
Triangle MicroWorks, Inc.
61850 Test Harness

What's New?

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

Version 2.1
January, 2010

Property of Triangle MicroWorks, Inc.

This Software and the associated Documentation contain proprietary information of Triangle MicroWorks, Inc. and may not be copied or distributed in any form without the written permission of Triangle MicroWorks, Inc.

Copies of the source code may be made only for backup purposes.

© 1994 - 2008 Triangle MicroWorks, Inc. All rights reserved

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:

⓪ Additional ICD Editor Features

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

Version 2.1 (January, 2010)

⓪ 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.

⓪ 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

⓪ 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)

⓪ 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

⓪ 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

⓪ 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)

⓪ 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.