

SmarteSoft™

Test Automation >>> Made Easy

- Y Currently Supported
- P Planned Functionality
- N Not Supported



General Features									
Fully Web-Based Application (no ActiveX, etc.)	Y	N	Y	Y	Y	Y	Y	Y	N
Support for SQL Server Database Platform	Y	Y	Y	Y	Y	Y	N	N	N
Support for Oracle Database Platform	P	Y	Y	Y	Y	Y	N	N	N
Support for MySQL Database Platform	P	N	N	N	N	N	N	Y	N
Full Unicode Extended Character Support	Y	Y	Y	Y	Y	Y	Y	Y	N
WYSIWYG Rich Text Editing	Y	Y	N	N	N	N	Y	Y	N
Web Services SOAP API to enable integration with other tools/applications	Y	N	N	N	Y	Y	N	Y	N
Data import wizards for easy migration of existing data	Y	Y	N	N	Y	Y	N	N	Y
Requirements Management									
Create, edit and delete requirements in a hierarchical 'scope matrix' organization	Y	Y	Y	N	Y	Y	Y	N	N
Assign importance levels to requirements based on business priority	Y	Y	Y	N	Y	Y	Y	N	N
Assign owners and track requirement completion status	Y	Y	Y	N	Y	Y	N	N	N
Map requirements to test cases to validate that the functionality works as expected	Y	Y	Y	N	Y	Y	Y	Y	N
View the pass/fail status of the tests that cover each requirement	Y	Y	Y	N	Y	Y	N	Y	N
Ability to filter the list of requirements by any of the built-in or custom fields/properties.	Y	Y	N	N	Y	Y	N	Y	N
Move and copy functionality - This allows you to easily move/copy a requirement or set of requirements in the requirements matrix.	Y	Y	Y	N	Y	Y	N	Y	N
Ability to attach documents and other files to requirements.	Y	Y	Y	N	Y	Y	Y	Y	N
Ability to define custom requirements fields/properties, both free-text and list-based.	Y	Y	N	N	Y	Y	Y	N	N
Audit log of all changes made to requirements in the system.	Y	Y	Y	N	Y	Y	Y	N	N
Ability to link requirements to each other as well as to other artifacts.	Y	Y	N	N	N	Y	N	N	N
Test Management									
Create, edit and delete project test cases that are stored in a hierarchical folder structure	Y	Y	Y	Y	Y	Y	Y	Y	Y
Assign an owner to each test case to delegate testing of different areas of the system	Y	Y	Y	Y	Y	Y	Y	Y	Y
Add, edit, reorder and delete individual test steps that define the steps that need to be followed to test the system	Y	Y	Y	N	Y	Y	N	N	N
Specify the expected result and suggested sample data for each test step in the system	Y	Y	Y	N	Y	Y	N	N	N
Execute groups of test cases using the easy-to-use test execution wizard that allows you to mark each step as pass/fail and optionally record a bug	Y	Y	Y	Y	Y	Y	Y	N	N
Ability to pause an incomplete test run and continue running it at a later date.	Y	Y	N	N	Y	Y	Y	Y	Y
Complete traceability from a recorded incident to the underlying requirement that was not satisfied	Y	Y	Y	Y	Y	Y	N	N	N
Ability to filter the list of test cases by any of the built-in or custom fields/properties.	Y	Y	N	Y	Y	Y	Y	Y	Y
Move and copy functionality - This allows you to easily move/copy a test case or test folder containing test cases in the test case list.	Y	Y	Y	Y	Y	Y	Y	Y	Y
Template Test Cases - you can insert an existing test case as a linked test step inside another test case.	Y	Y	N	N	N	Y	N	Y	N
Ability to organize test cases into test sets that can be assigned to different testers	Y	Y	N	Y	N	Y	Y	Y	N

Integration with JUnit, NUnit, PyUnit and TestNG automated unit testing frameworks.	Y	N	N	N	Y	N	N	N	N
Integration with QuickTestPro Functional Testing Tool	Y	Y	N	N	N	N	N	N	N
Integration with Selenium Automated Testing Tool	Y	N	N	N	N	N	N	N	N
Integration with LoadRunner Load Testing Tool	P	Y	N	N	N	N	N	N	N
Ability to attach documents and other files to test cases.	Y	Y	N	Y	Y	Y	Y	Y	Y
Ability to define custom test case fields/properties, both free-text and list-based.	Y	Y	N	Y	Y	Y	Y	N	Y
Audit log of all changes made to test cases in the system.	Y	Y	Y	Y	Y	Y	Y	N	Y
Bug/Defect/Issue Management									
Create, edit, assign, track, manage and close incidents (defects)	Y	Y	Y	Y	Y	Y	N	N	N
Automatically create new incidents (defects) during the execution of test scripts, with the ability to trace incidents to the failing test.	Y	Y	Y	Y	Y	Y	N	N	N
Incidents can be categorized into bugs, enhancements, issues, training items, limitations, change requests, and risks	Y	N	N	Y	Y	Y	N	N	N
Assign an owner, business priority and completion status to each incident	Y	Y	Y	Y	Y	Y	N	N	N
Incident fields can be customized to fit your business needs. Add and/or modify the list of statuses, priorities, defect types and severities.	Y	Y	Y	Y	Y	Y	N	N	N
Fully customizable workflows - You can tailor an incident's lifecycle to match the business processes in your organization by incident type and/or project.	Y	N	N	Y	Y	Y	N	N	N
Email notifications - You can specify when notifications should be sent and to whom. Each workflow allows its transitions to be linked to email notification by role.	Y	Y	Y	Y	Y	Y	N	N	N
Comprehensive searching and sorting of all incidents stored in the system, by name, type, status, owner, detector, creation date, closed date and business priority.	Y	Y	Y	Y	Y	Y	N	N	N
Ability to attach documents and other files to incidents.	Y	Y	Y	Y	Y	Y	N	N	N
Ability to define custom incident fields/properties, both free-text and list-based.	Y	Y	N	Y	Y	Y	N	N	N
Ability to filter and/or sort the list of incidents by any of the built-in or custom fields/properties.	Y	Y	N	Y	Y	Y	N	N	N
Audit log of all changes made to incidents in the system.	Y	Y	Y	Y	Y	Y	N	N	N
Ability to link incidents to each other as well as to other artifacts.	Y	Y	N	Y	Y	Y	N	N	N
Ability to export incidents from SmarteQM into other bug-tracking systems (e.g. JIRA, Bugzilla, MS TFS)	Y	N	N	N	N	N	N	N	N
Release Management									
Ability to manage the list of releases/versions of the software being tested	Y	Y	N	Y	N	N	N	Y	N
Requirements and Test Cases can be mapped to Releases, with the option of filtering both by Release to give a release-specific picture of a project's requirements coverage and test execution status.	Y	N	N	N	N	N	N	N	N
Organize releases hierarchically, with unlimited levels of granularity	Y	N	N	Y	N	N	N	N	N
Test Runs and Incidents are associated with a particular release during the test execution process	Y	N	N	Y	N	N	N	Y	N
The resolution of an Incident and its subsequent verification can be tracked to a specific release during the Incident resolution cycle.	Y	Y	N	Y	N	N	N	N	N
Drill down capability to list the incidents detected, resolved and verified for each release	Y	Y	N	Y	N	N	N	N	N
Ability to filter the list of releases by any of the built-in or custom fields/properties.	Y	N	N	N	N	N	N	Y	N
Move and copy functionality - This allows you to easily move/copy a release or set of releases in the releases list.	Y	N	N	Y	N	N	N	Y	N
Ability to attach documents and other files to releases.	Y	N	N	Y	N	N	N	N	N
Ability to define custom release fields/properties, both free-text and list-based.	Y	N	N	Y	N	N	N	N	N
Audit log of all changes made to releases in the system.	Y	N	N	Y	N	N	N	N	N
Dashboards and Reporting									
Personalized dashboard summary of everything a user needs to know, across all projects, covering requirements, tests and incidents.	Y	N	N	N	Y	Y	N	N	N
Project summary dashboard that displays the health of a project in a single screen, with summary graphs to highlight key information	Y	N	N	N	Y	Y	N	N	N
Customizable dashboards that can be configured by the users of the system to be responsive to their needs.	Y	N	N	N	Y	Y	N	N	N

Summary listing of project issues and risks, color-coded by importance	Y	N	N	N	N	Y	N	N	N
Summary graphs that outline requirements coverage and test execution status	Y	Y	Y	N	Y	Y	Y	Y	Y
Library of graphical graphs including incident discovery/closure rates, cumulative incident counts, incident aging and incident turnaround times	Y	Y	Y	Y	Y	Y	Y	Y	Y
Library of printable testing reports including: Requirements Coverage, Test Case Execution, Printable Test Scripts and Incident Status reports	Y	Y	Y	N	Y	Y	Y	Y	Y
Ability to customize the reports to include different types of information	Y	Y	Y	Y	Y	Y	Y	Y	Y
Ability to filter the reports by date ranges	Y	Y	Y	Y	Y	Y	Y	Y	Y
Ability to filter the reports by artifact parameters (e.g. display only high-priority, completed requirements)	Y	Y	Y	Y	Y	Y	Y	Y	Y
Multi-format reporting, including HTML or MS-Word narrative style and HTML or MS-Excel tabular style.	Y	Y	Y	Y	Y	Y	Y	Y	Y
Summary tables that breakdown the project's requirements and incidents by status and business importance.	Y	Y	Y	N	Y	Y	Y	Y	Y
Project Management									
Create and edit project workspaces, each with associated requirements, tests and incidents	Y	Y	Y	Y	Y	Y	Y	Y	Y
Support for unlimited number of projects	Y	Y	Y	Y	Y	Y	Y	Y	Y
Role-based, configurable access control	Y	Y	Y	Y	Y	Y	Y	Y	Y
Unlimited number of customizable project roles	Y	Y	Y	N	Y	Y	Y	Y	N
Create new projects based on existing project templates.	Y	Y	Y	N	N	Y	N	N	N
Easy to use web-based project administration screens	Y	Y	Y	Y	Y	Y	Y	Y	N
Administration and User Management									
Create and edit user profiles, each with their own set of access permissions	Y	Y	Y	Y	Y	Y	Y	Y	Y
Import users from existing LDAP / ActiveDirectory server, with integrated authentication. Reuse existing passwords	Y	Y	N	N	Y	Y	N	Y	N
Email notification for new account creation, lost passwords and account requests	Y	N	N	N	Y	Y	N	N	N
Secure forms-based web authentication that optionally allows users to save credentials on trusted machines	Y	Y	Y	Y	Y	Y	Y	Y	N
Easy to use web-based system administration screens	Y	Y	Y	Y	Y	Y	Y	Y	N
Easy install (server side only) using Windows Installer and minimal ongoing maintenance needed	Y	N	Y	Y	Y	Y	Y	Y	N

DISCLAIMER: All entries in the comparison table have been made on the basis of information available on respective product websites. The analysis and views expressed in this section and the information made available are purely those of SmarteSoft, Inc.