



IMS-SIP Network Emulator Software (E6966B)

Installation Guide



Agilent Technologies

Agilent E6966B IMS-SIP Network Emulator Software Installation Guide

Notices

© Agilent Technologies, Inc. 2014

No part of this manual may be reproduced in any form or by any means (including electronic storage and retrieval or translation into a foreign language) without prior agreement and written consent from Agilent Technologies, Inc. as governed by United States and international copyright laws.

Trademark Notices

None

Warranty

The material contained in this document is provided “as is,” and is subject to being changed, without notice, in future editions. Further, to the maximum extent permitted by applicable law, Agilent disclaims all warranties, either express or implied, with regard to this manual and any information contained herein, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. Agilent shall not be liable for errors or for incidental or consequential damages in connection with the furnishing, use, or performance of this document or of any information contained herein. Should Agilent and the user have a separate written agreement with warranty terms covering the material in this document that conflict with these terms, the warranty terms in the separate agreement shall control.

Statement of Compliance

This product has been designed and tested in accordance with accepted industry standards, and has been supplied in a safe condition. The documentation contains information and warnings that must be followed by the user to ensure safe operation and to maintain the product in a safe condition.

Manual Part Number

E6966-90002

Edition

May 2014

Applies to Software Version 8.x

Technology Licenses

The hardware and/or software described in this document are furnished under a license and may be used or copied only in accordance with the terms of such license.

Restricted Rights Legend

If software is for use in the performance of a U.S. Government prime contract or subcontract, Software is delivered and licensed as “Commercial computer software” as defined in DFAR 252.227-7014 (June 1995), or as a “commercial item” as defined in FAR 2.101(a) or as “Restricted computer software” as defined in FAR 52.227-19 (June 1987) or any equivalent agency regulation or contract clause. Use, duplication or disclosure of Software is subject to Agilent Technologies’ standard commercial license terms, and non-DOD Departments and Agencies of the U.S. Government will receive no greater than Restricted Rights as defined in FAR 52.227-19(c)(1-2) (June 1987). U.S. Government users will receive no greater than Limited Rights as defined in FAR 52.227-14 (June 1987) or DFAR 252.227-7015 (b)(2) (November 1995), as applicable in any technical data.

CAUTION

A CAUTION notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in damage to the product or loss of important data. Do not proceed beyond a CAUTION notice until the indicated conditions are fully understood and met.

WARNING

A WARNING notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in personal injury or death. Do not proceed beyond a WARNING notice until the indicated conditions are fully understood and met.

Where to Find the Latest Information

Documentation is updated periodically. For the latest information about the E6966B IMS-SIP Network Emulator product, consult the following website: www.agilent.com/find/E6966B_software.

For the latest information about the E6621A PXT product, including operating and application information and product and accessory information, see the following website: www.agilent.com/find/pxt.

For the latest information about the 8960 product, including operating and application information and product and accessory information, see the following website: www.agilent.com/find/8960

Is your product software up-to-date?

Periodically, Agilent releases software updates to incorporate product enhancements, and fix known defects. To search for software updates for your Agilent E6966B, go to the Technical Support website at www.agilent.com/find/E6966B.

NOTE	You are directed to the above website, because it contains information specific to the E6966B. In general, all PXT software products are available for download from www.agilent.com/find/softwaremanager . All 8960 software products are available for download from this is the website: www.agilent.com/find/wlcontract .
-------------	--

IMPORTANT	You need an active Agilent Upgrade Contract (AUC) for the 8960 and a Software and Technical Support Contract (STSC) for the PXT in order to obtain the most current software for these two products.
------------------	--

Table of Contents

1	Introduction	6
	In this book, you'll find:	6
2	Overview of System Component Requirements	7
	Server and Client PC Requirements	7
	Other Requirements	7
3	Installation	8
4	Licensing	9
	Licensing the Server Software	9
	Licensing the Client Software	9
	Licensing the Conference-Server Software	9
5	Uninstalling the E6966B	11
	When Using MS Windows 7.0	11
6	Service and Support	12
	Calling Agilent Technologies	12
	Web-based support	12
	E-mail support	12
	Locations for Agilent Technologies	13

This page is intentionally left blank.

1 Introduction

Welcome to the **Agilent E6966B IMS-SIP Emulator Installation Guide**. The purpose of this guide is to provide you with installation and licensing instructions for the server emulator Agilent E6966B – 1FP (fixed) or E6966B-1TP (transportable), the client emulator Agilent E6966B – 2FP (fixed) or E6966B-2TP (transportable), and the conference-server emulator Agilent E6966B – 3FP (fixed) or E6966B-2TP (transportable).

The E6966B Network Simulator is an IMS-SIP server–client–conference-server system that enables you to test and demonstrate (using the E2E application test) the UE’s ability to perform the various IP based applications: VoIP, Video, and SMS.

NOTE	To support the End-to-End (E2E) application, two clients and one server are required.
-------------	---

This product supports the following features for LTE:

- IPv4 and IPv6
- Voice: E2E, Echo, and File Playback
- Video: E2E and File Playback
- Text Messaging: Plain, 3GPP, 3GPP2 encoded SMS
- AKAv1, AKAv2, and MD5 authentication algorithms
- Procedures defined in 3GPP 24.229 R8
- Windows 7 (Windows XP is not supported)
- Windows 7 Products: Home Premium, Professional, and Ultimate

In this book, you’ll find:

- [Overview of System Component Requirements](#)
- [Installation](#)
- [Licensing](#)
- [Uninstalling the E6966B](#)
- [Service and Support](#)

2 Overview of System Component Requirements

This section provides an overview of the components required to use the E6966B.

Server and Client PC Requirements

An IBM® (or compatible) PC with at least:

- Processor: 2.0 GHz Pentium 4 or equivalent
- Operating System: Microsoft Windows 7 Professional
- Memory: 2 GB RAM
- Hard Disk Space: 2 GB of available hard disk space
- Connection: IP Network Connection (broadband, LAN, and wireless)
- LAN Port (If you are using LAN for your connection.)
- Sound Card: Full-duplex, 16-bit
- 2 USB ports: (2.0 or later)

NOTE

Both the E6966B Server and Client software can be installed on the same PC, however in this situation, use only the E6966B-1FP (server license) to activate BOTH products. See “Licensing Use Cases” in the E6966B Help file for more information.

Other Requirements

- Microsoft Internet Explorer version 6.0 or later
- E6966B-1FP (fixed) or E6966B-1TP (transportable) IMS-SIP Server Emulator, perpetual license (To obtain your license, follow the instructions on the Software Entitlement Certificate you received upon ordering the software.) See “Licensing” in the E6966B Help file for more information.
- E6966B-2FP (fixed) or E6966B-2TP (transportable) IMS-SIP Client Emulator, perpetual license (To obtain your license, follow the instructions on the Software Entitlement Certificate you received upon ordering the software.) See “Licensing” in the E6966B Help file for more information.
- E6966B-3FP (fixed) or E6966B-3TP (transportable) IMS-SIP Conference-Server Emulator, perpetual license (To obtain your license, follow the instructions on the Software Entitlement Certificate you received upon ordering the software.) See “Licensing” in the E6966B Help file for more information. E6966B-1FP IMS-SIP Server Emulator Software (You will need access to the web at: www.agilent.com/find/E6966B_software).
- E6966B-2FP IMS-SIP Client Emulator Software (You will need access to the web at: www.agilent.com/find/E6966B_software).
- E6966B-3FP IMS-SIP Conference-Server Emulator Software (You will need access to the web at: www.agilent.com/find/E6966B_software).

Refer to the E6966B release notes located here: www.agilent.com/find/E6966B_software for further clarification.

3 Installation

This section contains what you need to know before you install this product as well as installation instructions.

1. Close any applications currently running.
2. Open the Installer self extracting zip file. (The default extract location is C:\Temp.)
3. Navigate to the folder where the zip content was extracted in step 2.
 - a. This folder contains a version-specific directory for the application:
(For example: C:\Temp\E6966B IMS-SIP Server V08.00.00 Installer)
 - b. Navigate into the version-specific directory and run the executable:
(For example: E6966B-1FP_Setup.exe)
4. Your system may be prompted to reboot.

NOTE	You <i>may</i> need to manually restart the installer executable upon reboot.
-------------	---

4 Licensing

Licensing the Server Software

1. The Agilent E6966B IMS-SIP Server emulator requires an E6966B-1FP or E6966B-1TP license.
2. The installer for this application installs the Agilent License Manager (ALM).
3. After the installation is complete, you are required to obtain the ALM HostID associated with your server PC by performing one of the following:
 - a. Open the Agilent License Manager application and note the value of the “Host ID” field.
 - b. Run the IMS-SIP Server application (in administrator mode). The application shows a message box indicating that the product is not licensed and displays the required Host ID information.

(The Host ID associated with your Server PC is required to redeem the E6966B-1FP license entitlement supplied with your purchase.)
4. Consult the instructions on the entitlement certificate for guidance on license redemption.

NOTE	The E6966B-1FP license entitles you to install both the E6966B IMS Server AND Client applications on the SAME Host PC for which you redeemed your E6966B-1FP license.
-------------	---

Licensing the Client Software

1. The Agilent E6966B IMS-SIP Client Emulator requires an E6966B-2FP or E6966B-2TP license when installing on a PC other than the one which you installed the server software.
2. The installer for this application installs the Agilent License Manager (ALM).
3. After the installation is complete, you are required to obtain the ALM Host ID associated with your client PC by performing one of the following:
 - a. Open the Agilent License Manager application and note the value of the “Host ID” field.
 - b. Run the IMS-SIP Client application (in administrator mode). The application shows a message box indicating that the product is not licensed and displays the required Host ID information.

(The Host ID associated with your Client PC is required to redeem the E6966B-2FP license entitlement supplied with your purchase.)
4. Consult the instructions on the entitlement certificate for guidance on license redemption.

NOTE	The E6966B-1FP license entitles you to install both the E6966B IMS Server AND Client applications on the Host PC for which you redeemed your E6966B-1FP license. However, to install the E6966B IMS Client application on a different Host PC, you must obtain an E6966B-2FP license.
-------------	---

Licensing the Conference-Server Software

1. The Agilent E6966B IMS-SIP Server emulator requires an E6966B-3FP or E6966B-3TP license.
2. The installer for this application installs the Agilent License Manager (ALM).

Agilent E6966B IMS-SIP Network Emulator Software Installation Guide

3. After the installation is complete, you are required to obtain the ALM HostID associated with your server PC by performing one of the following:
 - a. Open the Agilent License Manager application and note the value of the “Host ID” field.
 - b. Run the IMS-SIP Server application (in administrator mode). The application shows a message box indicating that the product is not licensed and displays the required Host ID information.

(The Host ID associated with your Server PC is required to redeem the E6966B-3FP license entitlement supplied with your purchase.)
4. Consult the instructions on the entitlement certificate for guidance on license redemption.

5 Uninstalling the E6966B

When Using MS Windows 7.0

1. Select the Start icon > **Control Panel** > **Programs** > **Programs and Features** > **Uninstall a Program**.
2. From the **Uninstall or Change a Program** window, select "Agilent E6966B IMS-SIP Server Emulator", "Agilent E6966B IMS-SIP Client Emulator", or "Agilent E6966B IMS-SIP Conference-Server Emulator" as appropriate.
3. Select "Uninstall" and follow the instructions.

6 Service and Support

Calling Agilent Technologies

Agilent Technologies has offices around the world to provide you with complete support for your products. For help, to obtain servicing information or to order replacement parts, contact the nearest Agilent Technologies office listed on page 13 . In any correspondence or telephone conversations, you will need the product number, full serial number, software revision and any other pertinent contract numbers.

Web-based support

You can directly enter and manage your support requests online via www.agilent.com/find/mysupportcenter.

The first time you use My Support Center you will be asked to create a profile and provide proof of entitlement. Once your profile is created, you can use the online support center to enter your support request.

Each support request will be given a unique case number which you can use to track the progress of your support case. A technical expert will contact you via phone or email (whichever you have stated as your preferred option) to resolve your issue.

English, Japanese, Korean, and Mandarin local language support is available.

E-mail support

You can also contact our technical support at the following e-mail addresses:

- wireless_test_support_americas@agilent.com
- wireless_test_support_japan@agilent.com
- wireless_test_support_europe@agilent.com
- wireless_test_support_asia@agilent.com
- wireless_test_support_korea@agilent.com

Your support request will be routed to a technical expert who will contact you via e-mail or phone (whichever you have stated as your preferred option) to help resolve your issue.

English, Japanese, Korean, and Mandarin local language support is available.

Locations for Agilent Technologies

Online assistance: <http://www.agilent.com/find/assist>

If you do not have access to the Internet, one of these centers can direct you to your nearest representative:

If you have a current STSC for the E6621A, you can contact Agilent at the email addresses listed in [Web-based support](#) on page 12.

Should the Declaration of Conformity be required, please contact an Agilent Sales Representative, or the closest Agilent Sales Office. Alternately, contact Agilent at: www.agilent.com.

Americas

Brazil
(11) 4197 3600

Canada
(877) 894 4414

Mexico
01800 5064 800

United States
(800) 829 4444

Asia Pacific

Australia
1 800 629 485

India
1 800 112 929

Malaysia
1 800 888 848

China
800 810 0189

Japan
0120 (421) 345

Singapore
1 800 375 8100

Hong Kong
800 938 693

Korea
080 769 0800

Taiwan
0800 047 866

Other Asian Countries:

www.agilent.com/find/contactus

Europe & Middle East

Belgium
32 (0) 2 404 93 40

Ireland
1890 924 204

Spain
34 (91) 631 3300

Denmark
45 45 80 12 15

Israel
972-3-9288-504/544

Sweden
0200-88 22 55

Finland
358 (0) 10 855 2100

Italy
39 02 92 60 8484

Switzerland
0800 80 53 53

France
0825 010 700*
*0.125 €/minute

Netherlands
31 (0) 20 547 2111

United Kingdom
44 (0) 118 927 6201

Germany
49 (0) 7031 464 6333

Other Unlisted Countries:

www.agilent.com/find/contactus

