
Triangle MicroWorks, Inc.
61850 Test Harness

What's New?

*A description of the changes included in all versions of the 61850 Test
Harness*

Version 2.5
September, 2010

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This document describes features or corrections that have been added to the ICD Editor.

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

① Additional ICD Editor Features

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

Version 2.5 (September, 2010)

① Added IEC 60870-6 (Tase.2) Client

① Added IEC 60870-6 (Tase.2) Server

Version 2.1 (January, 2010)

① IEC 61850 Client:

- Added File Services
 - Server Directory Browser
 - Download file
 - Delete file
- Added Logging Services with automatic updating.
- Added ability to inspect individual Information Reports.

① SCL Editing:

- Added Flat view with filtering
- Added ability to print
- Added Syntax checking of Front End Toolkit mapping language
- Added IEC 61850-7-410 Hydroelectric Power Plants Object Model

① Added integrated IEC 61850 Server

- Includes ability to initialize server from an SCL file
- Includes support for Reporting, Logging, GOOSE
- Includes the ability to generate random data changes
- Includes ability to view and edit Server database

Version 2.0.9 (June, 2009)

① Added an IEC 61850 Client:

- Ability to connect and browse the object model of any IEC 61850 Server.
- Ability to subscribe to Goose Control Blocks
- Ability to enable Report Control Block

- Display pane showing data sent from the server via Report Control Block, Goose Control Blocks or polled data
- Ability to Create/Delete Data Sets on the server
- Ability to perform write of any item in the object model to the server
- Ability to perform a read of any item in the object model
- Ability to poll any item in the object model
- Ability to save browsed object model as an SCL file
- Ability to sort the object model according to a file
- Ability to perform Select/Operate

① Additional SCL Editing Features:

- Added ability to compare 2 ICD files
- Added ability to compare an ICD file to the specification
- Added ability to customize model at any level in the hierarchy
- Added ability to open more than one file at a time
- Added DER Object Model
- Added IEC 61840-25 Object Model
- Added ability to view complete Object Model specifications as an object hierarchy

① Added DNP3 XML Device Profile Editor:

- Ability to map IEC 61850 points to DNP3 points via drag and drop.



Description: Exception occurred after clicking on type property in an address field.

Introduced: v1.00.07

Resolution: Fixed in v1.1.0

Version 1.00.07 (July 24, 2008)

① Initial Release

Known Issues

- An exception occurs after clicking on the 'types' property in an address field. If you create a new address field and then click on the 'types' property, an exception will occur. New address fields are added for many members of the communication section.