

G3-PLC Alliance Conformance Tester

G3-PLC devices protocol automated testing



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Founding Member of **G3-PLC Alliance**

Product overview

The G3-PLC Alliance Conformance Tester is the official G3-PLC Alliance test tool used by accredited labs for the conformance tests of G3-PLC certification. With this tool, you are able to execute the complete conformance test suite to check the conformance of G3-PLC devices with respect to G3-PLC specification. You may also create your own test scenarios in order to extend the test coverage. Test scenarios can be grouped, to perform fully automated test campaigns.

Features

■ Get prepared to G3-PLC certification

The G3-PLC Alliance Conformance Tester comes with a Conformance Test Suite that is exactly the same as the one performed by the accredited labs, allowing to prepare for certification and debug issues in your own lab.

■ Set G3-PLC Alliance PICS and PIXIT

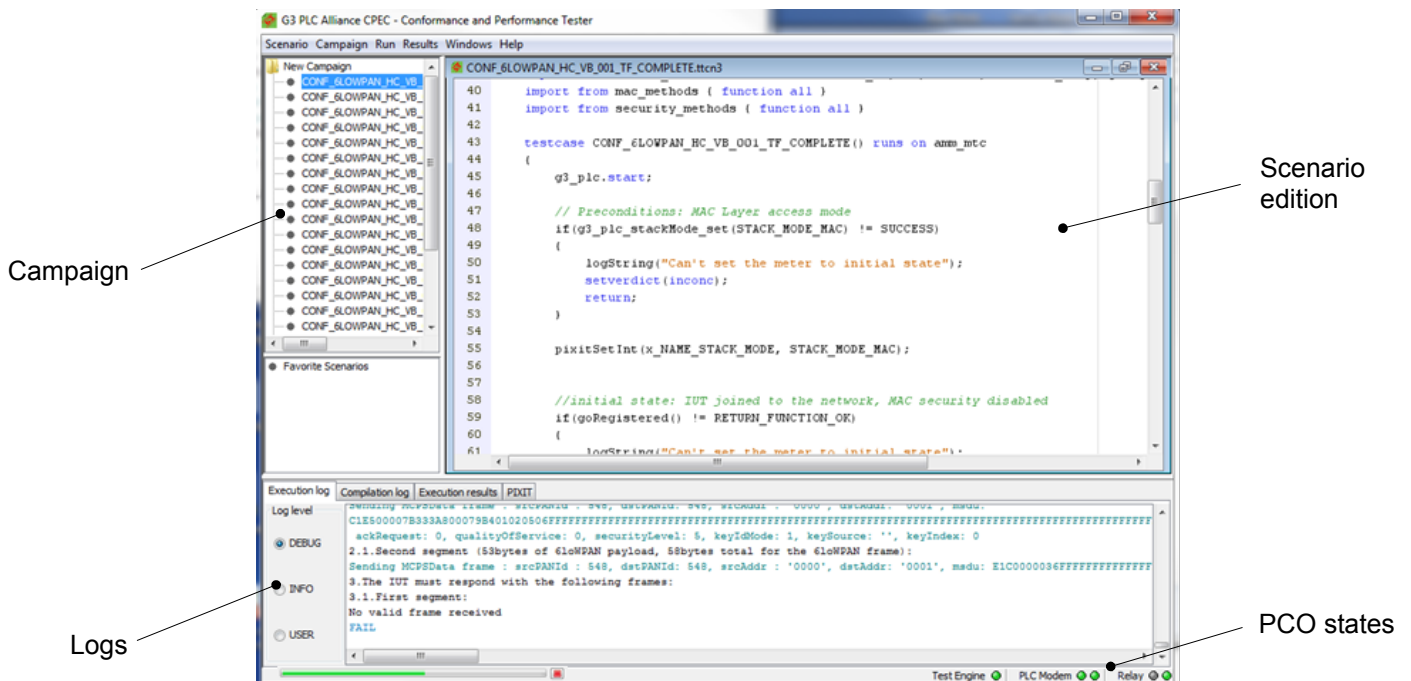
Edit the PICS and PIXIT of the tested device to allow proper testing of your device depending on its configuration and the supported features.

■ Run G3-PLC Alliance Conformance Test Suite

Execute the included test suite that allows to check the conformance of your G3-PLC device with respect to G3-PLC specification

■ Export logs and results

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



■ Detailed user's guide and user's manual

The G3-PLC Alliance Conformance Tester is provided with a detailed user's guide and user's manual for proper use of the tool.

■ Create and edit additional TTCN-3 scenarios

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

■ Included PCOs

The G3-PLC Alliance Conformance 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 DUT).

■ Manage scenarios and campaigns

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

About us

With a leading position on the worldwide Power Line Communication market, TRIALOG provides a high degree of expertise and a complete laboratory tools suite to carry its customers to efficient solutions.

