

## How to Install or Upgrade Test or Lab Applications (TAs/LAs) in Your Agilent 8960 from the Internet

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Use this procedure as a guideline for using the File Utility software to install a new test or lab application or upgrade an existing test or lab application in your Agilent 8960 Series 10 Wireless Communications Test Set from the Internet.

*Detailed information on each step of the process is in the **Help** information provided in the File Utility software.*

### Computer Requirements

To run the File Utility software and install an application and license file into your test set, your computer must meet these requirements: Windows® 98, NT® 4.0, 2000 or XP, at least 32 MB of RAM, 120 MB of available hard drive space, and a network adapter (10 Base-T, IEEE 802.3 compliant, ethernet network interface using TCP/IP protocol and configured to run at 10 Mbps in half-duplex mode).

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**WARNING** Your network adapter must be configured for 10 Mbps communication. Attempting to transfer files to the test set at speeds greater than 10 Mbps may result in file corruption. If your adapter can not be configured at 10 Mbps, please use a 10 Mbps Hub to slow the transfer speed.

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### Download the File Utility Software and Applications from the Internet

Go to <http://www.agilent.com/find/8960ta> and choose the test or lab application revision that you wish to download. Run the executable when prompted. This installs the File Utility software on your computer and places the test or lab application revision in the **C:\Program Files\8960\_FWUpgrade\Releases** directory. Repeat for all test and lab applications that you wish to download.

### Run the File Utility Software

After the Internet download is complete, a File Utility icon appears on your desktop. Double-click the icon to launch the File Utility software.

### Get the License From the Internet<sup>1</sup>

1. From the *Welcome* screen, select **Get Licenses From Web**.
2. Enter the Agilent licensing web site address that is printed on your Software Entitlement Certificate. Select OK. Your web browser will launch automatically and display the Agilent Software License Redemption web site.

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1. When updating an existing application in your test set, you do not need to download another license from the web; the original license file for that application is recognized.

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3. Enter the **Order Number** and **Certificate Number** from your *Software License Entitlement Certificate* and click on **Search**. If your information is valid, another screen is displayed that allows you to receive your licenses. Detailed on-line help files are available from this screen.
4. Select the desired licensing option and follow the instructions. A confirmation screen is displayed after you submit your information, and your licenses are immediately e-mailed to you.
5. Your licenses are sent to you as an e-mail attachment. Save the licenses in the **C:\Test\_Set\_Data\Licenses** directory of the computer performing the application installation. The File Utility will look in this directory for the licenses, and load the correct licenses into the test set when a connection is established with your computer.

## Connect Your Computer to the Test Set

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**NOTE** If you connect to the test set's front panel DATA port, connect a standard LAN cable between the rear panel LAN PORT and ETHERNET TO FRONT PANEL port (a jumper is shipped with the test set).

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- **Direct Connection** (A Single Test Set Connected to the Computer's Ethernet Adapter): Connect your computer's ethernet network card to the test set's DATA port, or rear panel LAN PORT, using a LAN crossover cable (shipped with the test set). Do not use a standard LAN cable.
- **LAN Connection** (One or More Test Sets Connected to an Existing Network): Connect the test set's DATA port, or rear panel LAN PORT, to your network using a standard LAN cable (do not use the crossover cable shipped with the test set).

## Configure the LAN Settings for Direct Connection

Refer to the following Help Topic within the File Utility software: Connecting to the Test Set, Configuring LAN Settings, for details on how to perform these steps. The steps in this section apply only when making a **Direct Connection**. Contact your local IT department for a fixed IP address when making a **LAN Connection**.

1. Set the LAN IP Address of your computer's ethernet adapter and the LAN IP Address of the test set so that the first three groups of numbers are the same for both devices (example: 130.29.183.xxx). The last number in the addresses must not match, and must not be zero (0) or greater than 254.
2. Allow the computer and test set to automatically generate their respective subnet masks based on the LAN IP Address.
3. If present, remove the gateway settings for both the test set and your computer. The test set's gateway setting is removed by pressing the numeric key 0 (zero) from the test set's front panel.

## Establish a Connection Between the Test Set and Your Computer

From the File Utility *Welcome* screen, select either **Direct Connection** or **LAN Connection**.

- **Direct Connection**: Enter the test set's **LAN IP Address** when prompted. Select **OK** to begin checking connections. If the connection is successful, the software license is automatically downloaded into the test set and the *Single Test Set Management* screen appears listing all applications in your test set and available in your **C:\Program Files\8960\_FWUpgrade\Releases** directory.
- **LAN Connection**: Select **Add Test Set To List** and enter the test set's **LAN IP Address** and **Serial**

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**Number**, then select **OK**. Click on the test set's **IP Address** in the table and select **Connect To Test Sets** to begin checking connections. If the connection is successful, the software license is automatically downloaded into the test set. The applications installed in the selected test set and available in your **C:\Program Files\8960\_FWUpgrade\Releases** directory are listed in the lower table.

### Upload the New Application Into Your Test Set

- **Direct Connection:** Select the desired application (it should have *Local only* listed in the *Locations* column in the table). Select **Upload to Test Set**, and select **OK** to start the upload.
- **LAN Connection:** Select the test set to upgrade from the list of test sets in the upper table, then select the desired application (it should have *Local only* listed in the *Locations* column) in the lower table. Select **Upload to Test Sets**, and select **OK** to start the upload.