



Avaya One-X® Deskphone H.323 Release 6.2 Readme

This file is the Readme for the Avaya One-X® Deskphone H.323 Release 6.2 for the 9608, 9611G, 9621G, and 9641G IP Deskphones. This file describes the contents of the February 2012 release software distribution package.

H.323 6.2 software is supported on the 9608, 9611G, 9621G and 9641G IP Deskphones only and when used with Avaya Aura® Communication Manager, IP office and B5800 Branch Solution. It will not load or operate on any other models.

To upgrade your 9600-Series IP Deskphones:

1. Unzip the zip file in the root directory of your HTTP server.
2. Make any adjustments required by your environment to your 46xxsettings.txt file.
3. Reset your Avaya 9600-Series IP Deskphone.

Avaya IP Office Compatibility

Avaya One-X® Deskphone H.323 Release 6.2 support for IP Office will be included in the respective IP Office release.

Do not install Deskphone release R6.2.0.09 on phones registered to an IP Office until IP Office 7.0 service pack and IPO 8.0 service pack releases that supports this software will be available in the second calendar quarter of 2012.

Avaya B5800 Compatibility

Avaya One-X® Deskphone H.323 Release 6.2 support for the Avaya B5800 will be included in the respective B5800 release.

Do not install Deskphone release R6.2.0.09 on phones registered to a B5800 until B5800 6.2 release is available, planned for the second calendar quarter 2012.

Avaya Aura® Communication Manager Compatibility

Although the 9608/9611G/9621G/9641G IP Deskphones are supported on Avaya Aura® Communication Manager 5.2.1 and higher, use the latest Communication Manager release with these models of IP Deskphones. See the "Communication Manager Software &

Firmware Compatibility Matrix" at <http://support.avaya.com> for the supported software/firmware versions of the Media Server, Media Gateway, and circuit packs.

CM 6.2 is the minimum version required for native support of the 9608/9611G/9621G/9641G IP Deskphones.

- For CM releases prior to 6.2, administer the 9608, 9611G, 9621G and 9641G IP Deskphones as a 9650 IP Deskphone.

CM 5.2.x is the minimum version required to support the following features:

- PE DUP functionality
- Enhanced support for Station Lock feature to lock local application like Contacts, Call Log or A-Menu
- Mark calls in missed call log when they are redirected

For more details see the H.323 configuration section in the CM Administration Guide which can be downloaded from <http://support.avaya.com>.

H.323 6.2 Deskphones general quality improvement

Avaya has made significant improvements to our development and testing processes within H.323 release 6.2. Hundreds of engineers have been engaged in testing and inspecting H.323 6.2 software in order to deliver a high quality, stable, reliable, and feature rich solution upon which you can rely on for your critical business success.

Avaya employs a highly disciplined quality approach end to end; from improved software development practices, extensive code inspection, enhanced product verification and widespread live user trials. Stabilizing the foundation of the product has been the highest priority with special emphasis on quality as the number one goal of the release. This release of software reflects the most demanding and stringent practices and criteria ever used with an endpoints program in Avaya's history.

Avaya increased the focus on real-world solution testing by replicating customer network topologies and use case scenarios spanning the solution to thoroughly exercise how the phones are used by our customers. Extensive live system trials were part of the qualification process: the H.323 6.2 software has been deployed on thousands of phones and dozens of sites and unique live environments, far exceeding any previous endpoints trial. The new enhancements to logging and diagnostics available in this release will enable Avaya to address any issues that may arise more quickly and effectively than with previous releases.

Avaya fully recognizes the responsibility and trust you place in us in achieving your business success. To deliver you a high quality, stable, reliable, and feature rich solution with the 96x1 IP Deskphones we have undergone the utmost rigor with H.323 Release 6.2 to deliver the highest quality solution possible.

Enhancements in H.323 6.2

- Bluetooth support for 9641G
 - May be turned off by settings file
 - See documentation for more information.
- Wireless headset ring. Ringing is supported on wireless headsets. It is supported with Plantronics WO1 Base + AVP 62-1 cable + Hydra WH100 headset.
 - The Jabra 14201-33 will support incoming call alert in H.323 6.2 SP1. Until then, the Jabra 14201-35 will support EHS but the use of a ring detector (included with the 14201-35) is needed.
- Local Timer stop watch feature.
The desk phones now support a local timer (stop watch) feature. The agent is able to select the Local Timer Feature and to start a stop watch.
- WML buttons: The capability to define WML buttons with functions is extended to allow the implementation of call control capabilities.
- Visiting user profile: A user will be able to log into any 9600 series Deskphone within the configured network of systems using their unique user identifier and password.
- The following new system parameters have been added to the list of 9600 Series H.323 Customizable System Parameters
 - AGTCALLINFOSTAT - Automatically invokes the Call-info permission flag; for Call Center use only.
 - AGTFWDBTNSTAT - Disables/enables the Forward button permission flag; for Call Center use only.
 - AGTGREETINGSTAT - Sets the agent greeting permission flag; for Call Center use only.
 - AGTLOGINFAC - Indicates the Feature Access Code to be used by agents when logging in to a Call Center; for Call Center use only.
 - AGTSPKRSTAT - disables/enables the speakerphone permission flag; for Call Center use only.
 - AGTTIMESTAT - suppresses the date/time presentation flag; for Call Center use only.
 - AGTTRANSLTO - Translation for "to" as used on the call server; for Call Center use only.
 - AGTTRANSLCBK - Translation for "callback" as used on the call server; for Call Center use only.
 - AGTTRANSLPRI - Translation for "priority" as used on the call server; for Call Center use only.
 - AGTTRANSLPK - Translation for "park" as used on the call server; for Call Center use only.
 - AGTTRANSLICOM - Translation for "icom" as used on the call server; for Call Center use only.
 - CALLCTRSTAT - Call center functionality flag; for Call Center use only.
 - OPSTATCC - OPSTAT override flag; for Call Center use only.
 - TIMERSTAT - Controls whether the User Timer Timer On and Timer Off softkeys display on the Deskphone or not.
 - ADMIN_HSEQUAL - specifies handset audio equalization standards compliance
 - DEFAULTRING - specifies the default ring tone
 - BLUETOOTHSTAT - specifies whether the user is given an option to enable Bluetooth
 - HEADSETBIDIR specifies whether an alerting tone is generated on the headset interface

- RECORDINGTONE specifies whether Call Recording Tone will be generated on active calls
- RECORDINGTONE_INTERVAL specifies the number of seconds between Call Recording Tones
- RECORDINGTONE_VOLUME specifies the volume of the Call Recording Tone in 5dB steps
- SSH_ALLOWED specifies whether SSH is supported
- SSH_BANNER_FILE specifies the file name or URL for a custom SSH banner file
- SSH_IDLE_TIMEOUT specifies the number of minutes of inactivity
- LANGLARGEFONT specifies the name of the language file for the display of large text
- The Management Information Base (MIB), available on the Avaya support site has been updated for several new parameters and to increase the number of syslog event messages in the endptRecentLog and endptResetLog parameters.
- The deskphone display now combines the Title line and the Prompt line shown on other 9600 Series IP Deskphones into one Status line. The Status line appears as the second display line, under the Top line.
- Headset RX gain (volume) levels were increased by average of 2-5dB.
- Weather and clock indications.
Powered by "World Weather Online" <http://www.worldweatheronline.com> and "The Weather Channel" <http://www.weather.com/>

Call Center enhancements

- Agent greeting support:
 - Greeting maximum size is 10 seconds, and about 6 greetings can be saved.
 - Manual recording of agent greetings is supported.
 - Agent Greetings can be saved on the phone between logins by the same Agent.
 - Automatic prompting for greeting.
 - Greetings can be automatically triggered per event such as time of day, answering a call, ANI, VDN and prompted digits.
- Agent login and logout detection via CTI or Abrv-dial.
- User Timer extended after call is over.
- Administrator can disable the hook switch via the settings file to prevent agents accidentally going off hook and then on hook with the handset. This had resulted in them disconnecting the active call and being logged out.
- Call appearance is now 15 characters wide for VDN name for touch phones, for button phones it must be 12 or 24 characters wide, depending on screen width.
- The Agent can press the UII-INFO button to get the UII information displayed. If this information does not fit on the allocated display area the content will scroll on the line.
- The Agent can use the Caller info button to view secondary information about the ongoing call (collected digits, qcalls, q-time, trk-id, VuStat display, and uui-info).
- Call Recording Tone administrable.
- Dual headset adapter support.
The agent desk phone, with the dual headset adapter box, provides two headset ports for the agent and the supervisor using the standard RJ9.

Support/Maintenance enhancements

- Secure Shell (SSH)
- Enhanced Debug mode
- The Management Information Base (MIB), available on the Avaya support site at <http://www.avaya.com/support>, has been updated for several new parameters and to increase the number of syslog event messages in the endptRecentLog and endptResetLog parameters.

H.323 6.2 Package Content

The H.323 6.2 package contains all the files necessary to upgrade Avaya new or previously installed IP Deskphones to H.323 6.2 load.

The following files are included in each package:

- S9608_11HALBR6_2_0_09_V452.tar - The 6.2 H.323 phone application tar file for 9608 and 9611G models.
- S9621_41HALBR6_2_0_09_V452.tar - The 6.2 H.323 phone application tar file for the 9621G and 9641G models.
- S96x1_UKR_V13r33_V13r33.tar – The 6.2 H.323 Kernel and root file system tar file.
- 96x1Hupgrade.txt – This file is downloaded by the 9608/9611G/9621G/9641G IP Deskphones and instructs the phones on how to upgrade. **DO NOT EDIT** this file. You **MUST USE** the 96x1Hupgrade.txt file included in this package to upgrade an H.323 software
- Sixteen predefined language files for phone display:
 - mlf_S96x1_V72_arabic.txt
 - mlf_S96x1_V72_chinese.txt
 - mlf_S96x1_V72_dutch.txt
 - mlf_S96x1_V72_english_large.txt
 - mlf_S96x1_V72_french_can.txt
 - mlf_S96x1_V72_french_paris.txt
 - mlf_S96x1_V72_german.txt
 - mlf_S96x1_V72_hebrew.txt
 - mlf_S96x1_V72_italian.txt
 - mlf_S96x1_V72_japanese.txt
 - mlf_S96x1_V72_japaneseFW.txt
 - mlf_S96x1_V72_japaneseKat.txt
 - mlf_S96x1_V72_korean.txt
 - mlf_S96x1_V72_portuguese.txt
 - mlf_S96x1_V72_russian.txt
 - mlf_S96x1_V72_spanish.txt
 - mlf_S96x1_V72_spanish_latin.txt
 - mlf_S96x1_V72_template_english.txt
 - mlf_S96x1_V72_trad_chinese.txt
- av_csca_pem_2032.txt (Avaya Call Server Root Certificate)
- av_prca_pem_2033.txt (Avaya Product Root CA certificate)
- release.xml

The signatures in the signatures subdirectory of the .zip distribution packages are only intended to be used by the file server, and the file server that is on the CM6.0 Utility Server is the only file server that currently supports this.

Systemspecific parameters should be entered into the 46xxsettings.txt file which is available for separate download at <http://support.avaya.com>

The H.323 6.2 package is available in the following versions:

- Versions with encryption enabled
 - 96x1-IPT-H323-R6_2_0_09-021112.zip
 - 96x1-IPT-H323-R6_2_0_09-021112.tar
- Versions with encryption disabled
 - 96x1-IPT-H323-R6_2_0_09U-021112.zip
 - 96x1-IPT-H323-R6_2_0_09U-021112.tar

H.323 6.2 Known issues (Communication Manager-Related)

The following table includes desk phone known issues which are relevant when the phone is administered by a Communication Manager (CM):

ID	Issue Description
1	<p>Translation files for Japanese and Large text are updated and must be replaced before usage.</p> <p>Solution: The two language files for Japanese and Large text (mlf_S96x1_V72_japanese.txt, mlf_S96x1_V72_english_large.txt) were updated to version 73 (see “H.323 6.2 Package Content” for detailed file names list). Update the files names in the settings file on the HTTP server according to the instructions below:</p> <ol style="list-style-type: none"> 1. Obtain the official GA release ZIP file (6_2_0_09). 2. Unzip the file content into a temporary directory. Make sure that subdirectory "signatures" is unzipped too. 3. Obtain the ZIP file containing the updated translation files for Japanese and Large text font (96x1_H323_R6_2_JAP_LTEXT_73.zip) 4. Unzip it into the same directory as in #2 above (if asked whether to overwrite "release.xml" and "release.xml.sig", answer "yes") 5. Re-zip the temporary directory into a new ZIP - the name of the new package must be exactly the same as the original: 96x1-IPT-H323-R6_2_0_09-021812.zip 6. Use the new/modified ZIP file as the package to upload to the utility server. <p>Note: The setting file (46xxsetting.txt) must be updated to include the new languages as follow: SET LANG1FILE "mlf_S96x1_v73_japanese.txt" SET LANGLARGEFONT "mlf_S96x1_v73_english_large.txt"</p>

2	When using the Korean language, names in the contacts application list are truncated. Solution: Open the Details screen to see the full name.
3	In some cases, when codec and media encryption changes are made in the Avaya Communication Manager, phones may experience irritating noise or one way voice path. Solution: Users that are experiencing the problem after the administrative change in CM should reboot the phone. Fixed in CM 6.01
4	When adding/modifying station features in Japanese Language, text appears distorted in the application line. Fixed in CM 5.2.1 SP11 (patch #19308) and CM6.0.1 SP6 (patch #19350)
5	When the value of MYCERTRENEW parameter is set at the settings file, Phones do not always renew the downloaded CA certificate. Solution: Reboot the phone to renew the CA certificate
6	If a phone is ringing while a failover between primary and secondary CMs in a Processor Ethernet duplicate setup occurs, the ringing for the current call will stop. The phone will keep alerting silently until the call is answered or disconnected Solution: The ringing will continue to function properly in the next call
7	When VPNCODE is configured with 7 digits, users cannot open the VPN menu by giving the access code in A menu. Solution: Do not use a 7-digit code length.
8	When an incoming call arrives during dialing, the dialed digits are inserted into the wrong call appearance. Fixed in CM 6.2
9	For SIP 6.2 beta customers: endpoints cannot be upgraded to H323 6.2 from SIP 6.2 phones. Solution 1: downgrade to any SIP version earlier than 6.2 and then upgrade to H323. Solution 2: Upgrade to 6.0 SP5 GA, then upgrade to 6.2 GA
10	After an upgrade / downgrade from 6.0 to 6.2, labels are not always updated on Button Module. Solution: Perform a "Clear" operation then the Button Module will be aligned to the Avaya Communication Manager
11	When using Russian language, an incorrect Ethernet speed is shown in network information menu (100M instead of 1G). However, the phone is working properly according to the network configuration
12	Corrupted XML push messages are not handles properly by the phone. Solution: verify the XML message for proper format before sending.
13	When changing call server IP from Avaya Communication Manager to IP Office and back to Communication Manager, only call appearance feature buttons are displayed Solution: The phone must go through a clear values procedure in order to switch between IP Office or Avaya B5800 to a Communication Manager setup
14	When using high volume levels, an incoming call alert is not heard on the Jabra wireless headsets. Solution: volume must be lowered to 3 bars in order for the headset alerting feature to work properly
15	If the HTTP server is down, and the user is registered by static addresses and modifies

	call server addresses, changes are not reflected on the phone Solution: Verify the HTTP server is up and running before doing administrative changes
16	When the extension of a registered phone with Button Module BM12 is taken by another phone, the “Login” soft key is missing and the phone cannot register by any name again. Solution: Disconnect and reconnect the button module unit, or reboot the phone

H.323 6.2 Known Issues (Call Center Related)

The following table includes the desk phone known issues which are relevant when the phone is administered with call center functionality:

Please Note: For a proper Call Center functionality, you must administer stations as 9650 in Communication Manager for any CM release which is older than CM5.2.1-SP10 or CM6.0-SP4.

ID	Issue Description
1	When moving between states "after call" and "auto-in", an Incorrect status line information appears. This problem observed on 9611 phones only. Solution: Change the extension's configuration on CM to be administered as 9650. CM Fixes (MR defsw100727) were delivered to the following releases: · CM 6.0.1 SP04.00 · CM 5.2.1 SP10.00
2	If CM reboots while an agent is logged in and in Aux-work mode, the headset will remain in off hook mode although the headset led turns off Solution: The LED will start functioning after the first incoming or outgoing call.
3	When switching between agent states and during agent login/logout, an inconsistent behavior of status line on phones may be observed in main screen. Solution: Move to another page, status is then displayed correctly
4	If Agent logs out of a 9641 without making any calls, the headset will not turn off. Solution: Initiate or receive at least one call before logging out.
5	In a contact center environment where unnamed registration is enabled, if an agent is logged into the phone, and then the same extension is used on another phone, then the unnamed registration screen will not appear. Solution: Reboot the phone
6	When configuring more than one greeting with the same rule (auto answering for all calls), neither would be heard on the incoming call. Solution: Configure different rule for each greeting

7	If a user is adding a new greeting, but instead of saving it, he click “cancel”, the greeting will still appear in the greeting list. Solution: Delete the greeting from the list
8	When configuring agent greeting rule by setting “AGTTRANSLTO” to "to" in the settings file, and the language on CM is not English, an associated VDN greeting won't be played. Solution: Use English for VDN rules
9	If the far end disconnects a call, while an agent greeting is being played, then the next incoming call immediately afterward will not hear the automatic greeting Solution: In such a case, the Agent will not hear the automatic greeting will be able to respond

H.323 6.2 resolved Issues

H.323-6.2 release provides continued improvement and optimization to key audio functions as well as stability, robustness and reliability.

The following table includes desk phone resolved issues which are relevant when the phone is administered by a Communication Manager, Call Center or IP Office:

ID	Issue Description
1	The call-forward icon for Team Button is not displayed
2	For phones administered as a team, the on hook/off hook status of a member phone is not updated on the 9621G & 9641G Touch Phones unless Phone button is pressed.
3	On 9608 phones, in some cases, the display screen may appear to shift a line downwards causing the softkeys to disappear from view.
4	Sometimes there is short delay in DTMF tones played when digits are dialed.
5	In rare cases, while using the speakerphone mode for dialing, the DTMF tone for last digit double chirps, that makes the end user feel that the number has been misdialled.
6	The phone does not reset its IP address, after it receives DHCPNAK message from the server.
7	In rare cases the phone stops responding while in screen saver mode.
8	Phone fails to establish call while register in Standard Local Survivability (SLS).
9	On rare occasions, the phone might stop responding or reboot while configuring the CRAFT menu.

10	When a user tries to delete characters entered in the login screen, the display is not updated though the characters are deleted. This only occurs on the button phones (9608 and 9611).
11	QTest is not supported.
12	If automatic exclusion is enabled on the phone and you disable exclusion while the on a call, the Conference, Hold, Transfer and Drop soft keys are replaced by a Bridge button. Note: The new CM release will fix this issue.
13	In TTS and non-TTS environments where there LSP servers have different gatekeeper IDs, the phone only tries to connect to the first LSP.
14	In 9608/9611 phones in Contact page, during add or edit contact, when return again to the page of adding new symbols, the cursor might disappear.
15	Display Username does not work when the username starts from I such as in Irene
16	A non administrated button in the CM is ignored instead of being placed as an empty button on the phone screen
17	Headset RX volume is not loud enough. Gain levels should be increased by 2 to 5dB.
18	If the user removes the headset and starts a fresh discovery after successful Bluetooth pairing, BTPI_EVT_SEARCH_RES is received 10 times (shows the same MAC address in every event) and then btpid receives fatal signal 11.
19	No voice path after 200 simple calls
20	Corrupted Prompt Line
21	If the phone reboots while in visiting user mode, the phone does not log in automatically after startup.
22	Auto dial labels on BM connected to 9608 are shown incorrectly
23	Phones do not respond to RSVP requests
24	Phone time is drifting without external sync messages.
25	SBM button updates problem after power-cycle.
26	The UI is not refreshed in the CC Environment
27	Posted messages do not work properly with 9608/9611 in split screen mode.
28	Phone subscribes to push server when registering in unnamed mode
29	Phone parameter "PERSONALWAV" default value is 9. It should be 1.
30	Softkey label is truncated in WML browser
31	AGC settings file values are stored in HTTP backup file even though no change was made by the user.
32	9641 phone requests an 802.1X password even though the 802.1X authentication is disabled on the switch.
33	9621/9641 truncates the second digit from weather temperature.
34	9608 phones are missing functions, e.g. transfer, as the display has been shifted down by one line
35	Delay in dialed digits being displayed on phone.
36	The DTMF feedback and display of digits are delayed in splitscreen mode on

	9611.
37	Sluggish Response of key press in power save mode
38	The phone doesn't prefer to take DHCP Offer with Option 242
39	The PHONE screen is not changed to main menu screen in response to an off-hook or an incoming call
40	WML proxy authentication doesn't work
41	9611 Cannot save Contacts to USB flash drive
42	The ZipTone is not heard as audio cut-through is almost 400ms
43	AGC parameters in setting file are disregarded by the phone
44	After 6.020S installation, when the guest login time expires during a call, the phone will reboot and will drop the call.
45	Distorted dial tone after an off hook (outgoing calls are enabled)
46	The phone boots up with a blank screen
47	Very slow performance of WML on 96x1 with R6.0.
48	Pulsating dial tone and fragmented rtp audio.
49	Calls answered on speaker have low volume
50	Phone User's hearing "click" when shuffling is turned on.
51	Contacts Backup/Restore fails on 6.2
52	Call Center environment - Users must preview the complete greeting from the start to the end. Stopping the preview in the middle prevents the user from playing this greeting during a call.
53	Call Center environment - the Release soft key button is missing while the agent is in ring back state while establishing a call. This only happens if RINGBKFEATURES is null and agent greetings are not used.
54	Call Center environment - reviewing an agent greeting during a call results in no audio path for the call.
55	CallCenter agents do not hear zip tones for incoming ACD calls15a
56	Bad Audio on IP Office
57	Cannot register a 9608 phone to B5800/IP Office with French character in button label
58	When the DHCP server is down, reusing the previous received IP address from the server is not supported.
59	Using Sleep mode on a phone over VPN might cause the phone to reboot or not operate correctly.

H.323 6.0/6.1 resolved Issues

Issues resolved in previous service packs, which are also included in this version:

ID	Issue Description
1	Upgrading the 962G1 to different service packs while using CM Utility server

	with HTTPS is now possible.
2	In rare cases, an incoming call would cause the 9641G phone to ring continuously and then reboot. The issue is now resolved.
3	Transfer of audio and text to 9611G and 9608 phones possible now with ANS push server.
4	The phone now displays the corresponding name for an incoming call from an existing contact.
5	A call to an idle phone after its backlight turns off, results in continuous ringing and a reboot sometimes. The issue is now resolved.
6	Incorrect EHS timing values were causing issues with some headsets. The issue is now resolved.
7	Contacts pairing was not working on incoming calls if a + sign was used with the number, example +919850881431. The issue is now resolved.
8	When the user presses the contacts button while on Extension in use #to register screen, a continuous error beep was heard. The issue is now resolved.
9	Configuring a 9608 phone having a station name greater than 16 chars long, would result in the topline displaying the call timer with last digit missing. The issue is now resolved.
10	On an incoming call to a phone having the Send All Calls (SAC) feature activated, timer gets stuck on Top line Status Message (TSM), if SAC button is pressed immediately after ending call. This issue is now resolved.
11	On 9641G sets, the weather application information can now be saved.
12	On the web browser of the 964G1 touch screen phones, the alignment for the check boxes and option buttons is now correct.
13	For 9608 and 9611G phones, call timer on TSM would be overlapped by Caller info. The issue is now resolved.
14	After Logout, the Extension field was not be pre-populated with last used extension, if QKLOGINSTAT is set to \"0\" in the 46xxsettings file. The issue is now resolved.
15	Audio quality for narrow band handset in 9641G has been improved.
16	The contacts edit number field has been increased to display up to 18 numbers on the 9621G & 9641G phones.
17	H.323 6.0 SP4.1 TTS cause a registration issue where the Tcp socket is not yet completed.
18	The Phone screen was not be updating properly when SBMs (Button Modules) are attached sometimes. The issue is now resolved.
19	The 964G1 phone updated with H.323 R6.0 SP4.1 would sometimes stop resonding and reboot after last call of several calls. The issue is now resolved. wi00919714, After setting personal ring-tones and rebooting, another ring-tone would be active. The issue is now resolved and personal ringtone is played as per the selection.
20	A resource leakage that led to outage of descriptors has been fixed.
21	On phones, personalized ringtone would not be saved when the phone was logged out and then logged in from another extension. The issue is now resolved.
22	AUDIOSTHS and AUDIOSTHD parameters are now working.

23	You can now perform HTTP backup if port other than 80 is set.
24	9641G using H.323 6.0 SP4.1 (6.016T) with Button Module attached and with setting of PHNSCRALL1 would lock up and reset during transfer. The issue is now resolved.
25	Phone user configured volume settings are now retained between reboots.
26	Improved AGC response now maintains comfortable voice levels for contact center phones.
27	The World clock and Weather application working now in VPN scenario on setting WLMPORT value other than 8080.
28	On receiving a call from a softphone in shared control, the phone did not display redial option for call although call was displayed in history. The issue is now resolved.
29	SNMP query (MIB walk) working properly when device is registered for SNMP at CM.
30	Contact name can now display more than 12 characters.
31	For second incoming call, ring alert was too short. The issue is now resolved.
32	In some configurations, the user would experience high level of jitter influencing voice quality. The issue is now resolved.
33	When user presses headset button to answer call, the handset equalizer profile was activated resulting in audio quality issue. The issue is now resolved.
34	Improved AGC for phones.
35	9608 fails to upgrade over VPN when VLAN tagging is used.
36	9608 phones would truncate some Korean words specified in mlf_xxx_korean.txt file. The issue is now resolved.
37	VPN NAT-T inter-operability issue with Cisco ASA 8.2 is now resolved.
38	On the 9641G, feature buttons were not displayed for administered options where 2 Button Modules were connected.
39	The AUDIOENV parameter in settings file now works as configured to manage the transmit gain of headset audio.
40	9608 and 9621G phone would stop responding if WMLIDLE TIME and URI parameters were set in 46xxsetting file. The issue is now resolved.
41	The phone would ring continuously even after dropping the call when using priority calling FAC. The issue is now resolved.
42	In some cases, after using the phones for long period, the user would experience slowness in response time. The issue is now resolved.
43	Improved interoperability with Plantronic wired headsets (Models AWH45ON & AWH55) in on/off hook state and with on hook signals.
44	Topline push now working properly in phones through Avaya push demo server. (only applicable for patch 6.017C users)
45	Incoming alert is now displayed on UI for incoming call while screen saver is on. (only applicable for patch 6.017C users)
46	The phone plays the selected personalized ring only applicable for patch 6.017C users.
47	Upgrading 9621 may fail while using HTTPS in certain cases.
48	The phone enters a loop if both LLDP MED Network policy TLV & VLAN

	NAME TLV are advertised in the Extreme switch simultaneously.
49	In some cases, softkeys are not updated after pressing drop softkey
50	Incoming ringtone alert for 1st CA gets stopped at all, when user toggles 2nd CA while the first CA is busy in incoming call.
51	There is about 1sec of speech drop-out in the phone every ten seconds. The RTP is clean.
52	Bad audio quality after upgrade from 12S to 12Y
53	Garble on shuffled calls (Bad timestamp issue)
54	Date and time freezes on the display
55	Stutter dial tone after upgrade from SP2 to 12t in Extended Rebind state.
56	The same SSRCs are used by more than one phone within minutes of each other
57	9608 & 9611: noise on active call, when second call is ringing at 2nd appearance
58	No dialtone on 9608/11 phones.
59	9611 with 802.1x authentication enabled does not switch to voice VLAN from data VLAN
60	Phone loops and get reboot by displaying \"Retreival in Progress\"
61	Phone does not contact the HTTP server if the DHCP has HTTPSRVR entry as FQDN.15
62	ARP sent every 40 seconds at customer site
63	\"USB Device Detected\" warning displayed on phone screen intermittently, even if no USB device is attached.
64	Complete softkey button sometimes not seen during transfer operation
65	When vlanTest set to less than 10, phones move from voice VLAN to Data VLAN
66	Phone fails on ESS interchange scenario
67	Phones SDES information in RTCP packets contains some non-printable characters
68	9608 IP phones cannot make calls in SLS mode in G430, on 6.0 SP3.
69	No ARQs are sent to ESS when TCP link lost while user is on call
70	Phone loses track of TCP-KA failures when failover happens while on a Call + user presses Switch FBs
71	Audio quality needs an improvement - Audio parameter modifications for 96x1 speaker device
72	H.323 DHCP release for the data VLAN is broadcast but not unicast.
73	DTMF tone stuck during dialing
74	last feature button is \"duplicated\" and unusable
75	While xfer/conf call the highlight of 2nd call-appr changes to 1st call-appr when CM audit runs
76	Phones have stutter dial tone when going off hook with receiver or SPEAKER.
77	Improper call log history display for long numbers.

78	Login fails when restoring truncated _96xxdata.txt
79	Network performance goes down when PC with 1 Gbit port is connected to the pc port of 9641 phone14c
80	Phone does not update ringer after transfer for external calls
81	9641 fwd icon not shown on the topline
82	Very slow performance of WML on release R6.0
83	9608 Japanese Unicode label is not shown correctly with Phone Display Language set to English
84	\\"enter\\" is not seen on VPN login screen using 9608 with German translation

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This library's function is primarily to read and display MNG animations. It is not meant as a full-featured image-editing component! It does however offer creation and editing functionality at the chunk level. (future modifications may include some more support for creation and or editing)

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libcap 2.06

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel **Email local part:** ph10 **Email domain:** cam.ac.uk **University of Cambridge Computing Service, Cambridge, England.**

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libstdc++ 4.3_2

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bind 9.5.0-29.b2

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Xinetd 2.3.14-3.1

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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