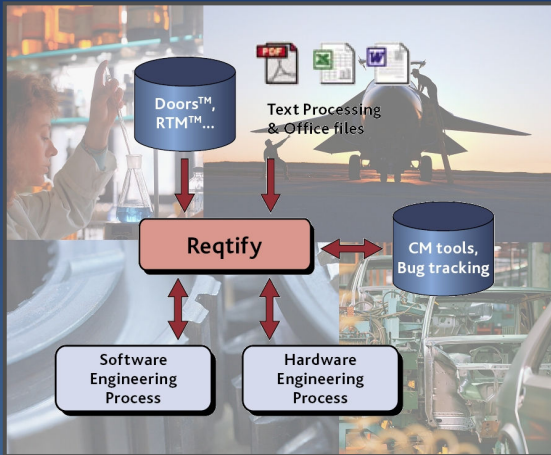


Reqtify

Requirements Traceability and Impact Analysis

CHIASEK



Effective solution for managing requirements traceability and impact analysis across the entire hardware and software project lifecycle.

ChiasTek Sales

Telephone:
(212) 496-1177

E-mail:
info@chiastek.com

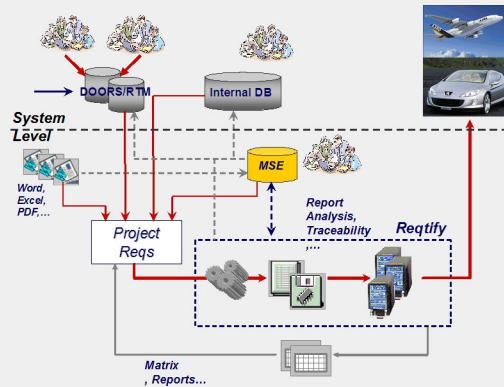
Requirements Traceability and Impact Analysis

Requirements Traceability is now recognized as a best practice for project management. A defined requirements management process is mandatory for CMMI level 3, and traceability is an essential component of the process. Industries with safety critical requirements use requirements management best practices to certify Aeronautics (DO-178B, DO-254), Railway Transportation (EN-50128), and Medical Systems (21 CFR Part 11). Requirements can come from many sources: Word™ or PDF™ documents, Excel™ spreadsheets, DOORS™ modules, internal tools, and bug tracking systems.

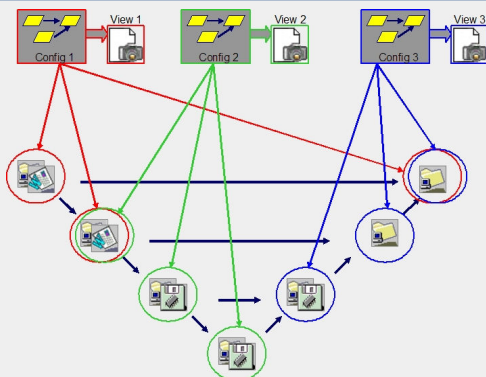
Reqtify Overview

Reqtify uses a lightweight, non-intrusive approach to capture traceability information from requirements documents, requirements management tools, and project artifacts. This unique capability allows Reqtify to be inserted into new or existing projects without significant training and retooling costs. While other tools require training staff to use their methodology, Reqtify does not require changes to your existing requirements capture and management process. Reqtify allows you to capture requirements using familiar MS Office™ and similar tools. Furthermore, requirements may be traced into system development artifacts such as design models, code, test scripts, and test results.

Reqtify's non-intrusive approach keeps teams focused on their development and verification work with their existing tools, improving quality and reducing adoption costs.



Reqtify Benefits

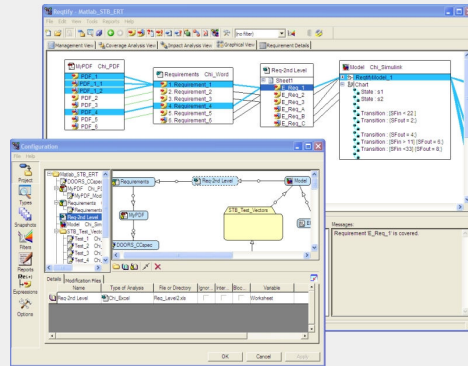


Reqtify is the most effective solution for project teams that need to capture requirements from a variety of sources and provide traceability for impact analysis.

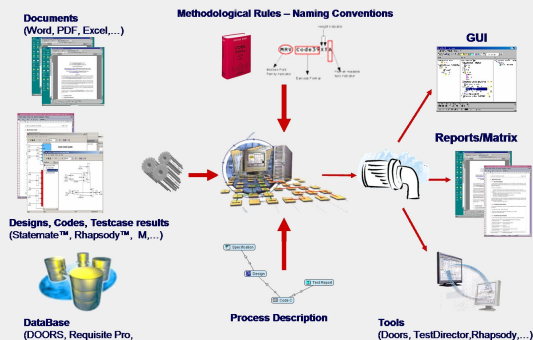
As a light weight, yet powerful solution, Its overall deployment cost is 2 to 3 times lower than other commercial repository-based requirements management products.

Reqtify automates the compliance effort for companies that need to satisfy the most demanding quality standards including, CMMI, DO178B, DO254, and EN50128.

- Use Your Existing Documents - No Database Overhead.
- Traceability through Entire Project from High-level Requirements to Models, Code, Test Scripts, and Test Results.
- Short Learning Curve.
- Almost Instantaneous Positive Return on Investment.
- Automated Documentation Generation.



Interfaces



Reqtify offers the widest list of interfaces on the market.

Geensys, Inc., the developers of Reqtify, has entered into partnerships with major tool vendors making Reqtify the most effective solution to link development and verification processes with requirements.

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- Office & Text processing tools: Word, Excel, Access, Powerpoint, PDF, Framemaker, OpenOffice, ...
- Requirements Management tools: DOORS, RequisitePro, CaliberRM, Slate.
- UML tools: Rhapsody, Objectteering, Rose, Rose RT, MagicDraw.
- Modelling & Design tools: Simulink, StateMate, Scade, Stood.
- Text/Code Editors: TextPad, VI, NEDIT, EMACS, Microsoft Visual Studio.

- Code files: C, Ada, SDL, VHDL, Verilog, Matlab (.m) files, Test scripts files, Test log files.
- Configuration Management tools: Clearcase, CVS, Subversion, PVCS, Dimensions.
- Test Tools: Rational Test Real-Time, HP TestDirector, Cantata++.
- Hardware Design & Verification tools: VisualElite, VN-Check, VN-Cover, imPROVE-HDL, vManager.
- Project Management tools: Microsoft Project, Bugzilla.

Key Features

Reqtify automates and satisfies key industry Quality and Certification standards for multi-level and bi-directional requirements traceability and impact analysis :

- Quick startup – easy to use on existing projects.
- Captures requirements, attributes, references, links at any level (high-level requirements, low-level requirements...).
- Coverage analysis and reporting.
- Real-time detection of requirements changes, creation, and deletion.

- Upstream and downstream impact analysis and help for regression risk management.
- Filtering for more accurate analysis.
- Customizable Reports Generation.
- “Tagger” plug-in to label requirements in Word and PDF documents.
- “Reviewer” plug-in to automate project data reviews.
- Marking feature extends capabilities for management of requirement changes, comments, etc.

Supported Platforms

Windows 2000, XP, Vista

Sun Solaris 2.6 and higher, Linux

Professional Consulting and Training

Reqtify project mentoring.
Customizable consulting on a needs basis, e.g., project instantiation, report generation, or methodology and process support.

On-site “Intro to Reqtify” training.
Web-based individual training (“One2One”).
Public Reqtify classes.