EXA Instrument Software Update Instructions

Purpose

The purpose of this document is to outline the software update procedure for EXA instruments from the current instrument software revision to the current revision. This update may also update measurement applications such as W-CDMA, 802.16 OFDMA, Phase Noise, etc.. An update to the measurement applications does not require a new license key as long as the application was licensed before the update. This procedure will not update the 89601A VSA measurement software.

To determine what revision of instrument software is currently installed press [**System**], {**Show**}, {**System**} on the analyzer and look for the "Firmware Revision". In order to successfully use this procedure the firmware revision must represent "A.XX.XX", not "A.XX.XX R000X".

Please Note:
> This will only update the EXA instrument software that currently resides on the C: drive of the instrument. It will not update the recovery partition. Because of this, if the recovery process is performed on an instrument it will revert back to the instrument software revision that was originally installed in the instrument when it was shipped from the factory.

Requirements

In order to use this update procedure the following requirements must be met:
- Instrument must functioning properly with revision A.XX.XX instrument software or later
- Must have a USB keyboard and mouse to perform tasks required to install the update
- Must have the ability to login to the instrument as the administrator
- Must have the ability to transfer a large file (~100M Bytes) to the instrument being updated

File Download

1. Download the latest revision of the EXA instrument software from the Agilent website by going to: http://www.agilent.com/find/exa_software

2. Download the file "xSA_A.XX.XX"

If you do not have the ability to download these files directly to the D: drive of the EXA Signal Analyzer being updated, store the file on a USB storage device for transfer to the instrument. (The total file size is approximately 100M Bytes)
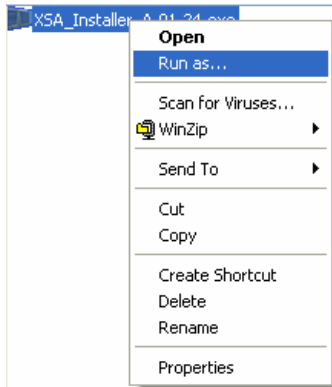
Update Procedure

While the default user of the instrument does have permissions to install some software it does not have the required permissions to install the EXA instrument software. Because of this the entire process outlined below must be run as the user *administrator*.

Software Install

1. If you have not already done so, transfer the downloaded installation file to the instrument being updated.

2. Install the updated version of the EXA Instrument Software by right clicking on the file named "**XSA_Installer_A.XX.XX.exe**" that you downloaded and transferred to the instrument.

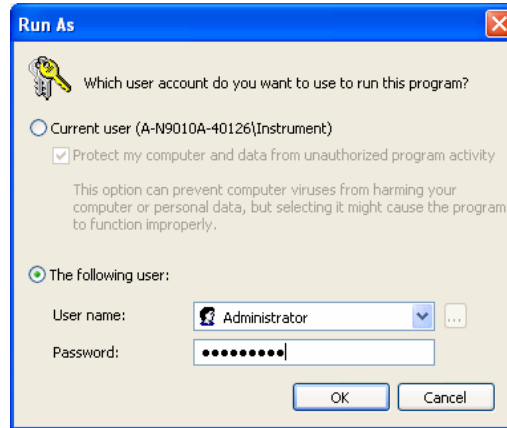3. From the menu given as shown in Figure 1 select "**Run as…**"

Figure 1

4. In the **Run As** window select "**The following user**" and enter the following information:

   User Name: administrator
   Password: agilent4u
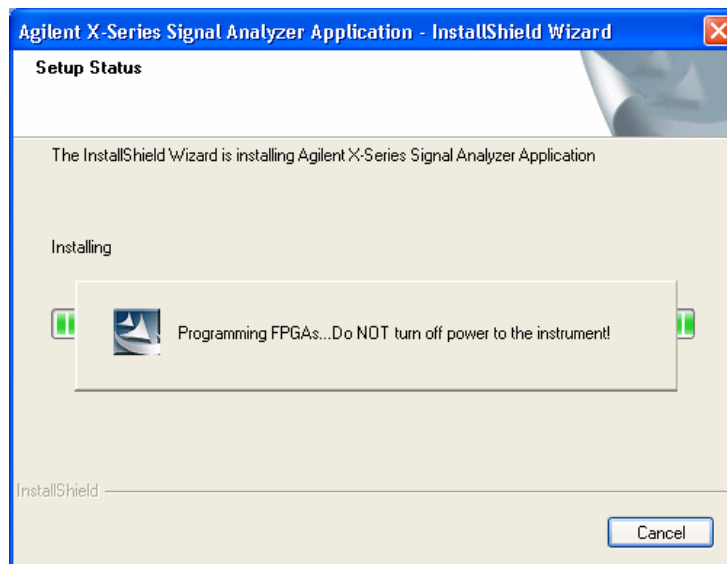   as shown in Figure 2 and select "**OK**"

Figure2

5. Follow the on-screen prompts to begin the installation

WARNING:

If you see the message in Figure 3, be sure to do as it says and **DO NOT** turn off the instrument power at this time for **ANY** reason. If this process is interrupted the instrument most likely will need to be sent back to an Agilent Service Center for servicing before it will be usable again.

Figure 3

If you see the pop-up message shown in Figure 4 select "**Unblock**" to continue.

Figure 4

6. When the installation has finished select "**Yes, I want to restart my computer now**" and then select "**Finish**".

    After the instrument restarts, the newly installed version of the EXA instrument software will run.