

Spectralink SIP GA Release Notes

Version: 131.038
Based on: 131.037
Build date: 11/21/13

Versions

Component	Version	Filename
USBDL	113.012	pd14udsi.bin
OTADL	119.097	pd14odsi.bin
SHIM	119.097	pd14shsi.bin
Functional Code	131.038	pd14csi.bin
Phintl	132.038	pi1400si.bin

New Features

- none

Fixes

Bug	Description
ESCWIRE-429	ShoreTel hunt group issues
ESCWIRE-483	ShoreTel mis-spelled in Proxy setting in SIP configuration files
WTC-2790	Interop issues on ShoreTel PBX version 13

Known Issues

Bug	Description
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Spectralink SIP GA Release Notes

Version: 131.037
Based on: 131.036
Build date: 11/7/2012

Versions

Component	Version	Filename
USBDL	113.012	pd14udsi.bin
OTADL	119.097	pd14odsi.bin
SHIM	119.097	pd14shsi.bin
Functional Code	131.037	pd14csi.bin
Phintl	132.037	pi1400si.bin

New Features

- none

Fixes

Bug	Description
ESCWIRE-361	8020 continually reboots if in a failover configuration with ININ server
ESCWIRE-363	After updating to 201.149 the phone now gives an assert error
ESCWIRE-368	Hawaii Pacific Hospital. Many calls fail with Rejected Internal Server error.
ESCWIRE-377	Phone displays rejected when rolling over to the secondary ININ IC server
WTC-2710	Firmware not turning off DMA causing DMA errors, network problems and asserts
WTC-2770	Not able to make/receive calls the phone displays "No Call Selected"
WTC-2773	ININ processing does not free the transaction and msg blocks used for the OPTIONS sent before an INVITE

Known Issues

Bug	Description
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Spectralink SIP GA Release Notes

Version: 131.036
Based on: 131.035
Build date: 8/21/2012

THIS LOAD FAILED QA AND SHOULD NOT BE USED – SEE WTC-2770

Versions

Component	Version	Filename
USBDL	113.011	pd14udsi.bin
OTADL	119.096	pd14odsi.bin
SHIM	119.096	pd14shsi.bin
Functional Code	131.036	pd14csi.bin
Phintl	132.036	pi1400si.bin

New Features

- Programmable softkeys
 - A macro language is added to the admin configuration files that allows the user to specify the layout and functionality for softkeys in the standby and in-call states.

Fixes

Bug	Description
ESCWIRE-289	Handsets being reported as being "not active" when messages are sent to phones.
ESCWIRE-300	Update of code changes language from Dutch to English
ESCWIRE-304	"Association Failure" when trying to use WPA2-Enterprise
ESCWIRE-316	memory/memory.c line 00979 0009aa3e 00000000
ESCWIRE-320	DST is not correctly applied since change in the UK on 25.03.2012 if phone is set to DST Auto (Euro)
ESCWIRE-347	Customer recently updated their WLAN and are now reporting that the handsets do not work correctly due to a invalid GARP TKI
WTC-733	Display contrast resets to default when WT placed in charger
WTC-1888	Missing probe requests in DCA and/or PTT
WTC-2018	AP downgrading voice packets to UP value 3 when medium time is exhausted
WTC-2034	Spanish characters inverted question mark and inverted exclamation point are not getting displayed in OTADL menus
WTC-2069	Early Call transfer is not working if we press OK button entering the transferee's number (phone ringing)
WTC-2100	Unregistered phone is able to receive incoming calls for 5-8 min
WTC-2210	Using redial to transfer the call from the call initiator, gives the number of the current called party
WTC-2228	Calls Selected' screen stays on the phone till we press the End key.
WTC-2241	Mute is disabled automatically if we resume the held call.
WTC-2257	Only one Incoming Call Log entry is getting updated when handset receives two or more calls simultaneously
WTC-2280	WT ignores the succeeding entries in the FAVORITES list when the first element's NAME and NUMBER are enclosed in quotes
WTC-2281	WT is not able to BLIND (unattended) transfer a call to a number in the FAVORITES menu.
WTC-2292	If WT is in 'Trying' screen (when dialing an ext) and the called ext goes off-hook at that time, WT shows 'Busy Here'
WTC-2293	pressing Hold soft key twice immediately, the WT is not able to resume the call
WTC-2298	The phone stays on the 'Enter More Digits' screen till we press the End key.
WTC-2353	Priority channel is getting disabled if we comment out the parameter PTT_PRIORITY_CH_ENABLE in the settings file
WTC-2370	Phone gives an assert message when we use a Root Certificate with key size 4096bits (cloned from WTC-2318)
WTC-2377	pem format certificates can be uploaded over the air and through HAT in the handset
WTC-2417	Phone doesn't send a Re-Register Request if phone subscribes for message-summary event
WTC-2418	PTT_CHANNELS config parameter accepts channel 25 as input
WTC-2432	"Buffmgr.c Line 364" Assert is seen on the phone when the name field in the

- SIP_FAVORITES is set to more than 44 characters
- WTC-2433 Emergency name and number is displayed even if it is not supported by this phone
- WTC-2440 'edasm.asm' assert seen only once after upgrade
- WTC-2444 Phone doesn't look for the slnk_cfg file when the IP Address settings on phone are changed from DHCP to Static
- WTC-2449 There is no voice path for the 2nd call when we have simultaneous 2 incoming calls after the first call is hung up.
- WTC-2450 Call in a ringing state cannot be transferred
- WTC-2451 When outgoing calls are in ringing state and we press the END softkey then both calls get disconnected on the calling party
- WTC-2454 No voice path ICON appears (1st tab) if call is answered by 1st called party after the calling party has initiated a 2nd call
- WTC-2458 Blind transfer to an extension is possible even when the 1st (blind transferred) call is in ringing state.
- WTC-2459 If Media Encryption is enabled on CM and phone tries to call some other phone, it stays on the 'Trying' screen forever
- WTC-2477 If user gets 3rd call when he disconnects 2nd call, then user is unable to resume the 1st call unless he Answ/Rej 3rd call
- WTC-2480 We do not get the default value of the parameter Registerwait in the MIB browser when it is not set in the phone.
- WTC-2487 The over the air download of certificate file and pac file from http server to the phone sometimes fail.
- WTC-2496 The local features of call-forward and Do not Disturb remain active even after the extension is changed on the WT.
- WTC-2505 The call at the calling party is not getting disconnected if coverage point rejects the call.
- WTC-2509 Called party continues to ring if the originated call is ended before the called party starts to ring/has rung only once.
- WTC-2525 Request for configurable softkeys
- WTC-2529 PROTECTED_SPEEDDIAL_NAME parameter does not accept NULL
- WTC-2541 SIP_PROXYn_TYPE does not Syslog an Invalid value message after being set to NULL.
- WTC-2550 Support for new Flash/RAM memory chip
- WTC-2558 Redial will pull up only the first 2 numbers of the last number dialed after Overlap Dialing
- WTC-2560 Speedial and Favorites do not work - WT attempts to overlap dial the speedial number
- WTC-2573 Redial does not always redial the last number dialed
- WTC-2576 MIB Element output when read with MIB Browser is not correct for maintCertificateFilename and mainPacFilename
- WTC-2589 Custom softkey dial with prompt from standby does not work if predial disabled
- WTC-2593 Add programmable softkey parameters to SNMP
- WTC-2595 PTT default channel behavior needs to be changed in SIP version 2 config

WTC-2596 PTT default channel behavior needs to be checked in SNMP

WTC-2597 routine CALLSM_ClearCustomSoftkeyData is in ui_sm.c but should either be renamed or moved to call_sm.c

WTC-2603 Highed missed packet counts reported near SIP keepalive messages

WTC-2608 When a WT is in the cradle and does a Config Reboot - the handset remains off and ends by displaying charging

WTC-2621 OAI dial keys fails intermittently in SIP

WTC-2623 Remove the Spkr soft key while in Call-Forward screen .

WTC-2624 Caller id doesn't get updated in case of Call transfer

WTC-2625 Call forward should not be set with a blank number.

WTC-2626 If we go to Detail Call Log and press "Back" soft key, it should come back to the same Entry in the call logs

WTC-2631 Alerting once is not happening on a wireless device for an incoming call when there is call kept on hold on that device.

WTC-2632 If we dial using Emergency button & at the same time if we receive another call and we answer that call, then there is no voice path between the phones.

WTC-2641 NECThirdParty phone type should escape '#' in URI

WTC-2642 HTTP settings file download fails with IIS HTTP server installed on Win 2003 radius server

WTC-2643 Unstable phone behavior when going out of radio range

WTC-2644 Phonebook does not allow all dialable characters to be entered as number

WTC-2645 If the pac file and cert file are uploaded through HAT then they are not deleted using set pac_filename "" and set server_cert_filename "" in the settings.txt file

WTC-2647 Phone reporting high Late packet count

WTC-2657 Key tone stays on continuously when using emergency call

WTC-2658 PROTECTED_SPEEDDIAL and CALL_LOG_ENABLE parms are not in 46XXsettings.txt file but protected speed dial parms work for Avaya

WTC-2659 PTT is not properly enabled with all 24 channels allowed.

WTC-2662 The Noise Mode icon does not always match the current active Profile

WTC-2663 Don't check privacy bit in probe responses

WTC-2664 The Default PTT Channel cannot be cleared via the Admin Menu or the User Menu making behavior inconsistent.

WTC-2676 Phone Asserts when the server certificate has a key length greater than 2048 bits

WTC-2681 No Voice Path for Call Where 200 OK Fragmented and 1 Fragment Lost

WTC-2682 Phone fails to subscribe to MWI service with "SIP:" in uppercase

WTC-2684 2nd call (ringing state) is not getting disconnected when user resumes the 1st held call

WTC-2686 SIP Phone reboots when we enter more than 20 characters in extension or password field when phone is booting up

WTC-2688 Language is reset to English on Initialization after being set to any Language in the Admin Menu

WTC-2689 PTT Doesn't Work After Factory Defaults Reset Until Priority Channel On
WTC-2690 Time Zone always enters with GMT Highlighted and displayed.
WTC-2692 Current Dflt =1 displays in the Status Line when there is no Default channel as of yet.
WTC-2696 Battery drain is slightly high
WTC-2698 Tran softkey should not be on "Ringing" screen
WTC-2700 Re-enable FAVR softkey during transfer
WTC-2702 If we dial using Emergency button & at the same time if we receive another call and we answer that call, then there is no voice path between the phones.
WTC-2704 Caller id doesn't gets updated in case of Call transfer
WTC-2707 Remove the Spkr soft key while in Call-Forward screen
WTC-2709 Assert config.c In. 2168 in USB downloader
WTC-2717 Phone gets a config.c assert after keeping it on Dual charger
WTC-2737 In OTADL, do not change config TLV for language when switching to internal English
WTC-2740 Channel 1 should be subscribed by default when PTT is enabled
WTC-2742 Phone does not respond to unrecognized Notify messages
WTC-2745 WT sending malformed syslog messages
WTC-2746 If phone does not receive 487 resp after sending CANCEL, the INVITE fbufs and abufs are not cleaned up
WTC-2753 Add sequence number to handoff syslog messages
WTC-2756 WEP ignores packet CRC
WTC-2757 Add keypad LOCK programmable softkey
WTC-2764 SNMP does not work with SRP version 1
WTC-2768 Call fails because ACK is not sent to correct port when using port other than 5060 and also have domain name specified

Known Issues

Bug	Description
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Spectralink SIP GA Release Notes

Version: 131.031
Based on: 131.030
Build date: 11/4/2011

Versions

Component	Version	Filename
USBDL	113.009	pd14udsi.bin
OTADL	119.087	pd14odsi.bin
SHIM	119.087	pd14shsi.bin

Functional Code	131.031	pd14csi.bin
Phintl	131.031	pi1400si.bin

New Features

- Remote File Configuration (Version 2 configuration files)
- HTTP file download
- SNMP support
- SIP syslogs
- Protected speed dial support
- Added soft-key for Transfer when in-call
- Added new proxy types Asterisk_Compatible and NECThirdParty
- Enhancements to behavior when in a charger
 - Backlight comes on for 60 seconds when phone is placed in a charger
 - Phone beeps when placed in a charger and when removed

Fixes

Bug	Description
ESCWIRE-88	WPA-2 Enterprise authentication not working properly.
ESCWIRE-120	During PTT a phone in a voice call will experience poor audio.
ESCWIRE-123	Shoretel PBX has to be rebooted due to lack of call resources.
ESCWIRE-124	PEAP certificate in phone failing with bad CA
ESCWIRE-127	TC Mitel SIP (8030) - Handset does not support UPDATE method.
ESCWIRE-135	TC Mitel 8030 (131.028) - Handset Re-Registration requests are sent every 10 seconds when the PROXY1_REREG_SECS parameter is set at the default value
ESCWIRE-162	Retrieving vmail via the msg soft key causes phone to improperly send ext followed by an @ sign (ie sends 3333@) followed by nothing else.
ESCWIRE-167	Handsets are receiving 500 internal server error for sip option keep alive and not rolling to redundant PBX on mitel
ESCWIRE-172	Verisign cert with VeriSign intermediate CA is failing with our phones.
ESCWIRE-181	Conference call -> memory.c assert
ESCWIRE-196	Authentication Failure w/PEAP
ESCWIRE-197	The from header in the options packets is missing the required tag per RFC.
ESCWIRE-202	Assert buffmgr.c Ln 1312
ESCWIRE-205	Blind transfer failing.
ESCWIRE-217	Handset reboots - experiencing issues with calls dropping and the handset rebooting. The display at this stage shows "No Net Access".
WTC-419	Call Forwarding, Managed by Phone, Does Not Work on Mitel SIP
WTC-1034	common/cardbus.c Line 255
WTC-1040	WT-A not returning to standby screen when call is cancelled in WT-B - Track identification of root cause
WTC-1862	need phones to send a gratuitous ARP or multicast packet at each roam for Aruba

installations

- WTC-1965 If dial string length is more than 90 digits phone is asserting.
- WTC-1986 Toshiba_TC_SIP: During attended transfer, 487 Request terminated message is transmitted to 0.0.0.0
- WTC-1990 CCME_TC_SIP: Mute functionality fails under attended and un-attended transfers
- WTC-2014 Reduce auto dial timeout from 10s to 5s
- WTC-2019 MITEL:TC SIP Phones are not handling 423-Interval too brief error message.
- WTC-2039 check length so don't overrun buffer in routines cfgParseMailAccess and cfgParseMailSubscr in cfgparse.c
- WTC-2049 No Host IP is displayed and IP address source is changed from Use DHCP to Static IP after a manually rebooting
- WTC-2056 Phones locking up after about 5 minutes in self test mode
- WTC-2059 Phone hangs while displaying "Trying" when receive 487 response to INVITE.
- WTC-2060 Enhancement to use long FQDN in SIP config file for the SIP domain
- WTC-2068 SIP Mitel Resiliency does not work properly with WMM - ICMP from primary causes phone to reboot instead of try secondary
- WTC-2088 SIP MITEL: Do not start primary probes until successfully register to secondary
- WTC-2089 SIP MITEL: code incorrectly checking for presence of secondary proxy when have register failure
- WTC-2093 Enable the forward option in Mitel SIP menus
- WTC-2107 Unknown CA is displayed as Alert in trace when Authentication Server displays Reason Code 16 for Unsuccessful Authentication
- WTC-2125 Greater than 60 characters in the Caller ID field results in a hung phone
- WTC-2128 edasm.asm Line 00448 0000001e 00000300 - Handset asserts or locks up when Demo is selected
- WTC-2132 Syslog output sometimes contains a trailing 0x0 at the end of the syslog packet.
- WTC-2142 Implement compatibility requirements for DMA fix on SRP and SIP
- WTC-2147 Flash config internal errors reported on phones
- WTC-2148 Final fix for Graphics Demo asserts
- WTC-2151 Version EAP-FAST auto-provisioning not working with 221.013 code.
- WTC-2193 When Favorites are used to activate the Call forward feature, the phone dials the number instead of forwarding
- WTC-2198 Phone sends traffic at unsupported data rates
- WTC-2200 Language: Italian On the Standby Screen - the extension number runs into the word "Interno" which is Extension in Italian
- WTC-2231 Allow ACM to use the AP setting for AC_VI if Access Control is optional
- WTC-2234 The outgoing call list is not displaying the entries properly.
- WTC-2236 Any ESSID mode not working in site survey
- WTC-2254 PTT channel name wraps to top of standby display if name is 16 characters long
- WTC-2278 DNS breaks if gets ICMP response to query

WTC-2304	OTADL does DNS on empty string for TFTP server
WTC-2308	Call logs detail display corrupt if name or number length greater than 26 characters.
WTC-2309	Final fix for buffmgr.c Ln 1312 assert
WTC-2319	Memory leak in SRP proxy UDP fragment reassembly
WTC-2322	Memory leak in DHCP
WTC-2326	Calling phone keeps ringing after call waiting times out
WTC-2366	Phone answers call with one way audio (may start in hold state)
WTC-2372	TC phones are calculating the duration wrong.
WTC-2415	Time Zone menu sometimes does not display the current setting on entry
WTC-2434	Assert: qos/vmac_qos.c Ln 2450
WTC-2481	Selecting Clear Logs and pressing Exit Soft Key Locks up the handset.
WTC-2493	Add Transfer softkey to in-call softkey menu
WTC-2494	Support EDIT softkey to edit the profile
WTC-2500	Would like softkey created for noise mode
WTC-2511	The Back softkey in Symbol menu doesn't work when entering SIP login credentials
WTC-2519	Shorten time to complete USB and get to power up beep.
WTC-2524	Inband DTMF is not being sent until 200/OK (was ESCWIRE-247)
WTC-2533	memory/memory.c Line: 00503 00000000 00000000
WTC-2539	Phone will not hand off if the AP answers probe requests at 11 MBPS but doesn't support 11 MBPS
WTC-2544	PBX Unreachable message is displayed when any line gets ICMP message for bad port, even if other lines should be working
WTC-2549	SIP_PROXYn_PRACK parameter in Mitel produces a 481 Response.
WTC-2553	Changes for SIP Proxies
WTC-2565	PTT transmissions are received and PTT Default channel displays on Standby screen when PTT is disabled in the current profile
WTC-2567	Profile settings do not reliably become applied

Known Issues

Bug	Description
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Spectralink SIP Release Notes Version 131.030. Built on 12/16/2010.

This is a release load based on version 131.028.

Versions

Component	Version	Filename
USBDL	113.008	pd14udsi.bin
OTADL	119.081	pd14odsi.bin

SHIM	119.081	pd14shim.bin
Functional Code	131.030	pd14csi.bin
Phintl	132.030	pi1400si.bin

New Features

- Support for Rev C phone hardware.

Recent hardware changes affect the SpectraLink 8020/8030 Wireless Telephones. The affected products can be identified by a “Rev C” on the label.

The changes require the minimal software version 130.030 to run on the handset.

The default software installed at the factory will not allow older versions of code to be downloaded to these handsets, either over the air or via the Handset Administration Tool (HAT). If a site is set up to download older code over the air (from a TFTP server), Rev C handsets will silently fail to download the code, will boot to the functional code currently installed and will display a download icon with a strikeout (X) through it to indicate the download failed due to incompatible software. For more information on the failed download icon, please refer to the Status Icons section in Chapter 1 of the SpectraLink 8020/8030 Wireless Telephone User Guide with SpectraLink Radio Protocol (SRP).

If a system administrator attempts to download down-rev code to the phone using the HAT tool, HAT will display an error and fail to download the code.

Note that due to this behavior, it is possible that a site may be running older code on pre- Rev C handsets and newer code on Rev C handsets. This is an acceptable configuration, but users should be aware that there may be slight changes in behavior with different versions of software.

Fixes

Bug	Description
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Known Issues

Bug	Description
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Spectralink SIP Release Notes Version 131.028. Built on 6/30/2010.

This is a release load based on version 131.027.

Versions

Component	Version	Filename
USBDL	113.007	pd14udsi.bin
OTADL	119.076	pd14odsi.bin

SHIM	119.076	pd14shim.bin
Functional Code	131.028	pd14csi.bin
Phintl	132.028	pi1400si.bin

New Features

- Mitel Resiliency
- Call Logs for Asterisk call servers
- Support for Spanish, French, German and Italian
- Added support for the entire ASCII character set for WPA passphrases
- Added feature so phone will automatically dial the entered phone number after a timeout period, instead of having to press START (previously, the phone went back to standby after the timeout)

Fixes

Bug	Description
ESCWIRE-83	Choppy audio
ESCWIRE-88	WPA-2 Enterprise authentication not working properly.
ESCWIRE-91	PLCM SIP (131.027) handset times out when entering voicemail password when utilizing the MSG softkey to access voicemail.
ESCWIRE-92	TC SIP (131.027) WMM - Handsets sporadically displaying NO NET FOUND at different stages of a call within the facility.
ESCWIRE-101	No PBX Response and Assoc Fail.
ESCWIRE-113	Favorites softkey timeout problem.
ESCWIRE-116	SW errors: crypto/crypto.c linexxx.
ESCWIRE-119	SIP 8030 displays "proxy auth failed" when trying to resume from hold.
WTC-1582	ShoreTel_TC_SIP:Longer Username in Favourites gives memory and buffer manager errors.
WTC-1585	CCM5.1_TC_SIP: memory.c assert Line 0576 when Dial String is entered to maximum possible length and a call is tried.
WTC-1711	Phone does not fully enter QOS (not passing traffic on QOS intervals) during incoming ring (SIP)
WTC-1719	Key Tone doesn't play the first keypress
WTC-1749	SIP WMM phone does not send uplinks for 120ms
WTC-1759	ININ_TC_SIP:Phone sends the failover register message with Destination IP as 0.0.0.0 when PROXY1_FAILOVERIP is not configured
WTC-1762	CCM_SIP_TC: Attended transfer fails
WTC-1766	Asterisk_SIP_TC: Phone will get stuck when user toggles between the LINE 1 and LINE 2
WTC-1771	CCM7.0_SIP_TC: Attended transfer failed
WTC-1773	CCME_SIP_TC: Wrong status icon is displayed when the call is held by both the phones.
WTC-1779	Phone is reporting the incorrect handoff reason code
WTC-1785	WTs are not monitoring Spectrum Management bit in Beacon's Capability IE

WTC-1790	Fix SIP options handling so a response greater than 300 will not stop the keep alives
WTC-1792	RADIOTX_LockupRecovery broken and causes radio RX lockup
WTC-1803	Change phrases in SIP symbol menu so are more accurate
WTC-1804	Phones get DEAUTHed by AP when the AP misses the Ack from the phone.
WTC-1819	DCA behavior sticks at Data Rate 2.0 Mb/s BG
WTC-1821	DCA scans Channel 14 on the B Radio band during Power On.
WTC-1825	radio/radiomgmt.c assert received when flipping through diagnostic screens as the Handset loses its AP and is running DCA for another.
WTC-1851	WPA passphrase needs to support entire ASCII character set
WTC-1856	NEC_IS3000: src/buffmgr.c Line 921 assert - when proxy1_keepalive_secs option is set
WTC-1868	Caller id shows callers name, but not caller's number - on trunk calls just the Trunk name is displayed
WTC-1882	Dont send "DCA initiated radio reset" and LockupRecovery messages in standby.
WTC-1894	Selftest power down keytone, audio routing, and DL icon bugs.
WTC-1905	EDCA parameters are not getting handled correctly
WTC-1906	Record maximum RSSI per AP and limit probe responses to one per averaging probe cycle
WTC-1915	Calls are occasionally placed on hold automatically
WTC-1916	Dial number when phones times out instead of dropping back to standby
WTC-1919	Keypad is active during phone book speed dialing
WTC-1922	phones shows crypto error message in the Syslog when the phone is reset to defaults and reconfigured
WTC-1925	DELTAPATH SIP: Mute indicator is not evident to most users
WTC-1936	memory.c line 562 assert while in charger and making a call
WTC-1946	Add info to LINE menu to display the proxy currently registered to (if any) for each of the possible 5 lines.
WTC-1961	Only 1 way audio is heard on the handsets when more than 1 line is used.
WTC-1979	Cannot highlight the 5th line in the LINE menu

Known Issues

Bug	Description
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Spectralink SIP Release Notes Version 131.027. Built on 1/29/2010.

This is a release load based on version 131.026.

Versions

Component	Version	Filename
USBDL	113.007	pd14udsi.bin

OTADL	119.072	pd14odsi.bin
SHIM	119.072	pd14shim.bin
Functional Code	131.027	pd14csi.bin
Phintl	132.027	pi1400si.bin

New Features

- none

Fixes

Bug	Description
ESCWIRE-83	Choppy audio when in call with some wired desksets

Known Issues

Bug	Description
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SpectraLink 8020/8030 Wireless Telephone

This is a release load based on 131.024

Versions

USBDL	113.007	pd14udsi.bin
OTADL	119.072	pd14odsi.bin
Shim	119.072	pd14shim.bin
Functional Code	131.026	pd14csi.bin
Phintl	132.026	pi1400si.bin

New Features:

- New RTLS intervals 15 and 30 seconds are added.

Fixes

- ESCWIRE-9: Svc Esc (476885) WT displays "No Net Access", yet call reaches station, but there is no audio, then call must be canceled at station (was WTC-1553)
- ESCWIRE-37: Assert memory.c ln 576 in USB
- ESCWIRE-48: Communication problem (no sound between Nokia Phone (E71) with SIP protocol) and Spectralink 8020 (was ESCWIRE-48)
- ESCWIRE-51: WTs experience high frequency of Flash Config errors
- ESCWIRE-52: Handset does not display OAI IP Address in the System Information screen available while in standby.
- ESCWIRE-62: DCS100 Single Chargers - WT powers on in charger or does not charge WT consistently

- ESCWIRE-68: Phone is not using stored SVP address when DHCP option 151 not sent
- WTC-341: Low Battery causes SIP Phone to not initialize and does not display proper error message
- WTC-546: Resumed call goes back to standby after 10 seconds if resumed from active call state machine with softkey2
- WTC-606: Reject soft key doesn't work on Cisco UCME.
- WTC-1494: qos/vmac_qos.c LLine 2541 occurs when start is pressed on the phone
- WTC-1502: memory assert :: memory/memory.c line 00994 00091c10 00000000
- WTC-1556: Pingtel_TC_SIP: Call reject failed when voice mail is disabled on pingtel PBX
- WTC-1557: CCME_TC_SIP: Hold key press at the same time on both Caller and Callee affects the voice call.
- WTC-1565: ININ_TC_SIP:Phone is asserting when there are 60 characters in the LINE1_CALLID in the config files
- WTC-1603: Phone intermittently will not ring when running WPA2-PSK
- WTC-1622: Phone sleeps after sending SIP keep alive, causes keep -alives to be consistently retransmitted
- WTC-1649: Handset does not send probes during PTT resulting in hanging on to the old AP when it should roam.
- WTC-1698: With Toshiba, simultaneous hold on both end points affects the voice call.
- WTC-1700: Pingtel SIP: call drops around 8 seconds after started due to unanswered PRACKS
- WTC-1710: When PRACKing takes extra time, START does not answer phone properly.
- WTC-1727: Memory leak in function DHCP_EH_Timer().
- WTC-1730: Calling phone goes to standby in an active call without user intervention(this happens only if the NAV_SEL ("OK") Navigation key is used to make the call common/cardbus.c Line: 00255 00000010 00001005
- WTC-1737: Called party sometimes places calls on hold automatically when answered
- WTC-1754: Asterisk_BE_TC: Phone asserting when Resumed after doing a simultaneous hold.

Known Issues:

- WTC-1763: AsteriskBE_SIP_TC: simultaneous hold and resume on both phones, will results to the call termination.

On ABE systems, if hold is pressed on both ends at the same time the call will terminate. This is a problem in the PBX and cannot be fixed on the client. Users should be aware of this issue, but this bug has been closed at Spectralink.

SIP Release Notes (v131.024) – 27/Oct/09

This is a release load based on 131.021

Versions

USBDL	113.006	pd14udsi.bin
OTADL	119.068	pd14odsi.bin
Shim	119.068	pd14shim.bin
Functional Code	131.024	pd14csi.bin
Phintl	132.024	pi1400si.bin

New Features:

- Emergency Call
- Enhancements to behavior when in a charger
 - Backlight comes on for 60 seconds when phone is placed in a charger
 - Phone beeps when placed in a charger and when removed

Fixes

- ESCWIRE-5: Svc Esc (469283): Phone is unable to make calls (InIn)
- ESCWIRE-9: Svc Esc (476885) WT displays "No Net Access", yet call reaches station, but there is no audio, then call must be canceled at station
- ESCWIRE-17: Svc Esc (469840): A root certificate was loaded on the phone but was not able to correctly ID a cert from that CA that was generated for the radius servers
- ESCWIRE-18: Svc Esc (473391): syslog times reported by phones may be off.
- ESCWIRE-31: Spectralink 8020 SIP: No speech path between handset and station IP-PBX.
- ESCWIRE-38: SIP phones won't timeout from partial pre-dial
- ESCWIRE-53: memory/memory.c error. Line:00576. WiFi Trapeze AP models MP-372, MP 422
- WTC-172: Speaker Phone Softkey Active with Headset on Power Up
- WTC-197: When phone is in charger, display is sometimes only battery bars
- WTC-227: PTT Default Channel display
- WTC-466: Missed Call Status Indication (Icon) not cleared when missed call log cleared
- WTC-509: The No PBX Response error message in French goes off the screen.
- WTC-540: Yes and No response to the Yes to Verify, Delete PAC (Delete Certificate), do the same thing
- WTC-587: Dial plan options set from handset admin menus allow out of range value to be set
- WTC-836: ININ_TC_SIP:Phone is not redirecting to voicemail when it is in do not disturb mode
- WTC-1010: Using * or + in protected speed dial number leads to assert.
- WTC-1065:SIP Keepalive not being used in SVP QoS
- WTC-1114:PTT Priority while in Cfg menu leaves a remnant on the screen
- WTC-1139:2XX response retransmission
- WTC-1202:DELTAPATH SIP: Message Waiting Indicator not set at power up
- WTC-1228:Call doesn't stay muted after placing and retrieving a call on hold.
- WTC-1258:OTADL: Run Site Survey hangs with message "Waiting..."
- WTC-1268:Audio Quality: Poor audio quality when using Asterisk SIP
- WTC-1283: Assert: vmac_isr.c line 471
- WTC-1285: Wrong position of pointer when pressing "Del" key

- WTC-1304:Phone displays No SVP Response instead of Service Rejected
- WTC-1320:Name Display is not working correctly for a blind transfer to a MH150/160 handset
- WTC-1321:Name Display is not working for simply dialing from an MH150/160 handset
- WTC-1322:Name Display is not working for a blind or supervised transfer for the MH150/160 which is facilitating the transfer.
- WTC-1332:src/buffmgr.c line 1477(or 267) in WMM QoS (CCX) on PALPHA against Brekeke SIP PBX in standby after 60 seconds if SIP Keepalives (OPTION Request msgs) are configured
- WTC-1333:Muting Microphone in Speakerphone mode does not keep microphone from cutting into half-duplex audio
- WTC-1361:Information about PROXY1_KEEPLIVE_SECS is not correct in sip_allusers.cfg and sip_xxxx.cfg
- WTC-1381:PLCM-SIP is not renegotiating the Control TSPEC upon reassociation with the same AP when TSPEC eliminated via DELTS from AP
- WTC-1389:SIP-CCME: Multiple Line Registration Will Not Work without PROXY1_CALLID_PER_LINE=enable
- WTC-1390:Svc Esc (466648) CCME SIP: Phones become unregistered. Re-registration fails on the 3rd attempt
- WTC-1397:Svc Esc (469259): Phone lockup in standby
- WTC-1401:DHCP_GetOption() len variable not initialized and memory leak in dhcpSktDataAction()
- WTC-1415:Phone disappears from wireless trace, panic roams and reports LOST_AP in syslog reason code
- WTC-1426:Add 60 second backlight on for charger insertion
- WTC-1443:ASTERISK SIP: Attended Call Transfer Failures
- WTC-1445:Svc Esc (469847): SLL Sweden fixes for WTC-548 were not included
- WTC-1489:Svc Esc (472895): Phone behavior is unfriendly when phone can't find the network while in the charger
- WTC-1507:Add audible tone when phone is placed in charger
- WTC-1517:Softkey outline and icon divider line not showing up in OAI layout
- WTC-1538:Charger Error with extremely low battery in charger
- WTC-1540:When in an OAI session, an incoming PBX call does not blink the PBX Call icon
- WTC-1542: Set Graphics Area command on IP phones always writes a multiple of 8 pixels, padding with 0s, even when user asks for less
- WTC-1543:PT does not always send PBX Started/Stopped ringing PT_EVENTS to OAI GW if in a PT initiated OAI Session
- WTC-1556:Pingtel_TC_SIP: Call reject failed when voice mail is disabled on pingtel PBX
- WTC-1563:Mute function do not work as per the intended behavior in attended transfer.
- WTC-1564:ShoreTel_TC_SIP: While there are two incoming calls focus do not change to the second call to reject the second call.
- WTC-1566:Resm softkey does not appear immediately on stby screen for HELD call
- WTC-1567:Asterisk_TC_SIP: Simultaneous Mute on both phones(in call) ends the call.
- WTC-1568:SIP Phones displaying option selected in the FCN menu
- WTC-1570:TC_SIP: Speed Dial doesn't work when the mode of dial string is set other than 'Numbers' and 'Numbers + English'.

- WTC-1582:ShoreTel_TC_SIP:Longer Username in Favourites gives memory and buffer manager errors.
- WTC-1584:SIP: Simultaneous End and then Answer of call on both phones respectively freezes the called phone's display.
- WTC-1585:CCM5.1_TC_SIP: memory.c assert Line 0576 when Dial String is entered to maximum possible length and a call is tried.
- WTC-1590:Pingtel_TC_SIP: destined phone soft keys are not functioning when call is forwarded by PBX
- WTC-1595:Time display is off by an hour
- WTC-1598:Assert memory.c line 576 caused by OAI
- WTC-1600:Audible tone when phone is placed in charger plays on error
- WTC-1601:In OAI, text boxes in layout for large font are incorrect and overlay the separator line for the icons
- WTC-1605:Retry of PSPOLL should not have retry bit set in frame control word
- WTC-1626:After WTA transmits a Priority PTT, the 5th line displays an Ext.
- WTC-1635:First time display is correct, after that it is off by -4:45.
- WTC-1642:Incoming priority OAI call does not turn on the OAI call icon if IP phone is in config menus
- WTC-1644:Muted phone will unmute if user presses "Hold" / "Resm" softkeys
- WTC-1650:Incorrect PROXY1_ADDR in sip_XXXXXX.cfg freezes the phone displaying "123...7.. Registering"
- WTC-1668:Clean up InIn failover boot procedure so phone boots faster
- WTC-1699: Phone mistakenly displays, "Battery Failed Error 2"
- WTC-1674:MFG OEM OTADL Error crypto/keys.c Line: 00525
- WTC-1680: Emergency Dial Name does not consistently display in the Outgoing Calls log
- WTC-1701: Memory.c ln. 576 assert caused by a DHCP memory leak

PLCM SIP External Release Notes (v131.021) – 09/June/09

This is a release load.

Versions

USBDL	113.006	pd14udsi.bin
OTADL	119.059	pd14odsi.bin
Shim	119.059	pd14shim.bin
Functional Code	131.021	pd14csi.bin
Phintl	132.010	pi1400si.bin

New Features:

The new features below were introduced in 131.019 and are carried over here for completeness.

- OAI Graphics
- Wi-Fi Standard QoS

- No SVP Server required
- Supports WMM Power Save and WMM Admission Control
- 802.1X Authentication
 - EAP-FAST
 - Phase 0 Unauthenticated Provisioning (ease of use)
 - Phase 2 PAC Refresh
 - Manual Provisioning through HAT (more secure than Phase 0)
 - PEAP-MSCHAPv2
 - Full Certificate Authentication
 - Certificates from 512 bit to 4096 bit (512 or 1024 bit recommended for optimal performance)
 - Certificate enrollment through HAT
 - RADIUS Servers Validated
 - Cisco Secure Access Control Server (ACS) ,v4.1
 - Juniper Networks Steel-belted RADIUS Enterprise Edition, v6.1
 - Microsoft Internet Security and Acceleration (ISA) Server 2003 and 2006 (recommended)
 - FreeRADIUS, v2.0.1 (recommended) and v1.1.7
- Fast Roaming for 802.1X Security
 - Cisco Centralized Key Management (CCKM)
 - Opportunistic Key Caching (OKC)
- CCX Mode
 - CCXv4 compatibility
 - CCKM
 - Cisco CAC
 - U-APSD
 - Transmit Power Control
 - 802.11h Power Constraint
 - Beacon Report Request/Response
 - Traffic Stream Metrics
- DSCP Tag customization
 - Voice Traffic
 - Control Traffic
- IP Fragmentation Support
- Enhanced diagnostics to support new security features
- Enhanced syslog reports to support new security features
- Enhanced site survey diagnostics to support new security features
- SIP
 - ININ Failover feature

Fixes

- WTC-1378 Svc Esc (466198): SIP speed dial / phone book entries only dial the first 6 digits
- WTC-1250 Svc Esc (456674) I2C battery errors

- WTC-1246 PLCM_SIP: Phone is appending a number (which is entered when predial is disabled) to the dialed number when the predial is enabled.
- WTC-1362 Not able to accept an Incoming call by pressing NavOk

Known Issues:

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SpectraLink 8020/8030 Wireless Telephone SIP Release Notes (131.019) – 05/22/2009

This is a release load.

Versions

USBDL	113.005	pd14udsi.bin
OTADL	119.054	pd14odsi.bin
Shim	119.054	pd14shim.bin
Functional Code	131.019	pd14csi.bin
Phintl	132.010	pi1400si.bin

New Features

- OAI Graphics
- Wi-Fi Standard QoS
 - No SVP Server required
 - Supports WMM Power Save and WMM Admission Control
- 802.1X Authentication
 - EAP-FAST
 - Phase 0 Unauthenticated Provisioning (ease of use)
 - Phase 2 PAC Refresh
 - Manual Provisioning through HAT (more secure than Phase 0)
 - PEAP-MSCHAPv2
 - Full Certificate Authentication
 - Certificates from 512 bit to 4096 bit (512 or 1024 bit recommended for optimal performance)
 - Certificate enrollment through HAT
 - RADIUS Servers Validated
 - Cisco Secure Access Control Server (ACS) ,v4.1
 - Juniper Networks Steel-belted RADIUS Enterprise Edition, v6.1
 - Microsoft Internet Security and Acceleration (ISA) Server 2003 and 2006 (recommended)
 - FreeRADIUS, v2.0.1 (recommended) and v1.1.7
- Fast Roaming for 802.1X Security

- Cisco Centralized Key Management (CCKM)
 - Opportunistic Key Caching (OKC)
- CCX Mode
 - CCXv4 compatibility
 - CCKM
 - Cisco CAC
 - U-APSD
 - Transmit Power Control
 - 802.11h Power Constraint
 - Beacon Report Request/Response
 - Traffic Stream Metrics
- DSCP Tag customization
 - Voice Traffic
 - Control Traffic
- IP Fragmentation Support
- Enhanced diagnostics to support new security features
- Enhanced syslog reports to support new security features
- Enhanced site survey diagnostics to support new security features
- SIP
 - ININ Failover feature

Fixes:

- WTC-82 Svc Esc (391393): Phones stops sending and responding to packets for 400ms when in call
- WTC-112 PTT Roams Badly
- WTC-253 WT attempts to re-connect to the AP after authentication fails on giving invalid username or password.
- WTC-296 Assert in Standby (memory.c:576)
- WTC-299 Call Transfer - Calling number ID is not properly displayed.
- WTC-358 arb.c Line: 00863
- WTC-377 Can't end incomplete call
- WTC-502 DSCP Tags not correct in all modes
- WTC-535 memory.c line 00968 assert error displayed on handset screen
- WTC-542 shax.c line 00506 assert displayed on handset screen
- WTC-548 Svc Esc (423433): Audio gaps when roaming A-radio
- WTC-571 Phone incorrectly uses multiple Packet Number counters (PN) for TX
- WTC-607 Add functionality to prevent phones that are unregistered from continuously checking in to the OAI
- WTC-609 Incorrect DSCP tag value for DHCP traffic
- WTC-623 "Cert. Expired" phrase in coreabigailtable.csv not translated into any non-English phrases
- WTC-634 Use AC_BE for OAI traffic
- WTC-685 Assert: keys.c line 249
- WTC-704 src/dialer.c line 00620 displayed on handset screen.

- WTC-731 Dropped calls and Lost AP handoffs when stationary
- WTC-789 When set "^" as protected speed dial character and use down volume button, it shows "V" instead of "^"
- WTC-801 tspec.c line 1128 or memory 966 assert during high SVP utilization
- WTC-802 Phone had high clear talk count, improved by a restore defaults
- WTC-813 Beep sound heard continuously while coming out from CFG menu by pressing END key.
- WTC-830 Inin Redundancy feature
- WTC-861 Timestamps on received packets are inaccurate.
- WTC-867 Various OAI bugs and cleanup
- WTC-875 Twincities phones are having too many handoffs in capacity tests.
- WTC-880 Shoretel-PBX: Intermittent choppiness on calls and voice mail playback.
- WTC-887 Call gets disconnected and WT shows "No Net Found".
- WTC-918 CCME_TC_SIP: Unattended transfer results in Assert.
- WTC-929 Shoretel _ TC_ SIP: Unattended transfer assert.
- WTC-934 Add OAI Graphics support
- WTC-940 Intermittent "Can't Renew DHCP"
- WTC-947 Certificate expiry : assert in cardbus.c line 255
- WTC-950 ASSERT: crypto/sm_cckm.c Line 01609
- WTC-958 Assert: sipudp.c Line 168
- WTC-969 SIP: Destination phone never rings
- WTC-972 "200 OK" response message missing.
- WTC-977 Assert: memory.c Line 576 SIP In Call
- WTC-992 Svc Esc (441476): PTT audio issue using Cisco lightweight APs
- WTC-996 Pingtel _ TC _ SIP: unattended transfer leads to assert.
- WTC-1005 Phone book and speed dial is not available
- WTC-1011 LCD code not rendering icon correctly.
- WTC-1013 PTT makes key tone while in cfg menus; should make no sound
- WTC-1016 SIP: Phone sleeps between TFTP Blocks
- WTC-1018 Unable to exit when in phonebook by pressing END key.
- WTC-1020 SIP Phones not clearing Set Display [*Partial Fix*]
- WTC-1040 WT-A not returning to standby screen when call is cancelled in WT-B [*Partial Fix*]
- WTC-1048 No CANCEL Request from the called party on canceling the call.
- WTC-1052 Shoretel-SIP Auth parameter not working correctly when registering
- WTC-1053 ASSERT: memory.c line962
- WTC-1055 ASSERT: call-sm.c line 01124
- WTC-1056 ASSERT: dialmgr.c line00243 [*Partial Fix*]
- WTC-1058 Cannot silence unwanted call in headset
- WTC-1059 ASSERT: src/buffmgr.c line 01477
- WTC-1067 "Resm" softkey displays and doesn't work during FCN activity.
- WTC-1068 Svc Esc (442575): SIP Handset disconnects when a call is answered from a Shoretel hunt group.
- WTC-1069 The Name screenbox displays as bold sometimes

- WTC-1081 Beep sound heard continuously while coming out from CFG menu by pressing END key.
- WTC-1084 Writing character "0" to a softkey with OAI causes rest of softkeys not to be displayed
- WTC-1085 ASSERT: memory.c line 994
- WTC-1088 PTT Becomes Disconnected
- WTC-1090 WT displays Invalid usr/pwd on screen when the call is not answered on the other phone after some duration.
- WTC-1092 CCME-SIP TC Phone asserts: memory.c line:00947, every time a call is placed
- WTC-1095 PLCM SIP phones do not display the Priority PTT icon when in call.
- WTC-1100 Phone transmitting PTT traffic stops transmission after a handoff and reboots
- WTC-1112 Svc Esc (447814): Mitel SIP - When phone is in call, second incoming call does not go to VM and puts initial call on hold.
- WTC-1117 AP Controlled Tx Power result reported on diagnostic screen is incorrect
- WTC-1118 Svc Esc (450466): The config file parser is not setting the PBX type correctly.
- WTC-1119 Svc Esc (450485): Shortel SIP - handset continues to hear "ringing" when call is transferred and answered by Workgroup Agent
- WTC-1148 Make App Pgm Set Rich Multiline command work more like the App Pgm Set Multiline Display command.
- WTC-1157 Not parsing display-name in INVITE correctly if display-name is not enclosed in double quotes.
- WTC-1159 Demo screens for OAI capabilities
- WTC-1172 Abort phonebook dialing doesn't return phone to standby.
- WTC-1173 Svc Esc (452956): Phone responds to ARP request before it receives in IP from the DHCP server with host address of 0.0.0.0
- WTC-1187 phone comes to standby without displaying any info when user presses BACK softkey when there is no active line
- WTC-1191 PTT: Handoff Audio Gap
- WTC-1195 PTT: PTT packets sent with DSCP value of 46
- WTC-1197 Svc Esc (452255): OAI message not displayed and call back not working after receiving alert in voice active call
- WTC-1198 OAI: Softkeys from OAI session are retained on display once phone transitions to standby after OAI session
- WTC-1204 OAI ring indicator icon does not turn off when send End Call
- WTC-1206 memory.c Line 576 assert received on 12 handsets in Standby over the weekend
- WTC-1211 DSCP tagging in SVP mode does not use the administered DSCP tags (In Call, Standby)
- WTC-1240 Svc Esc (453059): Switchvox SIP integration issue
- WTC-1253 OAI Incoming Call Icon not Replacing RTLS Icon Properly when phone in PBX call
- WTC-1259 Mitel_PLCM_SIP: Call gets disconnected immediately on A, once B answers the call
- WTC-1264 IP phones should not re-register when getting heartbeat ACK code 0 (which means App Pgm not logged in)

- WTC-1265 IP phones incorrectly send PT Event 0x84 if get OAI Send Keys or Set Softkeys while phone is ringing for OAI call
- WTC-1272 Faded Reversed Text Line from Rich Multiline Display not immediately being removed
- WTC-1274 Lack of Up/Down arrow in Set Info menu
- WTC-1279 Svc Esc (457988): TC handsets rebooting when dialing or placing calls on hold.
- WTC-1315 Assert: src/sipbuild.c Line 601 00000000 00000000
- WTC-1345 Standby softkeys retained when answer priority OAI call that was received while in a PBX call

Known Issues

- WTC-836 ININ_TC_SIP: Phone is not redirecting to voicemail when it is in do not disturb mode
- WTC-846 CCM_TC_SIP: DND do not redirect to Voice mail.
- WTC-869 Pingtel_TC_SIP: Continuously pressing start key results in Assert.

PLCM SIP External Release Notes (131.017) – 09/1/2009

This is a release load.

Versions

USBDL	113.005	pd14udsi.bin
OTADL	119.049	pd14odsi.bin
Functional Code	131.017	pd14csi.bin
Phintl	132.008	pi1400si.bin

New Features

- SIP phone book
- ININ Failover feature
- This load supports ShoreTel PBX.

Fixes:

- WTC-835: Pingtel _ TC_ SIP : Attended transfer results in assert.
- WTC-843: Asterisk_TC_SIP: WT doesn't return to Standby after aborting the call.
- WTC-849: Boot up process does not follow previous load -No SIP User File results in phone blanking out for approximately 20 seconds
- WTC-851: CCME _ TC_SIP:Unattended Transfer - Phone stills hears the ring tone even after rejecting the call by WT-C.
- WTC-852: ININ_TC_SIP: Phone asserts when we press start key twice and try to end that call by pressing the end key continuously.

- WTC-853: ININ_TC_SIP: No voice mail indication.
- WTC-882: Shoretel - Do Not Disturb does not forward to voice-mail.
- WTC-891: ININ Redundancy_ TC_ SIP: Phone is not returning to standby from trying state.
- WTC-574 : Phone hangs with a 2-way audio flow icon when START/SPKR button followed by OK nav key are pressed.
- WTC-845: Asterisk_TC_SIP: Five calls on Five lines not working properly.
- WTC-844: ININ REDUNDACY: Multiple lines Re-Registration Fails.
- WTC-890: ININ Redundancy _ TC _ SIP: Re-registration is not happening properly.

Known Issues

- WTC-836: ININ_TC_SIP:Phone is not redirecting to voicemail when it is in do not disturb mode
- WTC-846: CCM_TC_SIP : DND do not redirect to Voice mail.
- WTC-869: Pingtel_TC_SIP: Continously pressing start key results in Assert.
- WTC-880: Shoretel-PBX: Intermittent choppiness on calls and voice mail playback.
- WTC-881: WT displays Multiple SVP Registration when it uses a duplicate IP address.

PLCM SIP External Release Notes (131.015) – 10/3/2008

This is a release load.

Versions

USBDL	113.005	pd14udsi.bin
OTADL	119.046	d14odsi.bin
Functional Code	131.015	pd14csi.bin
Phintl	132.007	pi1400si.bin

New Features

- Fifteen minute Time zone changes
- This load supports the following PBX's :
 - Asterisk
 - Cisco Call Manager 5.1
 - Interactive Intelligence v3.0
 - Toshiba CTX100
 - Mitel
 - Pingtel
 - Cisco Call Manager Express
 - The configuration file needs to be modified when running against different PBX's. See the section on configuration files below to know the changes.

Fixes

- WTC-75 When assigning a speed dial with an empty phone book, get memory.c
- WTC-106 Changed speedDial_eventHandler to process Volume Down & Up keys.

- WTC-291 WT-A calls WT-B. WT-B does not answer. WT-A is not able to leave voice mail to WT-B.
- WTC-204 Svc Esc (409325): Audio gaps and not handing off to better AP.
- WTC-213 Make all watchdog timeout messages 16 characters or less.
- WTC-266 Still some problem with phonebook search matching artificial entry
- WTC-276 Phonebook accepts a new entry with no phone number set AVPU-03
- WTC-308 While sending a SUBSCRIBE message we are not using the fromTag of previous dialog. so,MITEL PBX is not sending an ACK to our request.
- WTC-309 Made changes to resolve un-intuitive behaviour of our phones. changed the sequence of keys * and #. With these changes, when you press "*" key on keypad we display "*" rather a "." and similarly # and @.
- WTC-310 WTC-310 # key does not work correctly against the mitel 3300
- WTC-314 Svc Esc (417459): Phone displays No PBX Reponse when attempting to checkin in with Meru AP 208.
- WTC-337 Enhancement: Support time zones that are not at an hour offset.
- WTC-345 Associations are unsuccessful and have a ~600 ms delay before trying another AP.
- WTC-358 Cancel arb response timer immediately when called.
- WTC-368 Svc Esc (420177): Syslog output of SRP phone inaccurately displaying missed count Shorten all stats to 16-bits before subtracting a 16-bit number.
- WTC-405 Modified TIME_ZONE_MASK value from 00FF to F0FF. With this change, this issue got resolved.
- WTC-410 The attended call transfer does not happen with Toshiba PBX. The problem is fixed. # could not be accessed when we are sending it in ReqUri.
- WTC-417 Rejected phone call doesn't work with MITEL PBX.
- WTC-418 Additions to favorites allowing prompted parameters.
- WTC-418 Not able to do Music on hold with MITEL PBX. The problem is fixed by using the PROXY_HOLD_IP0 option in the cfg file.
- WTC-422 Fixed the multiple lines problem with MITEL PBX.
- WTC-440 Unauthenticated phone hangs when dialing against Interactive intelligence server.
- WTC-445 Removal of Reject softkey when using PINGTEL server.
- WTC-454 Unattended transfer does not happen with PINGTEL PBX. Modified the code to parse the Refer messages.
- WTC-460 Attended transfer does not work with CCME. Modified the code to parse the REFER message appropriately.
- WTC-462 Removal of do not disturb and forward softkeys with Toshiba PBX as there is no PBX support.
- WTC-479 Fix to PTT synchronization.
- WTC-505 Fixes the removal of Reject softkey with ININ server and also Invite Redirect treatment with CCME server.
- WTC-536 Phones on Pingtel PBX don't hang up properly
- WTC-547 Pingtel voicemail causes phones to assert
- WTC-615 DND and forward busy or forward no answer causes the calling phone to memory.c line 575 assert

Known Issues

- None

PLCM SIP External Release Notes (131.008) - 07/17/08

This is a release load.

Versions

USBDL	113.005	pd14udsi.bin
OTADL	119.045	pd14odsi.bin
Functional Code	131.008	pd14csi.bin
Phintl	132.006	pi1400si.bin

New Features

- Optimization for radio initialization
- New radio init tables
- Jitter enhancement

Fixes

- WTC-212 Phone does not ack first connect from oai box
- WTC-218 src/buffmgr.c Line: 01268
- 5387 Service Escalation (385231): Phones won't charge when placed in the cradle when battery is very low
- 5393 Service Escalation (386806): Choppy PTT audio
- 5402 SST Flash Phone Stuck in functional code
- 5444 Service Escalation (387024): Phone does not chose the strongest AP
- 5447 Error: cardbus.c Line 00259
- 5453 Service Escalation (391393): Dropped calls / one-way choppy audio.
- 5483 Korean Reg Domain 05 has wrong range
- 5494 Display resets in charger when in charge only mode
- 5501 ASSERT32 displays wrong parameters or locks up
- 5502 Some phrases not translated
- 5512 PTT does not set power management bit on power on.
- 5518 Phone not properly associating on channel 140 (or highest DFS channel)
- 5551 Svc Esc (398093): Brand new phone's ringer sounds like a hiss, not loud ring when configured with HAT
- 5694 Exiting PTT by answering call or End call stops power save
- 5716 Handoffs slow
- WTC-36 WPA & WPA2 Handoffs slow
- WTC-58 Svc Esc (404368) assert isr.c line 396
- WTC-59 Phone in charger blinks /flashes charging
- WTC-112 PTT Held Down on Cisco FSR, Rx Phone Becomes Unresponsive
- WTC-114 No Gateway Response message while in call
- WTC-124 Phone does not ACK packets or uplink for ~68ms while in call
- WTC-135 "Space Invaders" sound when start key is pressed (intermittent)
- WTC-198 Cisco FSR in French is Cisco FSK – should be FSR
- WTC-210 Svc Esc (409925): TX packets are not WMM voice classified
- 5489 Service Escalation (387024): Power differences between UNI1 and UNI3

Known Issues

- None

SIP User Agent Release Notes for version 131.003 29-Feb-08

Bug Fixes:

- Fixed a speed dial issue when there was an empty phone book
- Improved audio quality during PTT sessions
- Fixed problem with lost transmissions during PTT sessions when roaming
- Improved AP handoff performance, especially in A radio environments.
- Fixed an issue where the display would flicker when a powered-off phone was placed in a charger.

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SIP User Agent Release Notes for version 131.002 Initial Release Candidate 04-Jan-08

Bug Fixes:

- Bug 5295: Improved dropouts during capacity testing of B-radio in a protected G radio environment.
- Bug 5228: Fix to battery CRC problem.
- Bug 4588 Fixed a DHCP Lease Expire problem where the phone may not have been seeing Acks from server

Enhancements:

- Added SYSLOGging of buffer manager data