SIP Release 1.1.1 for 3641/3645/6120/6140 IP Wireless Handset

This file is the Readme for the SIP Release 1.1.1 software for the Avaya 3641, 3645, 6120, and 6140 IP Wireless Handset. This file describes the contents of the August 2013 release software distribution package.

SIP 1.1.1 software is supported on the Avaya 3641, 3645, 6120, and 6140 IP Wireless Handset only and when used with Avaya Aura® Communication Manager with Avaya Aura® Session Manager. The SIP 1.1.1 software will not load or operate on any other models and is not supported with any other Avaya on non-Avaya platform.

Avaya Aura® Communication Manager and Avaya Aura® Session Manager Compatibility

The Avaya 3641, 3645, 6120, and 6140 IP Wireless Handset using SIP Release 1.1 software are supported on Avaya Aura® Communication Manager 6.0.1 SP 6 patch 19350 or later with Avaya Aura® Session Manager 6.1 SP5 or later, and Avaya Aura® Communication Manager 6.2 or later with Avaya Aura® Session Manager 6.2 or later, and Avaya Aura® Communication Manager 6.3 or later with Avaya Aura® Session Manager 6.3 or later.

Hardware Compatibility Matrix

SIP Release 1.1.1 software is supported on the following hardware:

Model	Order Code	Minimum Hardware vintage
Avaya 3641 IP Wireless Handset	700430408	All
Avaya 3645 IP Wireless Handset	700430416	All
Avaya 6120 IP Wireless Handset	NTTQ4020E6	Manufactured in August 2010 or later. Please refer to the label in the battery compartment.+
Avaya 6140 IP Wireless Handset	NTTQ4021E6	Manufactured in August 2010 or later. Please refer to the label in the battery compartment.

Software Compatibility Matrix

SIP Release 1.1.1 software is supported with the following software:

Hardware	Application	Minimum Software Release
Microsoft Windows® PC	Handset Administration Tool	4.1.4 or later
AWTS AVPP IP Telephony Manager (all models)	QoS	174.040
Avaya WLAN 2245 - IP Telephony Manager (all models)	QoS	174.040
AWTS OAI Application Gateway (all models)	Application Interface	82.022
Avaya WLAN Application Gateway 2246 (all models)	Application Interface	82.022

SIP 1.1.1 Overview

The Avaya 3641/3645/6120/6140 IP Wireless Handsets are Wi-Fi handsets for workplace telephone systems. The handsets operate over an 802.11a/b/g/n wireless LAN (WLAN) providing users a wireless extension. By seamlessly integrating into the Avaya Aura® environment, the system provides high-quality mobile voice communication to the wireless telephone users throughout the workplace. The system gives users the freedom to roam throughout the workplace while providing many of the features and functionality of a wired SIP desk phone.

For existing customers using the 3641/3645 IP Wireless handsets, the ability to convert from H.323/CCMS to SIP provides a migration path to Avaya Aura® Session Manager with Avaya Aura® Communications Manager. For existing customers using the 6120/6140 IP Wireless handsets, the ability to convert from UNIStim to SIP provides investment protection through a migration path to Avaya Aura® Session Manager with Avaya Aura® Communications Manager.

> SIP 1.1.1 software provides a subset of the SIP functionality offered with other Avaya IP Deskphones. SIP 1.1.1 software allows registration with a single Avaya Aura® Session Manager and provides no failover. SIP 1.1.1 software does not retrieve dial plan, configuration information, contacts, or call log information from PPM. The telephony features provided with SIP 1.1.1 software will satisfy the basic requirements for a mobile user. Bridged Line Appearances are specifically not supported with SIP 1.1.1 software. Media security (SRTP) and signaling security

> (TLS) are specifically not supported with SIP 1.1.1 software.

The following call handling features are supported with SIP 1.1.1:
- Up to six line appearances
- Call Hold/Resume
- Do Not Disturb
- Last Number Redial
- Call Forward
- Call Transfer (Attended, Unattended)
- Local Call Log with maximum 20 entries
- Local Phone Book with maximum of 20 entries
- Message Waiting indication / Access to Voice Mail
- Speed Dial

The following administrative capabilities are supported with SIP 1.1.1:
- Retrieval of configuration information from 46xxsettings.txt via HTTP
- Support for Avaya SSON (Site Specific OptioN) for configuration with DHCP option 242 by default.
- Remote enable or disable of SNMP via Avaya System Manager.
- Remote reboot using Avaya System Manager.

For additional details on SIP 1.1.1 software, please refer to the following documents:

- Avaya 3641/3645/6120/6140 IP Wireless Handset with Session Initiation Protocol (SIP) Administration Guide – (21-603998)
- Avaya Handset Administration Tool (HAT) Administration Guide – (21-603968)
- Avaya 3641/3645 IP Wireless Handset with Session Initiation Protocol (SIP) User Guide – (21-603938)

SIP 1.1.1 Package Content

The SIP 1.1 package (34XX_61XX_201_153.zip) contains all the files necessary to upgrade Avaya new or previously installed 3641/3645/6120/6140 IP Wireless Handsets to the SIP 1.1.1 software.

The following files are included in each package:

- slnk_cfg.cfg   Configuration file
- pi1400sa.bin   PHINTL (language translation)
- pd14udsa.bin   USB downloader
- pd140dsa.bin   Over-The-Air Downloader (OTADL)
- pd14sha.bin   OTADL Shim
- pd14csa.bin   SIP functional software
- sip_xxxx.txt   Sample device-specific configuration file.
- AVAYA-364x-MIB
- IEEE80211-MIB
- RFC1213-MIB

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

SIP 1.1.1 Resolved Issue

The following table includes resolved issues with this release of software:

ID	Issue Description
WTC-2781	SIP software is not compatible with Aura Session Manager 6.3. The From Tag is missing in the REGISTER packet.

SIP 1.1.1 Known Issues

The following table includes known issues with this release of software:

ID	Issue Description
wi00924177	If a member of a terminating extension group forwards its calls (Using FCN), other group members stop ringing.
wi00924208	After playing a ring tone in User Profiles menu, playing the same ring tone again requires pressing the Play soft key twice. Solution: Press the play soft key twice to play ring tone.
wi00924263	A telephone can't resume a call if the Hold soft key was pressed twice quickly instead of once during an active call. Solution: Press Hold soft key only once.

wi00924270	In rare cases a call might hang when moving many times quickly and repeatedly between two active calls on the same phone.
wi00924272	A telephone will perform a config reboot on each reboot if a parameter is set both in DHCP option 242 and 46xxsettings file with different values. Solution: Make sure to use consistent values and avoid defining parameters in more than one place.
wi00924282	A telephone will not display the IP address of the tftp server in the ADMIN menu if set via DHCP option 66. Solution: Define tftp server in 46xxsettings file.
wi00924287	There is no default PTT channel if channel 1 is not one of the configured ptt_channels. Solution: Add channel 1 to the list of PTT channels or choose a channel manually from the config menu.
wi00992180	While the user is dialing a number and receives an incoming call, the user can't move directly to the incoming call tab. Solution: Press the End button to end the off hook state and check the details of the new incoming call.
wi00924338	"Conference" is displayed on a 96xx phone when it calls 364x phone and 3 attended transfers are done between 364x phones.
wi01001062	Phone dials the number instead of setting it as Call Forward in the set Forward menu.