



Avaya 1600 Series IP Deskphone Software Release 1.3.6

Read-me

This file is the Readme for the Avaya 1600 Series IP Deskphone Software Release 1.3.6 (H.323 1.3 Maintenance Release 6). This file describes the content of the September 2014 Maintenance Release software distribution package. It also includes Product Advisements related to known issues with this Software Release.

Avaya 1600 Series IP Deskphone H.323 Software Release 1.3.6 is supported on the 1603-I, 1603SW-I, 1608-I, and 1616-I English Text and Global IP Deskphones only. It will not load or operate on any other models.

Important: The 1603, 1603SW, 1608, and 1616 are End-of-Manufacture-Support are not supported beyond Release 1.3.5. The 1.3.5 binaries are in the 1.3.6 package and will allow these models to upgrade to 1.3.5 if not already using this release. However, these models will not upgrade to Release 1.3.6.

- 1603, 1603SW, 1608, and 1616 End-of-Sale Notification - <https://downloads.avaya.com/css/P8/documents/100073496>

Aura[®] Communication Manager, IP Office and B5800 Branch Gateway users are advised to consult their respective product publications for information regarding support of this release on their platform.

This Maintenance Release supersedes all previous Avaya 1600 Series IP Deskphone Service Packs. Avaya recommends that all customers upgrade supported, both new and installed 1600 Series IP Deskphones to this version at their earliest convenience.

To upgrade 1600 Series IP Deskphone:

- Install zip package on Avaya Utility Server. Alternatively, the package can be unzipped in the root directory of any HTTP server.
- Make any adjustments required by your environment to the 46xxsettings.txt
- Reset Avaya 1600 Series IP Deskphone

Avaya Servers Compatibility

Servers	Supported versions	Comments
Avaya Aura[®] Communication	5.2.1 and higher	Avaya recommends using the latest Communication Manager release with these models of IP

Manager (CM)		<p>Deskphone. 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.</p> <p>CM 5.2 is the minimum version required to support the following features:</p> <ul style="list-style-type: none"> • Native support of 1600 Series IP Deskphone <p>CM releases prior to 5.2 do not provide native support for the 1600 Series IP Deskphone. Avaya recommends that the 1616/1616-I IP Deskphone be administered as a 4620/4621 IP Deskphone, other models be administered as a 4610 IP Deskphone, and the BM32 as a EU24 expansion module.</p> <p>For more details, please refer to the H.323 configuration section in the CM Administration Guide which can be downloaded from http://support.avaya.com.</p>
Avaya IP Office (IPO)	6.0 or later and IP500 V2 hardware only	<p>Note that the H.323 1.3.6 software may not be included in the latest IP Office/B5800 Service Pack.</p> <p>IP Deskphone software is included in the IP Office software download available from http://support.avaya.com.</p>
Avaya B5800 Branch Gateway (B5800)	6.1 or later	<p>Refer to the IP Office Technical Bulletin(s) / B5800 Note(s) for details on specific IP Office software compatibility and the included version of IP Deskphone software.</p>

H.323 1.3.6 Package Content

The H.323 Software Release 1.3.6 package contains all the files necessary to upgrade Avaya new or previously installed 1600 Series IP Deskphones to H.323 R1.3.6.

The following files are included in this package:

H.323 1.3 Maintenance Release 6 List of Firmware files and supported Phones			
Hardware		Software	
Comcode	Model	Boot Code	Application Code
700415540	1603	hb1603ua1_350B.bin	ha1603ua1_350B.bin

700476849	1603-I English Text	hb1603ua1_360A.bin	ha1603ua1_360A.bin
700508259	1603-I Global	hb1603ua1_360A.bin	ha1603ua1_360A.bin
700458508	1603SW	hb1603ua1_350B.bin	ha1603ua1_350B.bin
700858524	1603SW-I English Text	hb1603ua1_360A.bin	ha1603ua1_360A.bin
700508258	1603SW-I Global	hb1603ua1_360A.bin	ha1603ua1_360A.bin
700415557	1608	hb1608ua1_350B.bin	ha1608ua1_350B.bin
700458532	1608-I English Text	hb1608ua1_360A.bin	ha1608ua1_360A.bin
700508260	1608-I Global	hb1608ua1_360A.bin	ha1608ua1_360A.bin
700450190	1616	hb1616ua1_350B.bin	ha1616ua1_350B.bin
700415565	1616	hb1616ua1_350B.bin	ha1616ua1_350B.bin
700458540	1616-I English Text	hb1616ua1_360A.bin	ha1616ua1_360A.bin
700504843	1616-I Global	hb1608ua1_360A.bin	ha1608ua1_360A.bin
N/A	16xx	MIB File	16xxmib16.txt

- GBM32_B_1_1_0.hex - Button Module firmware version 1.1.0 for BM32.
- 16xxupgrade.txt – To upgrade to R1.3.6, you must change your 16xxupgrade.txt file. The sample upgrade script that is included in the package is generic, in that it will upgrade all supported 1600 Series IP Deskphones to R1.3.6. If you have other phones that are using this script for other software upgrades and installations, please note the changes between the scripts. Please make a backup copy of your current upgrade script, and incorporate the binary name changes for release R1.3.6 into your 16xxupgrade.txt file.
- Ten predefined language files for phone display:
 - mlf_Sage_v69_dutch.txt
 - mlf_Sage_v69_french_can.txt
 - mlf_Sage_v69_french_paris.txt
 - mlf_Sage_v69_german.txt
 - mlf_Sage_v69_italian.txt
 - mlf_Sage_v69_japaneseKat.txt
 - mlf_Sage_v69_portuguese.txt
 - mlf_Sage_v69_russian.txt
 - mlf_Sage_v69_spanish.txt
 - mlf_Sage_v69_spanish_latin.txt
- Five configurable language files for the phone display:
 - mlf_Sage_v69_arabic.txt
 - mlf_Sage_v69_chinese.txt
 - mlf_Sage_v69_trad_chinese.txt
 - mlf_Sage_v69_hebrew.txt
 - mlf_Sage_v69_korean.txt
- Five configurable font files for the five languages above
 - Arabic_S11_V34.rbm.lzma (Font file for Arabic Language)
 - GB_S11_V34.rbm.lzma (Font file for Simplified Chinese Language)
 - Big5_S11_V34.rbm.lzma (Font file for Traditional Chinese Language)

- Hebrew_S11_V34.rbm.lzma (Font file for Hebrew Language)
- KSC_S11_V34.rbm.lzma (Font file for Korean Language)
- 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 CM 6.x Utility Server is the only file server that currently supports this.

Refer to the 1600 Series IP Deskphone Administration Guide on <http://support.avaya.com> for more information on the use of FONTFILE and LANGxFILE.

System specific parameters should be entered into the 46xxsettings.txt file which is available for separate download at <http://support.avaya.com>. Warning: Before modifying your 46xxsettings.txt file, please make a backup copy of the file.

Documentation for H.323 1.3.6

There is one change to the Avaya 1600 Series IP Deskphones documentation with this release of software.

Area	Defect ID	Defect Name
Documentation	SAGE16XX-892	1616 – Extension numbers 8 or more digits in length, cause the date to no longer be displayed. The current design will only show the date and the time if the extension length is 7 or less digits. The installation guide has been updated to reflect the design.

Note: Avaya one-X™ Deskphones Value Edition 1600 Series IP Deskphone 1.3.6 documentation is available on <http://support.avaya.com> under “1600 Series IP Deskphones” → “1.3.x”.

Resolved issues in Avaya 1600 Deskphone H.323 1.3 Maintenance Release 6 (1.3.6) - Released September 29th, 2014

Area	Defect ID	Defect Name
Application/UI	SAGE16XX-847	The 16xx menu button cannot be used after exiting the new contacts screen
	SAGE16XX-882	Bridged Appearance LED flashes RED after leaving the call log.
Call Log	SAGE16XX-877	Call log is not listed in chronological order
Language Support	SAGE16XX-860	Arabic and Hebrew languages are aligned left if the LANGSYS variable is set and the phone is rebooted a second time.
	SAGE16XX-883	Support for Korean & Japanese in IP Office 9.1 and newer
Display	SAGE16XX-841	Visual Alerting parameter default changed to on to match documented expectation
	SAGE16XX-880	1608-I displays characters from prior screen when Russian is selected as the language and connected to an IP Office system. Example – Press Vozmozhn, navigate to Pol'zovatel'tlf, press Vybrat, press Nazad. The phone will display “Pol'zovate tlf appended with “el” & “tl” from the prior screen.
Infrastructure/Network	SAGE16XX-836	PCs connected to the 16xx PHY2 port randomly loose network connections, requiring a phone reboot to recover.
Performance	SAGE16XX-846	Call drop after 15 hours with RTCP enabled.
Reboot/Lockup	SAGE16XX-833	The 16xx phone reboots if logged into the CRAFT menu and the phone receives a call.
	SAGE16XX-858	Phone suspends at the 200 OK screen and won't

Area	Defect ID	Defect Name
		register if FONTFILE is used to set a language.
	SAGE16XX-901	The phone will freeze and then reboot when accessing the call log

Known Issues in Avaya 1600 Deskphone H.323 1.3 Maintenance Release 6

Defect Number	Description	Details/Workaround
SAGE16XX-749	Phone can't get HTTPPORT from DHCP or 46xxsetting.txt	Port 80 should be used on the server No fix planned. The HTTPPORT 46xxsettings.txt variable is not supported or planned for delivery to 1600 series devices.
SAGE16XX-787	Phone displays wrong call-park icon after parking call	No Fix Planned. Resolution of this issue requires 16xx adoption of the AGTRANSLPK parameter supported today only by the 96x1 device family. This feature is not planned for the 1600 series devices.
SAGE16XX-894	IPO Only – If an incoming call is received while the phone is in an active sub-menu, the incoming call information is not displayed on the top line and only the ringing icon is shown.	Press the phone menu key to see the phone screen.
SAGE16XX-896	IPO Only - If the 16xx has "Go to Incoming Call" in the call settings menu enabled and is in any active sub-menu when it receives and incoming call, the display shows the ringing icon, but does not automatically switch to the phone screen.	Press the phone menu key to see the phone screen.
SAGE16XX-897	Top line display continues to show "Conf: Active" vs. "Call: Active" after dropping the last party of a 3-party ad-hoc conference if party A uses the hold function at any point during the conference.	Toggle home a 2 nd time and the top line display will update to "Call: Active".
SAGE16XX-898	After changing language to English from a previous non-English language, network information submenus still	Press: view any and re-enter the network information sub-menu and the English language is displayed correctly.

Defect Number	Description	Details/Workaround
	display the non-English language	
SAGE16XX-899	Call log and call duration of an existing call are lost after changing the security code during an active call from the Communication Manager administration interface	Don't change the station security code during an active call.
SAGE16XX-913	If the station name on CM contains multiple spaces the station name appearance on the 16xx is truncated in the call log	Remove multiple spaces from the Communication Manager station name entry.

Release History – 16xx H.323 1.3.x Software

Release	Date	Link to Readme file
1.3 Service Pack 1	Oct. 11 th , 2011	https://downloads.avaya.com/css/P8/documents/100149981
1.3 Service Pack 2	Oct. 21 st , 2012	https://downloads.avaya.com/css/P8/documents/100161526
1.3 Maintenance Release 3	April 30 th , 2013	https://support.avaya.com/css/P8/documents/100171583
1.3 Maintenance Release 4 (1.34B)	Aug. 26 th , 2013	https://support.avaya.com/css/P8/documents/100178926
1.3 Maintenance Release 4 (1.34D)	Mar 11 th , 2014	https://downloads.avaya.com/css/P8/documents/100178926
1.3 Maintenance Release 5 (1.3.5)	April 7 th , 2014	https://support.avaya.com/css/P8/documents/100179647

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Tcl/Tk 8.0

Website: <https://support.broadcom.com/docSAFE/DNL/Default.aspx>

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 *
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 *
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 *
 * SCCS: @(#) tcl.h 1.326 97/11/20 12:40:43
 */
```

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Rjindael Encryption 2.9

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Acknowledgements:

- *
- * We are deeply indebted to the following people for their bug reports,

- * fixes, and improvement suggestions to this implementation. Though we
- * tried to list all contributions, we apologise in advance for any
- * missing reference.
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- * John Skodon <skodonj@webquill.com>

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- * @version 2.9 (December 2000)
- *
- * Optimised ANSI C code for the Rijndael cipher (now AES)
- *
- * @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
- * @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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- * Acknowledgements:
- *
- * We are deeply indebted to the following people for their bug reports,
- * fixes, and improvement suggestions to this implementation. Though we
- * tried to list all contributions, we apologise in advance for any
- * missing reference.
- *

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 - * John Skodon skodonj@webquill.com
-

Zlib 1.1.4

Website: <http://alumni.caltech.edu>

Copyright notice:

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

License Name: General purpose compression library

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <ftp://ds.internic.net/rfc/rfc1950.txt>

(zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

Secure sockets layer functionality is provided by OpenSSL **0.9.7g**

Website: <http://www.openssl.org/>

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