

## 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

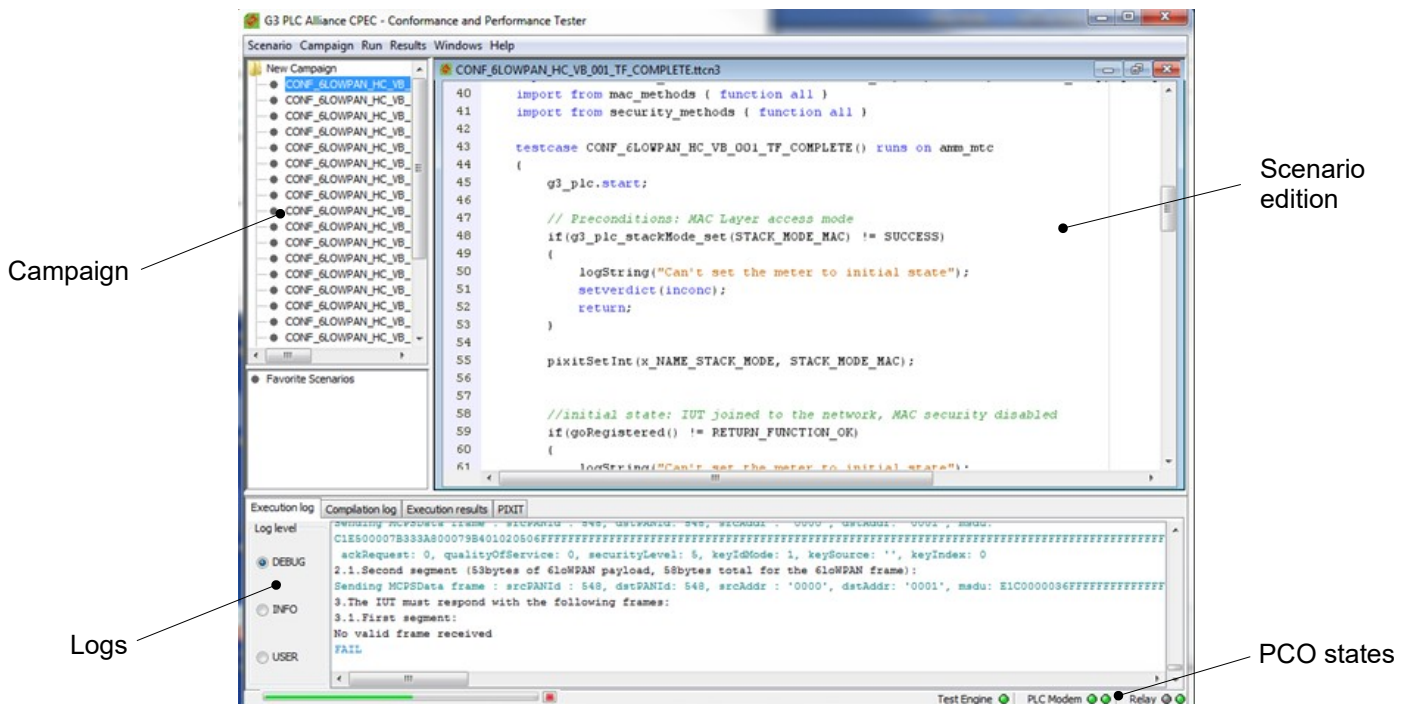
Create and edit test scenarios written in TTCN-3, an ETSI standardized programming language dedicated to test coding.

### ■ 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) allowing to test G3-Hybrid devices.

### ■ Additional PCOs

Additional PCOs may be available on demand.

## Contact us

For further information about this tool, please contact: [yannick.huc@trialog.com](mailto:yannick.huc@trialog.com)