G3-PLC Tester

G3-PLC devices protocol and functional automated testing

Trialog

www.trialog.com

Founding Member of G3-PLC Alliance

Product overview

The G3-PLC Tester is an automated test tool provided by TRIALOG for the validation of your G3 PLC devices. With the G3-PLC Tester you are able to write and execute TTCN-3 test scenarios to get automatic checking of the behaviour and conformance of G3-PLC devices. Test scenarios may send valid or invalid G3-PLC frames to the device under test and check the relevant reception of expected G3-PLC frames from the device. The G3-PLC Tester allows to manage the G3-PLC frames at any level of the stack from low-MAC to applicative layer. Test scenarios can be grouped, to perform fully automated test campaigns.

Features

The G3-PLC Tester provides you with the ability to create, edit, manage and execute TTCN-3 scenarios to perform G3-PLC automated device testing:

- **Create and edit TTCN-3 scenarios**

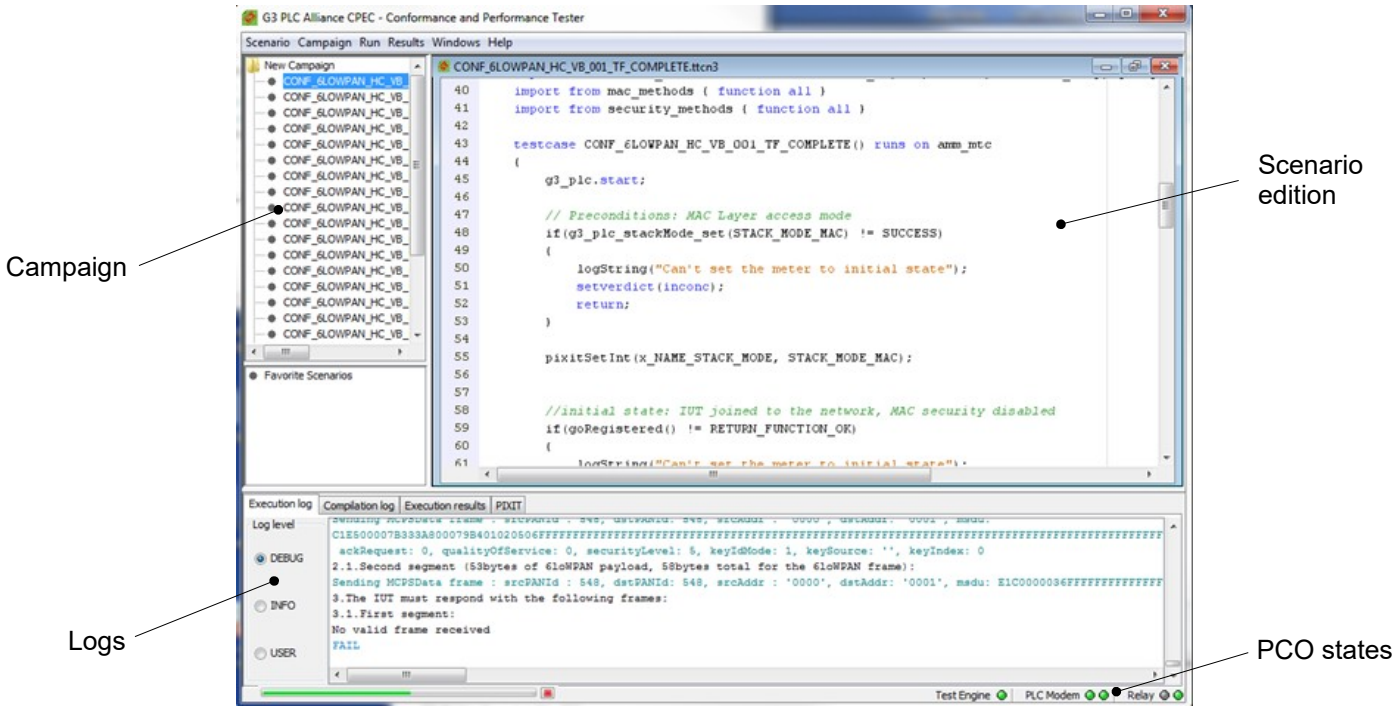
  Create and edit test scenarios written in TTCN-3, an ETSI standardized programming language dedicated to test coding.

- **Manage scenarios and campaigns**

  Group test scenarios into test campaigns, to execute several test scenarios as a batch

- **Compile and execute**

  Compile and execute test scenarios and test campaigns. Compilation and execution logs are available in real-time.



- **Export logs and results**

  Logs and results can be exported as a PDF report, with attached detailed execution logs.

- **Detailed user's manual**

  The G3-PLC Tester is provided with a detailed user's manual for proper use of the tool, and TTCN-3 language specification to allow implementation of TTCN-3 scenarios.

- **Included PCOs**

  The G3-PLC Tester is delivered with two Points of Control and Operation: G3-PLC (to send and receive G3-PLC frames) and Relay (to switch off / switch on the device under test). In option, a G3-RF PCO may be included (to send and receive G3-RF frames).

- **Additional PCOs**

  Additional PCOs may be available on demand.

Contact us

For further information about this tool, please contact: olivier.genest@trialog.com

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