

Offering

TEMPPPO

the all-in-one test management tool

Test Execution, Managing, Planning and rePorting Organizer

A mature software development process not only requires careful planning, but also reliable testing of the work output produced in all phases of the process. That is why TEMPPPO, the all-in-one test management tool, offers support throughout the entire testing process. In addition to supporting test planning, test design, test case development and test execution, TEMPPPO also evaluates and logs all test case results so as to meet the high quality standards and CMMI aspects demanded by today's software development process.

TEMPPPO

TEMPPPO (Test Execution, Managing, Planning and rePorting Organizer) is a comprehensive test management tool which was designed to provide support for all test and verification stages in the software development process.

Our offer

At the push of a button, TEMPPPO supplies test managers, testers, developers, and project managers with an overview of the status of test activities as well as with details on test creation, test execution, progress, coverage and quality of requirements.

Test planning includes the creation of a test and project plan that provides a basis for test goals and test case characteristics in TEMPPPO. Furthermore, requirements can be imported and later updated from 3rd party products like DOORS® or RequisitePro®.



The all-in-one test management tool for state-of-the-art software development processes

In the **test design** phase, tests can either be designed manually or by using the model-based approach with TEMPPPO Designer (IDATG). Each test case is described by a test goal and a set of attributes and can be linked to the requirements.

Use cases of the application (test object) are modelled with TEMPPPO Designer. Use cases consist of reusable building blocks. Test data is either imported or systematically generated. Test cases (manual) are generated based on the use cases (task flows) and semantic conditions. If using the test automation tool test cases are exported to corresponding scripts.

Test case development is the phase where individual test steps are defined for the manual test cases. The test steps consist of instructions, expected results, and input data. Automated test cases are references to scripts that are programmed in 3rd party test automation tools. In order to achieve optimal maintainability of the tests and systematic test coverage, the test cases can also be generated using the Atos tool TEMPPPO Designer.

Test execution involves the creation of test suites. A test suite contains a subset of the test cases designed in the corresponding test structure.

Test cases are filtered by selecting subtrees of the test structure and defining a logical expression based on test case attributes (e.g., status=ready and priority=high, etc.).

For **automated test execution**, it is possible to interface not only with proprietary tools, but also with COTS products (QuickTest®, SilkTest®, TestPartner®, WinRunner®). The results of these automated tests are automatically logged and written to the TEMPPPO database.

Manual test execution simply involves the recording of all test step results either online or offline (e.g. test in car). In case of a bug, the tester can create a new entry in the change management tool (Bugzilla, Change, Clearquest®, Jira®) on the push of a button.

The **reporting function** allows generating textual as well as graphical evaluations for test structures and testing suites in Excel, Word or HTML format. Additionally professional progress charts for test case creation and execution are provided.

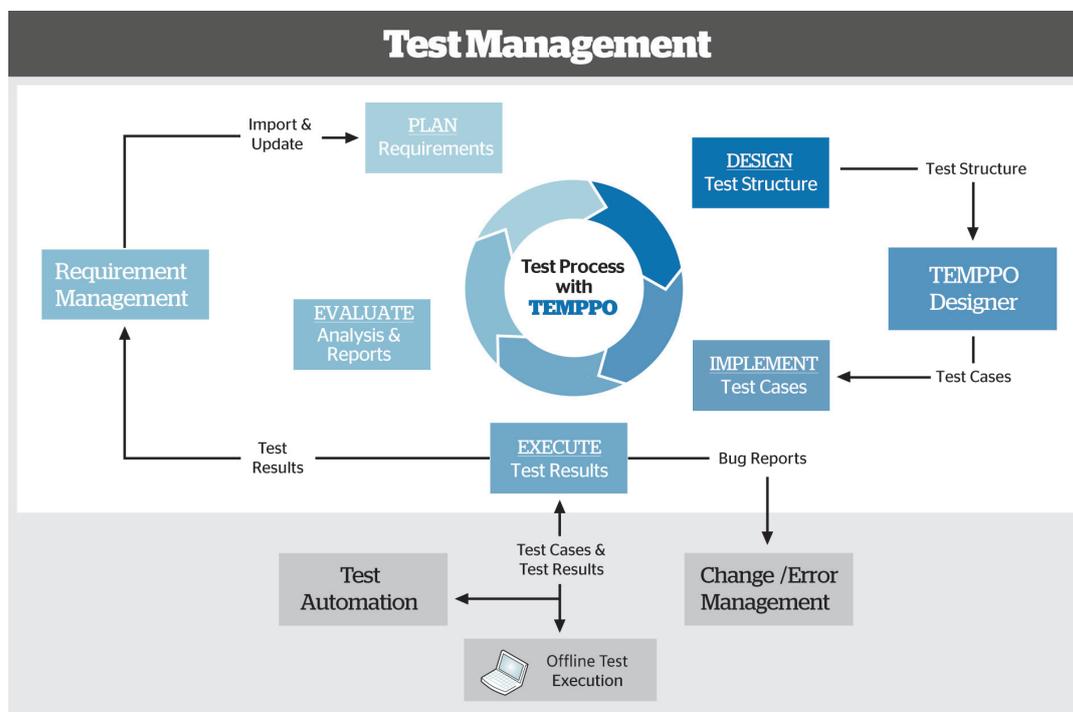
Features

TEMPPPO offers functions for the structured management of both manual and automated test cases, automated test execution via interfaces to QuickTest®, SilkTest®, TestPartner®, WinRunner® and/or proprietary automation tools, as well as integration with DOORS® and RequisitePro® to support requirements tracing up to the testing phase.

The requirement management features of TEMPPPO allow linking of test cases to requirements and therefore traceability from requirements documents to test results.

TEMPPPO makes it a lot easier to conduct tests manually, generate analyses and reports, and optimally distribute access rights via roles in different projects. A blocking mechanism prevents test packages and test cases to be processed by several users at the same time.

TEMPPPO is being used by enterprises from different domains and fields of industry, such as social insurance, chip production, road operators or automotive.



For more information:

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