



Release Notes: SoundPoint IP - SIP

Software Revision

These release notes cover Polycom's SoundPoint IP - SIP version 1.2.0 released February 6, 2004.

Document Revision

These release notes may be updated during the life of this release as any issues are reported. This document was last updated February 9, 2004.

Hardware Support

This release of software is compatible with the following SoundPoint IP products:

SoundPoint IP 500
SoundPoint IP 600

BootRom Requirements

This software requires a BootRom version of 2.4.0 or later to be installed on all phones. The most current *bootrom.ld* file is available on the Polycom Resource Network (<http://extranet.polycom.com/>) to authorized resellers.

3rd Party Support

Various Partners are testing this software for interoperability. 3rd Party certification will be listed here at the end of the Beta period.

Resolved Issues

The following issues have been resolved in this release:

ID	Issue
2287	Browser shows old form data after submitting changes
2469	DSP fails to load intermittently
3952	Loud noise at start and end of G.729 calls
4498	Phone may reboot when web management page is refreshed
4548	Upon forwarding, call added to the end of Missed Calls list instead of the beginning
4731	Phone may stop working if NAPTR DNS resolution is used without support for TCP enabled
4737	Corrected issues with speed dial assignments
4810	Quickly changing regional settings several times may cause reboot
4872	REQUEST uses TCP when UDP should be used (URL dial only)
4888	Loose Routing sent to the wrong address



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4889	Not all SIP header compact forms are supported
4890	Authorization header's URI does not match the request URI
4891	When answering a hold request, the phone should not reply with SDP c=0.0.0.0
4892	The call cannot move from Connected to Ringback state (Transfer)
4921	Routing does not work properly when two or more proxies are used
4922	200 OK response to PRACK builds route set
4924	Call resource may not be released if CANCEL fails
4926	INVITE with Replace may have redundant information in Request URI
4929	Multiple Via's in one line with comma separation not handled properly
5010	EndCall softkey may not drop all legs of a conference
5038	Call Forward status may be shown incorrectly on Line Select display
5040	On SoundPoint IP 500, Call State icon may no be shown if volume is adjusted while making or receiving a call
5041	Forward icon is overridden by DND icon after reboot
5043	Private Line doesn't ring if Shared Line is remotely on hold
5044	Call-waiting tone not played while in Held state if previously in Hold state
5065	Redial does not dial the last number if the number was a Conference Add-on
5079	Audio channels may be bridged after Canceling an Attended Transfer
5102	SNTP failure may cause Memory leak
5106	Phone does not play dial tone on next call following a blind transfer to a PSTN number
5159	Digest Verification doesn't work when the phone issues the challenge
5250	Adding a Buddy entry may erase the Watcher List
5264	Phone can lock-up with certain Dial Plan configuration
5307	Phone sends incorrect response when new request has a lower Cseq number
5385	Quoted XML characters not parsed in configuration files
5622	Phone may lockup during SNTP synchronization if DNS misconfigured
5657	Reorder played following unattended transfer
5686	Wrong speed dial contact dialed after end of list

Features Added

The following features have been added in this release:

ID	Issue	Administrator Guide Reference Section
5122	Improved Directory View and Edit functions to help avoid accidental deletion of data	
2228, 5651	Improved Acoustic Echo Cancellation on hands free	
5748	Changed Localization menu so unsupported languages are not displayed on SoundPoint IP 500	
1379	Added support for session timer keep-alive mechanism	
3656	Added line/context summary menu	



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3887	Changed Memory Usage graph to show percent of total	
3919	Added server-based hold, resume, answer and conference remote control	
3921, 5688	Added one-touch voice mail access option	4.6.3.7
3923	Added configuration options to disable of Presence and Instant Messaging features	4.6.1.21
4300	Added support for emergency/alternate proxy or gateway	4.6.2.1.4.2.2
4311	Added ability to retrieve a held call on a shared line	
4313	Added support for per-call auto-answer	4.6.1.5.2
4406	Added support for REFER-based "click-to-dial" feature	
4919	Added support for routing calls to outbound proxy without registration	4.6.2.1.2
5367	Added support for remote call state query	
5380	Changed shared line hold LED pattern to be the same as private line hold	
5388	Changed far end hold LED pattern to be distinct from local hold	
5393	Added support for a configurable Realm (default is still "PolycomSIP")	4.6.2.1.3.3
5429	Added option to support Microsoft Live Communications Server (LCS)	4.6.2.1.3
5502	Added configurability to remote reboot (NOTIFY/check-sync) feature	4.6.2.1.3.4
5635	Changed interpretation of Alert-Info field for distinctive ring to be RFC compliant	3.1.12
5645	Added option to disable Name Dialing	

Features Removed

ID	Summary
5757	Removed "Bye-also" way of handling transfers
4715	Removed line number flashing on incoming call
6044	Shared Lines automatically have URL calling disabled

Known issues

The following problems are known to exist and will be addressed in a future SW Release:

ID	Issue	Workaround
1931	URL dialed calls in received and missed call lists can't be redialed	None
4310	No QoS support for signaling protocol (TCP)	The default QOS parameters will still be used for TCP signaling packets, and these may be specified in the ipmid.cfg configuration file.
4329	Phone doesn't always reboot after "Reset to Factory Default"	Reboot the phone manually
5009	Only one leg of conference has audio if two other channels on Hold	Release calls on Hold before initiating a conference
5020	A maximum of 12 channels can be in use at once	Don't have more than 11 calls or 5 conferences on Hold at a time
5066	Presence has limitations if shared lines used	Configure first line as a private line, not a shared line



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5085	Cannot answer an incoming call while directory is being saved	None
5244	Assignment of speed dial function to hard key does not work	Only line keys can be used for one-touch speed dial, not reassigned function keys.
5521	While in a menu, a quick handset on/off hook leaves the phone in an incorrect state	None
5723	Rapidly pressing termination button confuses call appearance	None
5752	Pacifier tones are buffered when calling Voice Mail	None
6054	Problems with exiting from Audio Diagnostics screen	Keys work as labeled after doing some recording

Distribution

The following files constitute the 1.2.0 distribution of the SoundPoint IP SIP application. For centrally provisioned systems, copy these files to the boot server, maintaining the folder hierarchy present in the zip file. Some of the configuration files must be modified. Refer to the *SoundPoint IP SIP Administrator Guide* for details. This document can be downloaded from the Polycom Resource Network (<http://extranet.polycom.com/>) by authorized resellers.

Files	Description
sip.ld	SIP application executable
ipmid.cfg	Core configuration file
sip.cfg	Main SIP configuration file
phone1.cfg	Example per-phone SIP configuration
000000000000.cfg	Example master configuration file
000000000000-directory~.xml	Example per-phone local contact directory XML file (edit and then remove '~' from name to seed phones which have no directory)
SoundPointIP-dictionary.xml	Dictionary files for multilingual support included: Chinese, China (for IP 600 only) Danish, Denmark Dutch, Netherlands English, Canada English, United Kingdom English, United States French, France German, Germany Italian, Italy Norwegian, Norway Japanese, Japan (for IP 600 only) Korean, Korea (for IP 600 only) Portuguese, Portugal Russian, Russia Spanish, Spain Swedish, Sweden
SoundPointIPWelcome.wav	Start up welcome sound effect