



# Visual Trace Spec

## Features

Feature		Use
<b>Data / Artifacts</b>	<ul style="list-style-type: none"><li>• Predefined standard artifacts</li><li>• Custom artifacts with views/attributes</li><li>• Rich text objects</li><li>• Hierarchical data structures</li><li>• Custom prefixes for artifacts identification</li><li>• Allocation and linking</li><li>• Links types and attributes for links</li><li>• Cloning</li><li>• Standard and custom templates</li><li>• Flexible and common user interface for all artifacts</li></ul>	<ul style="list-style-type: none"><li>• Manage requirements, user stories, backlogs, test cases, releases, bugs and other artifacts in one coherent framework.</li><li>• Create custom artifacts with views and custom attributes.</li><li>• Use rich text objects (tables, formatted text, images, etc.) for requirements, test cases and other artifacts specification.</li><li>• Use tree structures for artifacts data management.</li><li>• Define custom prefixes for artifacts. For example, you can use REQ for requirements, TST for test cases, etc.</li><li>• Establish peer-to-peer relationships among artifacts.</li><li>• Manage relationships with link types.</li><li>• Allocate requirements and other artifacts to releases.</li><li>• Use templates to reuse project structures.</li><li>• Collect data in grids, tree or card views, or use spreadsheets.</li></ul>
<b>Notifications</b>	<ul style="list-style-type: none"><li>• Send manual and automatic notifications</li><li>• Built-in notifications center for managing notifications</li></ul>	<ul style="list-style-type: none"><li>• Send notifications for reviews, comments and discussions. Optionally send notifications by email.</li><li>• Review messages in the notification center and write comments.</li><li>• Access notifications comments as threads for any artifact record.</li><li>• Keep all project participants on the same page.</li></ul>
<b>Import/ Export Utilities</b>	<ul style="list-style-type: none"><li>• Export and import utilities</li><li>• Automate import/export process</li><li>• Export or import data in XML, XLS, text and HTML formats</li><li>• Import data with ADO</li></ul>	<ul style="list-style-type: none"><li>• Import data from existing documents and databases.</li><li>• Directly import from databases with ADO connection.</li><li>• Interface with other tools by automatically importing or exporting data in various formats.</li><li>• Edit data offline in spreadsheets and reconcile changes with the database.</li></ul>
<b>Files</b>	<ul style="list-style-type: none"><li>• Customizable structured storage</li><li>• Automatic version control</li><li>• File check in/check out</li><li>• Locking/unlocking files</li><li>• Quick access to document change history</li><li>• One-click open document</li><li>• Control access for files folders</li></ul>	<ul style="list-style-type: none"><li>• Quickly locate project files including source code files, reports, flow charts and more.</li><li>• Link repository files with requirements.</li><li>• Share documents/files among team members.</li><li>• Configure manage your files/documents without the set-up complexities.</li><li>• Restrict user access to files folders.</li></ul>

Feature		Use
<b>Traceability Analysis</b>	<ul style="list-style-type: none"> <li>Graphical views</li> <li>Traceability matrix</li> <li>Tree trace reports</li> <li>Impact analysis</li> <li>Gap analysis</li> <li>Export</li> </ul>	<ul style="list-style-type: none"> <li>Visually establish links among artifacts.</li> <li>Study the impact of change on a system.</li> <li>Generate professional traceability graphs, traceability reports with filtering, grouping and sorting.</li> <li>Generate traceability reports to identify inconsistencies.</li> <li>Export and print traceability reports in PDF, XLS, XML or HTML.</li> <li>Study the impact of requirements or use case change on design and test cases.</li> </ul>
<b>Reports</b>	<ul style="list-style-type: none"> <li>Tabular documents/reporting</li> <li>Filtering/grouping/sorting</li> <li>Formatted documents</li> <li>Enterprise reporting and document generation</li> <li>Summary reports &amp; Graphs</li> <li>Export</li> </ul>	<ul style="list-style-type: none"> <li>Create working documentation with simple drag and drop grouping, sorting and filtering.</li> <li>Create and reuse filters.</li> <li>Generate documents in doc, rtf, HTML and PDF formats for customer sign offs.</li> <li>Generate history reports.</li> <li>Create presentation quality documents with custom templates.</li> </ul>
<b>Concurrency</b>	<ul style="list-style-type: none"> <li>Multi user support</li> <li>Records locking</li> <li>Web enabled</li> </ul>	<ul style="list-style-type: none"> <li>Work collaboratively and concurrently on systems development without update conflicts.</li> <li>Collaborate without physical location barriers.</li> </ul>
<b>Change Management</b>	<ul style="list-style-type: none"> <li>Automatic version control of artifacts and links</li> <li>Baselining</li> <li>Attribute history tracking</li> <li>Trigger suspect for attributes</li> </ul>	<ul style="list-style-type: none"> <li>Maintain artifact (requirements, test cases, etc.) versions without external tools.</li> <li>Revert to any previous version.</li> <li>Audit attributes changes.</li> <li>Easily find Impact of changes with suspect records.</li> </ul>
<b>Access Control</b>	<ul style="list-style-type: none"> <li>Create user groups with different sets of privileges</li> <li>Assign users to user groups</li> </ul>	<ul style="list-style-type: none"> <li>Control the viewing and modifications of different modules.</li> <li>Manage access control easily within user groups.</li> </ul>
<b>Customization</b>	<ul style="list-style-type: none"> <li>Custom attributes/views</li> <li>Customize user interface (GUI)</li> <li>Custom filters</li> <li>Customizable tabbed interface</li> <li>Custom reports and documents</li> <li>Customizable processes</li> </ul>	<ul style="list-style-type: none"> <li>Customize project by project, per your own company standards.</li> <li>Reuse custom filters.</li> <li>Use for Agile and non-agile process.</li> <li>Use for Agile projects with user stories, backlog, release, and test case artifacts. Use for Non-Agile projects requirements, test cases, and use case artifacts. You may combine these, and also create custom artifacts for your process.</li> </ul>
<b>Administration</b>	<ul style="list-style-type: none"> <li>Zero administration and configuration</li> <li>Auto backup</li> <li>Encryption</li> <li>Run server as service</li> </ul>	<ul style="list-style-type: none"> <li>Automatically backup database.</li> <li>No special maintenance required.</li> <li>Securely transfer data.</li> <li>Make server always available.</li> </ul>

#### Minimum system requirements

**Operating Systems:** Win NT/2000/XP/Vista/7/8/10 or Win 2003/2008/2012 server

**Hardware:** 1 GB hard drive, Pentium 1 GHZ class processor