

Power Analyzer Firmware Update Utility Version 3.1.0 Software Release Notes

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General Information

Overview

The Power Analyzer Firmware Update Utility software provides the ability to update firmware on supported Tektronix power analyzer models using the USB bus.

Supported models

This software is intended for use with the following Tektronix product models:

- PA1000
- PA3000
- PA4000

Minimum system requirements

The minimum system requirements for running Power Analyzer Firmware Update Utility software are:

- Windows 7 or 8.1
- 2 GHz or faster 32-bit (x86) or 64-bit (x64) processor
- 2 GB RAM (minimum), 4 GB RAM (recommended)
- Minimum display resolution of XGA (1024 x 768)
- TekVISA version 4.0.4.2 or later, or NI VISA version 5.2.0 or later
- One available USB port

Installation instructions

Running the Power Analyzer Firmware Update Utility software requires the use of a VISA layer software. Either TekVISA or NI VISA is supported. TekVISA is available for free download from the Tektronix website at <http://tek.com>. If you do not have VISA installed on your computer, or if your VISA version does not meet the minimum requirements, download and install the latest version of TekVISA before installing the Power Analyzer Firmware Update Utility software.

The Power Analyzer Firmware Update Utility software is also available for free download at the Tektronix website. Download the latest version of the software and save it on your computer. Double-click the file and follow the installation prompts.

Version 3.1.0 Release

Overview

Version 3.1.0 is a feature enhancement release of the Power Analyzer Firmware Update Utility software.

Critical fixes

There were no critical fixes included in this release. See the “Enhancements” and “Noncritical fixes” sections for more information about release content.

Enhancements

CR460372 **Enhancement:**

CRC-32 checksum is added to validate the firmware file. This enhancement ensures the integrity of the firmware file before allowing firmware update to proceed.

CR507771 **Enhancement:**

CR514785

Support for PA3000 is added. In addition to PA1000 and PA4000 models, the software also supports firmware update for PA3000 power analyzers.

Noncritical fixes

CR460631 **Symptom:**

Cannot update PA1000 firmware if PA4000 was previously selected with Version Number set to “2.003.008 or Earlier”.

Resolution:

This issue has been corrected.

CR460632 **Symptom:**

Overall Progress bar does not always show 100% when firmware update is finished.

Resolution:

This issue has been corrected.

CR511287 **Symptom:**

It is possible to exit or close the software in the middle of a firmware update.

Resolution:

This issue has been corrected. The File → Exit menu item and the Close icon at the top-right corner are now disabled when the software is in the process of updating the firmware.

Version 2.100.400 Release

Overview

Version 2.100.400 is a maintenance release of the Power Analyzer Firmware Update Utility software. This version addresses an issue with a newer version of TekVISA.

Critical fixes

CR513204 **Symptom:**

Power Analyzer Firmware Update Utility software fails to detect VISA layer on computers with TekVISA version 4.1.0.

Resolution:

This issue has been corrected.

Enhancements

There were no enhancements included in this release.

Noncritical fixes

There were no noncritical fixes included in this release.

Version 2.100.300 Release

Overview

Version 2.100.300 is a maintenance release of the Power Analyzer Firmware Update Utility software. This version addresses an issue with newer versions of NI VISA.

Critical fixes

CR500303 **Symptom:**

Power Analyzer Firmware Update Utility software fails to detect VISA layer on computers with NI VISA version 14.x.x or later.

Resolution:

This issue has been corrected.

Enhancements

There were no enhancements included in this release.

Noncritical fixes

There were several noncritical fixes included in this release.

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