SpiraTeam® Feature Comparison

Legend:
- C — Currently Supported
- P — Planned Functionality
- X — Not Applicable
- (blank) — Not Supported

Feature	SpiraTeam	Broadcom Rally	digital.ai VersionOne	digital.ai TeamForge	TargetProcess	Microsoft Azure DevOps	Micro Focus ALM	Jira+Zephyr+Bitbucket	IBM Jazz / CLM
General Features									
Fully Web-Based Application (no ActiveX, Flash, etc.)	C	C	C	C	C			C	C
Available as an on-premise solution	C		C	C	C	C	C	C	C
Available as a hosted SaaS solution	C	C	C	C	C	C	C	C	C
Full Unicode Extended Character Support	C	C	C	C	C	C	C	C	C
WYSIWYG Rich Text Editing	C					C	C		
Web Services SOAP API to enable integration with other tools/applications	C	C	C	C	C				
Web Services REST API to enable integration with other tools/applications	C	C	C	C	C	C			C
Electronic signatures for regulated processes	C							C	
Cross-product visibility and associations	C	C	C						
Data import wizards for easy migration of existing data	C	C	C	C	C		C	C	
Requirement / User Story Management									
Create, edit and delete requirements in a hierarchical 'scope matrix' organization	C	C					C		C
Assign importance levels to requirements based on business priority	C	C	C		C	C	C	C	C
Assign owners and track requirement completion status	C	C	C		C	C	C	C	C
Map requirements to test cases to validate that the functionality works as expected	C	C	C		C	C	C	C	C
View the pass/fail status of the tests that cover each requirement	C	C	C		C		C		C
Ability to filter the list of requirements by any of the built-in or custom fields/properties.	C	C	C		C	C	C	C	C
Move and copy functionality - This allows you to easily move/copy a requirement or set of requirements in the requirements matrix.	C	C	C		C	C	C		C
Ability to attach documents and other files to requirements.	C	C	C			C	C	C	C
Ability to define custom requirements fields/properties, both free-text and list-based.	C	C	C			C	C	C	C
Audit log of all changes made to requirements in the system.	C	C	C			C	C	C	C
Ability to link requirements to each other as well as to other artifacts.	C	C	C		C	C	C	C	C
Discussion threads / comments attached to Requirements	C	C	C					C	C
Test Management									
Create, edit and delete product test cases that are stored in a hierarchical folder structure	C	C	C				C		C
Assign an owner to each test case to delegate testing of different areas of the system	C	C	C		C	C	C	C	C
Add, edit, reorder and delete individual test steps that define the steps that need to be followed to test the system	C	C				C	C		C
Specify the expected result and suggested sample data for each test step in the system	C	C	C			C	C		C
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	C						C		C
Ability to pause an incomplete test run and continue running it at a later date.	C						C		C
Complete traceability from a recorded incident to the underlying requirement that was not satisfied	C	C	C				C		C
Ability to filter the list of test cases by any of the built-in or custom fields/properties.	C				C	C	C	C	C

Feature	1	2	3	4	5	6	7	8	9
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.	C	C	C		C	C	C	C	C
Template Test Cases - you can insert an existing test case as a linked test step inside another test case.	C						C		C
Ability to organize test cases into test sets that can be assigned to different testers	C	C	C		C	C	C		C
Support for exploratory testing, with the ability to create and edit test cases 'on the fly' during execution.	C								
Integration with various xUnit testing frameworks. (e.g. NUnit, JUnit, TestNG, PyUnit, RubyUnit, PHPUnit, Perl:TAP)	C				C				
Ability to store and manage automated test scripts	C						C	C	C
Schedule and launch automated tests on both local machine and remote hosts	C							C	C
Pass parameters from test sets to automated and manual test cases	C								C
Test configurations available for data-driven testing	C							C	
Integration with HP UFT Functional Testing Tool	C							C	
Integration with Selenium Automated Testing Tool	C								
Integration with Squish Automated Testing Tool	C								
Integration with TestComplete Automated Testing Tool	C								
Integration with LoadRunner Load Testing Tool	C							C	
Integration with NeoLoad Load Testing Tool	C								
Integration with Rapise Functional Testing Tool	C								
Ability to attach documents and other files to test cases.	C	C	C			C	C	C	C
Ability to define custom test case fields/properties, both free-text and list-based.	C	C	C			C	C	C	C
Audit log of all changes made to test cases in the system.	C	C	C			C	C	C	C
Discussion threads / comments attached to test cases, test sets and test steps	C							C	C

Bug/Defect/Issue Management

Feature	1	2	3	4	5	6	7	8	9
Create, edit, assign, track, manage and close incidents (defects)	C	C	C	C	C	C	C	C	C
Automatically create new incidents (defects) during the execution of test scripts, with the ability to trace incidents to the failing test.	C						C		C
Incidents can be categorized into bugs, enhancements, issues, training items, limitations, change requests, and risks	C			C		C		C	C
Assign an owner, business priority and completion status to each incident	C	C	C	C		C	C	C	C
Incident fields can be customized to fit your business needs. Add and/or modify the list of statuses, priorities, defect types and severities.	C	C		C		C	C	C	C
Fully customizable workflows - You can tailor an incident's lifecycle to match the business processes in your organization by incident type and/or product.	C			C		C		C	
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.	C	C	C	C		C	C	C	C
Comprehensive searching and sorting of all incidents stored in the system, by name, type, status, owner, detector, creation date, closed date and business priority.	C			C	C	C	C	C	C
Ability to attach documents and other files to incidents.	C	C	C	C	C	C	C	C	C
Ability to define custom incident fields/properties, both free-text and list-based.	C	C	C	C		C	C	C	C
Ability to filter and/or sort the list of incidents by any of the built-in or custom fields/properties.	C	C	C	C	C	C	C	C	C
Audit log of all changes made to incidents in the system.	C	C	C	C		C	C	C	C
Ability to link incidents to each other as well as to other artifacts.	C	C	C	C		C	C		C
Ability to export incidents from SpiraTest™ into other bug-tracking systems (e.g. JIRA, Bugzilla, MS TFS)	C	C			C				

Release Planning

Feature	1	2	3	4	5	6	7	8	9
Organize releases hierarchically, with unlimited levels of granularity	C	C		C	C	C	C		C
Specify the number of notional product resources available per release and determine the available effort for assigned requirements and tasks.	C	C	C	C					C

Feature	1	2	3	4	5	6	7	8	9
View the aggregate estimated vs. actual progress of tasks scheduled for the release or iterations contained within the release.	C	C	C	C		C		C	C
The resolution of an Incident and its subsequent verification can be tracked to a specific release during the Incident resolution cycle.	C			C		C	C	C	C
Drill down capability to list the incidents detected, resolved and verified for each release	C	C	C	C			C	C	C
Ability to filter the list of releases by any of the built-in or custom fields/properties.	C			C	C				
Move and copy functionality - This allows you to easily move/copy a release or set of releases in the releases list.	C			C					
Ability to attach documents and other files to releases.	C			C					
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 product's requirements coverage and test execution status.	C	C	C			C			
Test Runs and Incidents are associated with a particular release during the test execution process	C	C	C			C	C	C	
Ability to define custom release fields/properties, both free-text and list-based.	C	C		C					
Audit log of all changes made to releases in the system.	C			C					

Iteration/Sprint Planning

Feature	1	2	3	4	5	6	7	8	9
Create list of iterations within each major release to break down the requested functionality into manageable blocks that can be tracked.	C	C	C	C	C	C		C	C
Specify iteration length, number of working days and product resources to determine the available effort for each iteration.	C	C	C	C	C				
Schedule requirements and tasks against iterations using the agile planning board. This will help you best optimize the iteration plan to deliver the required features within the allotted time.	C	C	C		C	C		C	C
Compare estimates to actuals for continuous process improvement.	C	C	C		C			C	
Quickly adjust scope to respond to changing priorities.	C	C	C		C	C		C	

Task Management

Feature	1	2	3	4	5	6	7	8	9
Create, edit, assign, track, manage and complete product tasks	C	C	C	C	C	C		C	C
Assign an owner, business priority and completion status to each task	C	C	C	C	C	C		C	C
Email notifications - You can specify when notifications should be sent and to whom.	C	C	C	C				C	C
Comprehensive searching and sorting of all tasks stored in the system, by name, progress, status, owner, start date, end date, completion percentage and business priority.	C	C	C	C	C	C		C	C
Ability to attach documents and other files to tasks.	C	C	C	C		C		C	C
Ability to define custom incident fields/properties, both free-text and list-based.	C	C	C	C		C		C	C
Ability to filter and/or sort the list of tasks by any of the built-in or custom fields/properties.	C	C	C	C	C	C		C	C
Audit log of all changes made to tasks in the system.	C	C	C	C		C		C	C
Discussion threads / comments attached to Tasks	C	C	C	C				C	C

Configuration Management & Source Code Integration

Feature	1	2	3	4	5	6	7	8	9
Ability to browse linked source code repositories, including files and revisions.	C			C	C	C		C	
Ability to view the revisions associated with each file in the repository	C			C	C	C		C	
Ability to view the details of each revision, and link artifacts to the revision for full traceability	C	C	C	C	C	C		C	
Ability to view the revisions associated with each Requirement, Incident and Task	C	C	C	C	C	C		C	
Support for multiple Version Control / Software Configuration Management (SCM) providers	C	C	C	C	C				
Provider for Subversion	C	C	C	C	C				
Provider for CVS	C			C					
Provider for Microsoft TFS	C	C	C		C	C			
Provider for Microsoft VSS	C				C				
Provider for Perforce	C	C	C	C	C				
Provider for GIT	C	C				C		C	
Provider for Mercurial	C					C		C	

Document Management & Collaboration										
Ability to upload documents and web links to a central knowledge sharing repository.	C			C						
Customizable document categorization with support for folders, document types and linked meta-tags.	C			C						
Version control of documents and web links uploaded into the system, providing an audit trail of document revisions.	C			C						
Document management fully integrated into product requirements, releases, incidents and tasks, with all assets uploaded in other parts of the system being available in the central knowledge repository.	C			C						
Ability to search, sort and filter the documents in the repository, with meta-tags providing references to related documents and resources.	C			C						
Integrated instant-messenger that allows conversations to be attached to artifacts in the system.	C									
Dashboards and Reporting										
Personalized dashboard summary of everything a user needs to know, across all products, covering requirements, tests, tasks and incidents.	C	C	C	C				C	C	C
product summary dashboard that displays the health of a product in a single screen, with summary graphs to highlight key information	C	C	C	C					C	C
Assign products into Groups and display integrated product group dashboards to enable product Portfolio Management	C	C	C							C
Customizable dashboards that can be configured by the users of the system to be responsive to their needs.	C	C	C	C				C	C	C
Summary listing of product issues and risks, color-coded by importance	C	C	C	C					C	C
Summary graphs that outline requirements coverage and test execution status	C					C	C	C		C
Library of graphical graphs including incident discovery/closure rates, cumulative incident counts, incident aging and incident turnaround times	C	C	C	C	C	C	C	C	C	C
Library of printable testing reports including: Requirements Coverage, Test Case Execution, Printable Test Scripts and Incident Status reports	C	C	C			C		C		C
Ability to customize the reports to include different types of information	C	C	C			C		C		C
Ability to filter the reports by date ranges	C	C	C	C	C			C	C	C
Ability to filter the reports by artifact parameters (e.g. display only high-priority, completed requirements)	C	C	C	C	C			C	C	C
Multi-format reporting, including HTML, MS-Word, MS-Excel, MS-Project and Adobe Acrobat	C	C	C					C		C
Summary tables that breakdown the product's requirements and incidents by status and business importance.	C	C	C					C		C
Project Management										
Create and edit product workspaces, each with associated requirements, tests and incidents	C	C	C			C	C	C	C	C
Support for unlimited number of products	C	C	C			C	C	C	C	C
Organize products into groups / domains	C	C	C					C	C	C
Role-based, configurable access control	C	C	C			C	C	C	C	C
Unlimited number of customizable product roles	C	C	C			C	C	C	C	C
Create new products based on existing product templates.	C	C	C			C	C	C	C	
Easy to use web-based product administration screens	C	C	C			C		C	C	C
Developer IDE Integration										
Work on your assigned requirements, tasks and incidents directly inside Microsoft Visual Studio	C			C	C	C	C			
Work on your assigned requirements, tasks and incidents directly inside the JetBrains family of developer IDEs (including IntelliJ)	C			C	C	C				
Work on your assigned requirements, tasks and incidents directly inside Eclipse using the Mylyn task-based interface that is part of Eclipse.	C	C	C	C	C					C
Notification and Email										
Setup email notification rules based on different fields being changed in the system.	C	C		C			C	C	C	C
Customizable email templates that allow administrators to change the content displayed in email notifications	C			C				C	C	C

Feature									
Ability for users to subscribe to individual artifacts in the system	C			C				C	C
Users can choose to email a specific artifact to a specific user with a customized message	C			C				C	C
Administration and User Management									
Create and edit user profiles, each with their own set of access permissions	C	C	C	C	C	C	C	C	C
Import users from existing LDAP / ActiveDirectory server, with integrated authentication. Reuse existing passwords	C	X	C	C		C	C	C	C
Email notification for new account creation, lost passwords and account requests	C	C	C	C	C	C		C	C
Secure forms-based web authentication that optionally allows users to save credentials on trusted machines	C	C	C	C	C	C	C	C	C
Easy to use web-based system administration screens	C	C	C	C	C		C	C	
Easy install (server side only) using Windows Installer and minimal ongoing maintenance needed	C	X	C	C	C			C	

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 Inflectra Corporation. It is possible that competing products have additional features not mentioned on the product