

README: EtherNet/IP Configurator R3.0q

March 7, 2017

This document lists Enhancements and bug fixes for EtherNet/IP Configurator. See Opto 22 form 1770, the [EtherNet/IP For SNAP PAC Protocol Guide](#), for more information on software features.

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KB numbers

A number with the prefix "KB" next to an item in this readme, such as KB49909, refers to an article in the Opto 22 KnowledgeBase. A KB article provides additional information about a feature or bug. To find a particular KB article, go to the Opto 22 website, <http://www.opto22.com>, and enter the KB number in the search engine. To browse the entire list of KB articles, go to http://www.opto22.com/site/knowledgebase/kb_index.aspx.

NOTE: If a referenced KB article has a hyperlink, you can click on it and go directly to the article. A fixed bug that does not have a published KB article will not have the prefix "KB" or a hyperlink.

What's new in Version R3.0q?

March 7, 2017

Bug Fix

[KB86584](#) For some modules on a G4EB2, EtherNet/IP Configurator may incorrectly configure TPO and Pulsed Output.

What's new in Version R3.0p?

September 27, 2016

Bug Fix

[KB86220](#) EtherNet/IP Configurator should not let you configure SNAP-IDC5Q modules for SNAP-PAC-R2s or -EB2s.

What's new in Version R3.0o?

September 27, 2016

Following a common best practice in software development, we didn't create a version "R3.0o" (because of the visual similarity between "0" and "O").

What's new in Version R3.0n?

August 30, 2016

Enhancements

- Added support for SNAP-OMR6T-C module.
- Added support for SNAP-AIRTD-8U.

Notes

Windows XP and Windows 2000 No Longer Supported

The PAC Project Software Suite no longer supports operating systems for which Microsoft has ended support. This includes Windows XP and Windows 2000. If you attempt to install any PAC Project R9.5 (or higher) software component on an operating system that Microsoft no longer supports, the installation software displays an error message and then ends.

New PID Algorithms for ISA, Parallel, and Interacting

To address an issue that occurs when the input to a PID loop is supplied by the host ([KB82058](#)), new algorithms for ISA, Parallel, and Interacting were added to PAC Firmware R9.4c and higher. This change does not affect the calculations for existing PID loops.

To avoid impacting existing PID loops, the original algorithms were renamed in PAC Project R9.5; their names now include the word "Obsolete." Also, Velocity (Type B)'s name now includes "Obsolete," because it was previously replaced by Velocity (Type C).

You can continue to use the obsolete algorithms. However, **Opto 22 recommends you use the new algorithms when you create PID loops for new applications**—especially when the input is supplied by the host. For more information, see the [OptoKnowledgeBase article, KB82058](#).

Bug Fixes

[KB84845](#) EtherNet/IP Configurator doesn't scale SNAP-AIMA-iH and SNAP-AOA-23-iH (HART modules) correctly.

[KB85045](#) Can't properly resize dialog boxes in Windows 10.

[KB85060](#) SNAP-AICTD module scaling values are configured incorrectly.

What's new in Version R3.0m?

April 24, 2015

Enhancement

Added support for SNAP-PAC-R1-B.

Bug Fix

[KB84629](#) Cannot add assemblies if unit type is G4EB2.

What's new in Version R3.0l?

January 12, 2015

Enhancements

- Added support for SNAP-AOVA-8 module.
- Made all point types scalable for all analog modules that support scaling.

What's new in Version R3.0k?

June 23, 2014

Enhancements

- Added support for HART modules SNAP-AIMA-iH and SNAP-AOA-23-iH.
- Added support for lead compensated point types to SNAP-AIRTD, SNAP-AIRTD-1K, and SNAP-AIRTD-10 modules.

What's New in Version R3.0j?

September 23, 2013

Enhancement

- Added support for SNAP-AIR400K-8 and SNAP-AIRATE-HFi modules.

Bug Fix

[KB82957](#) When a PID Loop used a digital output point TPO as the Output Data Destination, the Period was being modified instead of the Percent.

What's New in Version R3.0i?

March 26, 2013

Enhancement

- Added support for Opto G4EB2 I/O Unit

Bug Fixes

82837 The dialog for configuring digital output points would have trouble resizing and displaying data when TPO or Pulsed Output point feature was selected.

82838 The Attributes for Assembly members were not be displayed in the Assembly Configuration Report.

What's New in Version R3.0h?

September 7, 2012

Enhancements

- Added support for energy monitoring units OPTOEMU-SNR-3V, OPTOEMU-SNR-DR1, and OPTOEMU-SNR-DR2.

- Added support for digital output module EMU-OD-4.

What's New in Version R3.0g?

July 6, 2012

Bug Fix

82144 Reports would not display on Windows 7 or Windows Vista.

What's New in Version R3.0f?

June 7, 2012

Enhancement

- Added support for digital output modules SNAP-OMR6-A, SNAP-OMR6-C.

What's New in Version R3.0e?

December 6, 2011

Enhancement

- Added support for digital input module SNAP-ICD-32D.

What's New in Version R3.0d?

October 14, 2011

Enhancements

- Added support for analog input modules SNAP-AIPM-3V, SNAP-AIRTD-10, SNAP-AITM-4i, and SNAP-AITM-8D.
- Added support for digital input module SNAP-ICD-32DN.

What's New in Version R3.0c?

April 13, 2010

Enhancement

- Improved PID Loop comparison criteria for PID Tuning dialog entry.

What's New in Version R3.0b?

September 1, 2009

Enhancement

- Added support for SNAP-AILC and SNAP-AILC-2 load cell modules.

What's New in Version R3.0a?

May 1, 2009

Enhancement

- Added the ability to Configure and Tune PID Loops.

Windows Installation Notes

Windows users must have write access to the registry and the WinNT\System32 directory to successfully install and use this product.

How to Uninstall this Product

A utility is provided to uninstall this product. The utility will remove all registry entries and files previously installed with the following exceptions:

- The installation directory tree is not removed if any user-created files exist in it.
- The Windows program group is not removed if any icons have been added by the user.

How to Get Help

If you have trouble using this product and cannot find the help you need in the [EtherNet/IP For SNAP PAC Protocol Guide](#) (Opto 22 form 1770), contact Opto 22 Product Support:

Phone: 800-TEK-OPTO (800-835-6786, toll-free in the U.S. and Canada)
951-695-3080

Monday through Friday, 7 a.m. to 5 p.m. Pacific Time

Fax: 951-695-3017

E-mail: support@opto22.com

Website: www.opto22.com

When calling for technical support, you can help us help you *faster* if you can provide the following information to the Product Support engineer:

- Opto 22 hardware part numbers or models that you're working with
- Software version (available by clicking Help > About in the application's menu bar)
- Firmware version
- Specific error messages you saw
- Version of your computer's operating system