

## Conformiq Software releases version 2.1 of Conformiq Test Generator™

*The new intelligent algorithms produce more powerful and relevant tests, and improved reporting and analysis features make it easier to interpret the test results.*

Conformiq Software Ltd., a Finnish testing technology pioneer, has released the latest version of its revolutionary model-based test automation tool, Conformiq Test Generator™, which enables testing of complex and critical systems efficiently and with better coverage. The product replaces the manual process of writing test scripts with automatically generated test cases. The earlier version 2.0 released in September 2002 was welcomed with enthusiasm in the software industry.

The expected functionality of the system under test is described in terms of a graphical test model. Based on the model, mathematical algorithms generate tests to verify that the system behaves as specified in the test model. With the automated test generator the most relevant tests can be executed in series of thousands, even millions of repetitions. Furthermore, the criticality of a single test and the total test coverage is improved significantly compared to traditional methods. As a result, testing is more productive and defects are found more efficiently.

The product consists of the testing tool itself and ready-made or customized adapter toolkits that enable integration into the system under test. Test models are defined as UML (Unified Modelling Language) state diagrams. The state diagrams are created with a user-friendly graphical model editor, which makes finding and fixing errors as well as regression testing of the system under test easy.

The new or enhanced features of Conformiq Test Generator™ 2.1 include:

- **Exploratory testing-mode for improved intelligence.** New intelligent exploration algorithm reduces redundancy and increases the relevance of the generated tests.
- **New modeling features.** The modeling language has been enhanced to make model development easier and the language more powerful. This allows expressing complicated testing scenarios in a more compact and simple form.
- **New reporting interface.** Customer-specific test run reports can be produced through the new reporting interface.
- **Java-based Test Bed Adapter.** Java-based Test Bed Adapter allows you to write native Java-based system adapters thus making testing of Java applications feasible.

“In the new version we have especially concentrated on improving overall usability and the reporting facilities of Conformiq Test Generator™”, says Mr. Jani Koivulainen, Product Manager of Conformiq Software Ltd.

Conformiq Test Generator™ can be applied for example in functional, interface, protocol and integration testing. In addition to software testing tools, Conformiq Software offers its customers consulting and testing services as well as training.

Conformiq Test Generator™ 2.1 is immediately available on the following platforms: Windows NT, Windows 2000, Windows XP, and Linux (e.g. Red Hat 7.1 or newer).