UNIStim Release 3 version 115.027 for 6120/6140 IP Wireless Handset

This file is the Readme for the UNStim Release 3 version 115.027 software for the Avaya 6120 and 6140 IP Wireless Handset. This file describes the contents of the September 2012 release software distribution package.

Hardware Compatibility Matrix

UNIStim Release 3 version 115.027 software is supported with the following hardware:

Model	Order Code	Protocol
Avaya 6120 IP Wireless Handset	NTTQ4020E6	UNIStim
Avaya 6140 IP Wireless Handset	NTTQ4021E6	UNIStim
Avaya 3641 IP Wireless Handset	700430408 "Universal" handsets manufactured in January 2013 or later. Refer to appendix	UNIStim
Avaya 3645 IP Wireless Handset	700430416 "Universal" handsets manufactured in January 2013 or later. Refer to appendix.	UNStim

Software Compatibility Matrix

UNIStim Release 3 version 115.027 software is supported with the following software:

Hardware	Application	Minimum Software Release
Microsoft Windows® PC	Handset Administration Tool	3.00.09.00 4.00.02.00 4.01.04.00 or later is recommended
Avaya WLAN 2245 - IP Telephony Manager (all models)	QoS	174.040

Avaya WLAN Application Gateway 2246 (all models)	Application Interface	82.022
AWTS AVPP IP Telephony Manager (all models)	QoS	174.040
AWTS OAI Application Gateway (all models)	Application Interface	82.022

System Compatibility Matrix

UNIStim Release 3 version 115.027 software is supported with the following systems:

- Avaya Communications Server 1000 Release 7.5 or later.

- Avaya Business Communications Manager 50/450 Release 6.

- Avaya Communications Server 2100 Release Release SE13.

New Features in UNIStim Release 3 version 115.027

UNIStim Release 3 version 115.027 supports new flash hardware which will be introduced on newly-manufactured 6120/6140 IP Wireless Handsets in late 2012. Once introduced, this is the minimum software load which is supported on that hardware. **Attempts to download to earlier versions of software will be rejected.**

UNIStim Release 3 version 115.027 is also the minimum software load which is supported on a "Universal" handset.

UNIstim Release 3 version 115.027 Package Content

The UNIStim Release 3 version 115.027 package (61XX_115_027.zip) contains all the files necessary to load this software on an Avaya 6120/6140 Wireless Handset.

The following files are included in each package:

- pd14cus.bin   UNIStim functional software
- pd14odus.bin   Over The Air Downloader (OTADL)
- pd14shus.bin   OTADL Shim
- pd14udus.bin   USB downloader
- pi1400us.bin   Language translation
- slnk_cfg.cfg   Configuration file

UNIStim Release 115.027 Resolved Issues

The following table includes issues which are resolved with this release of software.

External ID	Internal ID	Issue Description
	ESCWIRE-101 Q02127102	61xx WDT error, No PBX Response and Assoc Fail. Occurs in the ED.
	ESCWIRE-117 Q02143558	61xx displays assert crypto.c ln 00143 in standby.
	ESCWIRE-120	During PTT a phone in a voice call will experience poor audio.
	ESCWIRE-124	PEAP certificate in phone failing with bad CA
	ESCWIRE-148 Q02164879	Intermittent WDT, No PBX Response after upgrading to CS1K Rel. 6.0
	ESCWIRE-172	Verisign cert with VeriSign intermediate CA is failing with our phones.
	ESCWIRE-196	Authentication Failure w/PEAP
	ESCWIRE-202	Assert buffmgr.c Ln 1312
	ESCWIRE-217	Handset reboots - experiencing issues with calls dropping and the handset rebooting. The display at this stage shows "No Net Access".
	ESCWIRE-259	6140 - Handset sending audio prior to answering incoming call.
	ESCWIRE-289	OAI (TC) - Handsets being reported as being "not active" when messages are sent to phones.
	ESCWIRE-299	Phones freezing with "Ext. nnnn" in large font on display
	ESCWIRE-300	Updated from 115.025 to 221.013 and the language changed from Dutch to English
	ESCWIRE-304	61xx display "Association Failure" when trying to use WPA2-Enterprise
	ESCWIRE-316	SWERROR] memory/memory.c line 00979 0009aa3e 00000000 against 221.013
	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
	ESCWIRE-88 Q02114189	handsets with PEAP against Aruba. WPA-2 Enterprise authentication not working properly.
	WTC-1034	common/cardbus.c Line 255
	WTC-1749	WMM phone does not send uplinks for 120ms
	WTC-1779	Phone is reporting the incorrect handoff reason code
	WTC-1785	phones are not monitoring Spectrum Management bit in Beacon's Capability IE

External ID	Internal ID	Issue Description
	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-1835	Phone gets stuck in Call Logs menu with the backlight on when Emergency Dial is Enabled with no entries
	WTC-1851	WPA passphrase needs to support entire ASCII character set
	WTC-1860	Threshold Roaming does not occur during PTT
	WTC-1862	need phones to send a gratuitous ARP or multicast packet at each roam for Aruba installations
	WTC-1882	Dont send "DCA initiated radio reset" and LockupRecovery messages in standby.
	WTC-1888	Missing probe requests in DCA and/or PTT
	WTC-1890	Video (control) TSPEC not negotiated until after first handoff
	WTC-1905	Meru: EDCA parameters are not getting handles correctly
	WTC-1906	MERU: Record maximum RSSI per AP and limit probe responses to one per averaging probe cycle
	WTC-1923	Phone transmitting PTT does not send probes
	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-1970	Call Logging should be disabled by default
	WTC-1997	Call logs not translated in French
	WTC-2034	Spanish characters inverted question mark and inverted exclamation point are not getting displayed in OTADL menus
	WTC-2132	Syslog output sometimes contains a trailing 0x0 at the end of the syslog packet.
	WTC-2147	Flash config internal errors reported on phones
	WTC-2148	Final fix for Graphics Demo asserts
	WTC-2183	IEEE dot11MACAddress returns in improper format
	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

External ID	Internal ID	Issue Description
	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-2309	Final fix for buffmgr.c Ln 1312 assert (clone of ESCWIRE-202)
	WTC-2322	Memory leak in DHCP
	WTC-2366	Phone answers call with one way audio (may start in hold state)
	WTC-2372	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-2488	Assert crypto/eap_gtc.c (Line: 00129) is seen while phone is booting up.
	WTC-2494	Support EDIT softkey to edit the profile
	WTC-2500	Would like softkey created for noise mode (was EXT-3979)
	WTC-2519	Shorten time to complete USB and get to power up beep.
	WTC-2529	PROTECTED_SPEEDDIAL_NAME parameter does not accept NULL
	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-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
	WTC-2644	Phonebook does not allow all dialable characters to be entered as number
	WTC-2647	Phone reporting high Late packet count
	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 Menus or the User Menus making behavior inconsistent.
	WTC-2676	Phone Asserts when the server certificate has a key length greater than 2048 bits
	WTC-2688	Language is reset to English on Initialization after being set to any Language in the Admin Menus
	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.

External ID	Internal ID	Issue Description
	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 on Unistim (compared to prior release)
	WTC-2709	Assert config.c ln. 2168 in USB downloader
	WTC-2722	Phone does not go into low power standby in SVP mode
	WTC-2737	In OTADL, do not change config TLV for language when switching to internal English
	WTC-2756	WEP ignores packet CRC
	WTC-733	Display contrast resets to default when WT placed in charger

Appendix – "Universal" Handsets

As of January 2013, Avaya is offering "Universal" handsets.

- The 3641 IP Wireless Handset and the 6120 IP Wireless Handset share the same visual appearance. These hardware models can be identified by a black bezel around the display, red "Avaya" lettering above the display, and no model numbers on the bezel.

- The 3645 IP Wireless Handset and the 6140 IP Wireless Handset share the same visual appearance. These hardware models can be identified by a black bezel around the display, red "Avaya" lettering above the display, and no model numbers on the bezel.

- 3641 and 3645 IP Wireless Handsets are pre-loaded with H.323 software for operation on Communication Manager and IP Office

- The 6120 and 6140 IP Wireless Handsets are pre-loaded with UNIStim software for operation on Communication Server 1000, Business Communication Manager, and Communication Server 2100

- All models can load either H.323 or UNIStim or SIP software.
  - *Allows customers to continue to use their same handset should they migrate to a different Avaya platform in the future.*

There is no change to order codes.

2012 Avaya Inc. All Rights Reserved.

Notice

Documentation disclaimer.

Avaya Inc. is not responsible for any modifications, additions, or deletions to the original published version of this documentation unless such modifications, additions, or deletions were performed by Avaya.

Link disclaimer

Avaya Inc. is not responsible for the contents or reliability of any linked Web sites referenced elsewhere within this Documentation, and Avaya does not necessarily endorse the products, services, or information described or offered within them. We cannot guarantee that these links will work all of the time and we have no control over the availability of the linked pages.