
Triangle MicroWorks, Inc.
Modbus Slave Conformance Test Scripts

What's New?

*a description of the changes included in all versions of the
Modbus Slave Conformance Test Module*

Version 3.09.00
March 15, 2010

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This document describes features or corrections that have been added to the SCADA Data Gateway.

This section describes new features and/or bug fixes included with each new release of the SCADA Data Gateway. The symbols to the left of each revision are used to help define the following kinds of revisions:



Additional Conformance Test Script Features



Corrections to problems, with indications for when the problems were introduced.

Version 3.09.00 (March 15, 2009)

No updates to Modbus Conformance Test Module in this release.

Version 3.08.00 (September 25, 2009)

No updates to Modbus Conformance Test Module in this release.

Version 3.07.00 (July 17, 2009)

No updates to Modbus Conformance Test Module in this release.

Version 3.06.00 (April 14, 2009)

No updates to Modbus Conformance Test Module in this release.

Version 3.05.00 (December 4, 2008)

No updates to Modbus Conformance Test Module in this release.

Version 3.04.02 (October 20, 2008)

No updates to Modbus Conformance Test Module in this release.

Version 3.04.01 (September 30, 2008)

No updates to Modbus Conformance Test Module in this release.

Version 3.04.00 (September 12, 2008)

No updates to Modbus Conformance Test Module in this release.

Version 3.03.00 (April 1, 2008)

No updates to Modbus Conformance Test Module in this release.

Version 3.02.00 (January 11, 2008)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.51 (February 28, 2007)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.50 (January 10, 2007)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.49 (November 1, 2006)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.48 (June 22, 2006)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.47 (June 9, 2006)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.46 (April 27, 2006)



Improved test result output to clearly indicate if the tests were completed using the Simulated Slave in loopback mode.

Version 2.00.45 (March 17, 2006) ♣

No updates to Modbus Conformance Test Module in this release.

Version 3.00.44 (February 2, 2006)



Improved conformance tests to correspond to default configuration, even if this varies from the published test (e.g., not writing to Holding Register 16 if the device doesn't have 16 registers; not writing more elements than are configured).

Version 3.00.43 (December 2, 2005)

No updates to Modbus Conformance Test Module in this release.

Version 3.00.42 (September 9, 2005)

No updates to Modbus Conformance Test Module in this release.

Version 3.00.41 (July 20, 2005)

No updates to Modbus Conformance Test Module in this release.

Version 3.00.40 (June 3, 2005)



Description: The conformance test Module did not apply the parity settings from the configuration menu.

Introduced: v2.00.25

Resolution: Fixed in v2.00.40



Description: The Modbus "Invalid Function Code" test required a DNP license.
Introduced: v2.00.25
Resolution: Fixed in v2.00.40

Version 3.00.39 (March 29, 2005)



Added additional tests to Conformance Test Module. All tests performed by the University of Michigan Conformance Tests, with the exception of the object messaging function codes, are now performed by the Test Harness.



Added test to ensure Conformance Test Source Code version matches Test Harness version.



Improved test for determining if Conformance Test Script Source Code is present.

Version 3.00.38 (January 18, 2005)



Added configuration option to disable initialization and validation of values to provide compatibility with University of Michigan tests.



Added illegal function code tests.



Added support for Modbus Function Codes 7 (Read Exception Status) and 8 (Diagnostics)

Version 3.00.37 (December 15, 2004)

No updates to Modbus Conformance Test Module in this release.

Version 3.00.36 (November 2, 2004)



Description: The Modbus Conformance Test Module would not run unless DNP3 was also licensed.
Introduced: v2.00.25
Resolution: Fixed in v3.00.36

Version 3.00.35 (September 23, 2004)

No updates to Modbus Conformance Test Module in this release.

Version 3.00.34 (August 2, 2004)

No updates to Modbus Conformance Test Module in this release.

Version 3.00.33 (June 17, 2004)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.31 (May 24, 2004)



The Test Module and the protocol analyzer window in the Test Harness now use the same timestamp.

Version 2.00.30 (April 13, 2004)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.29 (March 31, 2004)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.27 (February 3, 2004)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.26 (January 15, 2004)

No updates to Modbus Conformance Test Module in this release.

Version 2.00.25 (December 12, 2003)

Initial Release.