
CSCtk08830	Call transfer does not display the correct caller ID after a reinvite. The transfer information is contained in the P-Asserted-Identity header.
CSCtk65633	When the phone is connected to an IVR server, the phone does not include the "#" character in the 2833/RTP-event SIP message.
CSCtk68199	Under a certain premature termination to the SUBSCRIBE message, the phone might become unresponsive.
CSCtk69834	In rare conditions, when a cell phone is paired to the SPA525G2, one way voice may be experienced after multiple calls.
CSCtk74701	When IP dialing is disabled, clicking on the forward button on the phone to set up a "forward all calls" destination, there is no dial tone. Also, when typing a destination, the phone displays an "unknown number" error.
CSCtl00076	(Metaswitch only) When the user performs a blind transfer to a subscriber with a parked call, the phone's display indicates that the phone is ringing.
CSCtl72643	Simultaneously pressing two speed dial buttons on the phone causes all open lines to take part in a conference call.
CSCtl78107	The factory reset option becomes unavailable when **Protect_IVR_FactoryReset** is set to **Yes**.
CSCtl84038	The Call Forward No Answer setting for the Broadworks Key Sync feature fails to update properly in the phone.

Identifier	Summary
CSCtl84147	Resync through the phone's display fails, but works when using the phone's web-based GUI profile rule.
CSCtn24406	The G.722 voice becomes distorted and muffled when the phone is paired with a cell phone.
CSCtn30404	On some outbound calls, the phone displays cached names that may have not been correctly updated.
CSCtn32081	Ringtone values are ignored for incoming Alert-Info headers.
CSCtn38657	In some conditions, configuring PSK requires restarting the phone for the configuration to take effect.
CSCtn43096	When using the G.729a codec and setting the input gain to a high value (for example, 6dB), the speakerphone sound might be muffled in the send direction.
CSCtn52616	After unpairing a cell phone, the phone's Line Status LED does not reflect the correct status.
CSCtl96318	Modified the valid range of the Subscribe Retry Interval value to be between 7 and 43199.

Fixed Problems Since Firmware Version 7.4.7—Phones Used With a Smart Phone Control Protocol (SPCP) System

This section lists fixed problems found in phones used with an SPCP call control system; for example, the Cisco Unified Communications 500 Series (UC500) System.

Identifier	Summary
CSCtl04829	If the BLF is active, the phone drops Bluetooth-paired cell phone calls or puts them on hold.
CSCtl98436	Incomplete phone startup when reconnecting to the UC500 after making configuration changes to the phone over a VPN connection.

Known Issues

The following table lists known issues, including the identifier 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
CSCtg31867	SIP	The phone may be temporarily unresponsive in the event of a substantial delay in DNS resolution. **Symptom:** The phone may be temporarily unresponsive in the event of a substantial delay in DNS resolution. **Workaround:** None.
CSCtn24382	SIP	Excessive toggling between a VoIP call and a paired cell phone call might cause the phone to becomes unresponsive. **Symptom:** When paired to mobile phone, the phone may intermittently become unresponsive when toggling between a SIP call and mobile phone call. **Workaround:** None. Restart the phone manually.
CSCtk82859	SIP	When the **Bluetooth Mode** setting is set to **Both**, the phone cannot detect certain Bluetooth headsets. **Workaround:** None.
CSCtn47643	SPCP	SSL-VPN Split-tunneling configuration is currently not supported by the SPA525G and SPA525G2 phones. **Workaround:** None.

Limitations

In version 7.4.6, users could turn Bluetooth on and still be able to use the camera. However, in versions 7.4.7 and above, the camera and Bluetooth cannot be used at the same time due to system limitations.

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 SPA525G/G2	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

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