

Project Performance International

REQUIREMENTS MANAGEMENT TOOLS LIST

Tool Name	Website	Comments (if any)
A-Ha	http://www.aha.io/	Project Planning/Tracker tool with RM functionality
Abacus	https://www.avolutionsoftware.com/	Enterprise architecture software with RM functionality that helps build a visual model of company data
Acclaro	http://www.dfss-software.com/dfss_specs.asp	DFSS tool with RM functionality
Accompa	http://www.accompa.com/	RM tool
Acunote	http://www.acunote.com/	PM and Scrum software with RM functionality
Agile Manager	https://software.microfocus.com/en-us/products/agile-project-management-software-development/overview	Agile and RM
Agile-Designer	https://www.ca.com/us/products/ca-agile-requirements-designer.html	Test Design Tool with RM functionality
Agosense.fidelia	https://agosense.com/en/products/agosensefidelia/	Change controlled Requirements Management with modern architecture which integrates easily into other tool environments
Aligned Elements	http://www.aligned.ch/features/	Develop, maintain and track designs and requirements from old files. Best suited for medical device development.
ALM Application Lifecycle Management	https://www.microfocus.com/en-us/products/application-lifecycle-management/overview	ALM tool with RM functionality

ALM Octane	https://software.microfocus.com/en-us/products/alm-octane/overview	RM, Agile, DevOps, Testing +
aNimble	http://sourceforge.net/projects/nimble/	Open source RM tool designed to achieve full SDLC traceability
Aqua ALM	https://www.andagon.com/en/aqua	Enables automatic linking of test cases and defects with requirements for enhanced traceability and communication within the project team
Aras	https://www.aras.com/en/capabilities/requirements	PLM inc. RM
ARCWAY Cockpit	http://www.arcway.com/	Includes RM functionality
Atlas	http://www.microfocus.com/products/requirements-management/atlas/	Agile
Atlassian JIRA	https://www.atlassian.com/software/jira/	Suitable for creating product requirements in an agile environment. 'Confluence' is used for project discussion and gathering requirements for a blueprint.
Avenqo	http://www.avenqo.com/	Includes RM functionality
Axosoft	http://www.axosoft.com/	Agile Tool with RM functionality
Balsamiq	http://www.balsamiq.com/products/mockups	RD, UI Mockup
BusinessOptix	https://www.businessoptix.com/	Visual Modeling
CA Agile Central	https://www.ca.com/us/products/ca-agile-central.html#features	Agile Tool with RM functionality
CA Agile Requirements Designer	https://www.ca.com/us/products/ca-agile-requirements-designer.html	Process and path modeling tool designed to reduce the cost of testing, increase test coverage and improve the quality of requirements and test cases

Cacoo	https://cacoo.com/enterprise	Popular visual modelling including RM visualization capability
Caliber-RM	https://www.microfocus.com/en-us/products/requirements-management-caliber/overview?utm_medium=301&utm_source=borland.com	Complete requirements solution ensuring compliance and alignment of development to needs
Cameo™ Requirements+	https://www.nomagic.com/product-addons/magicdraw-addons/cameo-requirements-modeler-plugin	Part of the NoMagic Cameo™ suite
Capstera	http://www.capstera.com/	Business Analysis tool with RM functionality
CASE Spec	http://visualtracespec.com/	Advanced RM and test case management tool
CaseComplete	http://casecomplete.com/requirements	Capture software requirements, use cases and create documents automatically
Code Beamer	http://intland.com/	Application Lifecycle Management which includes RM functionality
Cognition Cockpit	https://cognition.us	Management of user needs, design outputs and system and regulatory requirements during a project
Conclusion	http://www.ellersoftware.com/	Collaborative all-one-solution for requirements management
Contour	https://www.jamasoftware.com/solutions/requirements-management/	Web-based RM tool
CORE	http://www.vitechcorp.com/products/core.shtml	Enables quick manouvering between RM, behaviour modelling and simulation and design.
Cradle	http://www.threesl.com/	Includes RM functionality, PM, Visual Modeling

Dakota	https://www.dakotasoft.com/	Environmental Health and Safety compliance tool and risk management tool
Dimensions RM	https://www.microfocus.com/products/dimensions-rm/	Comprehensive web-based requirements management
Direct-to-Test	http://www.critical-logic.com/products/direct-to-test-dtt/	Requirements Modeling tool with RM functionality
DOORS	http://www-01.ibm.com/software/awdtools/doors/productline/	Market Leader
DrakonHub	https://drakonhub.com/	Agile visual requirements that aids for enhanced collaboration and traceability
Dynatra	http://www.dynatrace.com/en/index.html/	Application Lifecycle Management tool which includes RM functionality
Enfocus Solutions	http://enfocussolutions.com/services/business-analysis-requirements-management/	RM plus Business Analysis framework
Enovia 3DEXperience	https://www.3ds.com/fileadmin/PRODUCTS-SERVICES/ENOVIA/PDF/Datasheet/ENOVIA-TRM.pdf	RM in suite of tools
Enterprise Architect	http://www.sparxsystems.com/platforms/requirements_management.html?gclid=CL-rzfx24aoCFUjt7QodfQ6o7A	Includes RM functionality and Visual Modeling
Envision VIP	http://www.future-tech.com/requirements.html	RM tool that treats requirements as 'Business Objects' with own attributes
Focal Point	https://teambblue.unicomsi.com/products/focal-point/	Visual Modeling, Product Management
FogBugz	https://www.fogbugz.com	Project Tracker with RM functionality. Tool is also used for agile project management, budgeting, bug tracking, time tracking, prioritizing work and collaborations in every stage of software life cycle.

GatherSpace	http://www.gatherspace.com/	RA& RM tool for Agile. This is a web-based on-demand (just login and start) solution for project management and requirements management.
Genesys	http://www.vitechcorp.com/products/genesys.shtml	MBSE tool which includes RM functionality
GoedelWorks	http://www.altreonic.com/sites/default/files/Brochure%20GW_0.pdf/	Includes RM functionality
Hansoft	https://www.perforce.com/downloads/hansoft-server/	RM tool useful for managing projects with a high degree of customizability, flexibility and support for the tool
HelixRM	https://www.perforce.com/products/helix-requirements-management	Complete RM tool
HPE ALM/Quality Center	https://www.microfocus.com/en-us/solutions/software-development-lifecycle	HPE application life cycle management tool is useful for all sizes of organizations. Includes features on Agile project management, Quality management, Application life cycle intelligence and Open source Integration.
iConcur Axiom	https://axiom1.software.informer.com/download/	Free requirements writing tool
In-Step BLUE	http://www.microtool.de/en/products/in-step-blue/	An integrated tool for RM and project management
Innoslate	https://www.innoslate.com/	Innoslate is a tool used to develop, capture and analyze the requirements with Income standards. It collaborates very efficiently the requirement management with model-based engineering.
Innovator for Business Analysts	https://www.mid.de/download/innovator-downloads/innovator-business-analyst	Visual Modeling and RM
Integrity Lifecycle Manager	https://www.ptc.com/en/products/plm/plm-products/integrity-lifecycle-manager/	Agile requirements and test management

iPlan	http://www.iplanenterprise.com/	Project Planning Framework with RM Functionality
IRIS Business Architect	http://biz-architect.com/	Powerful management tool which dynamically and continuously handles requirement changes efficiently. Tools is compliant with standards and correlates IT with business operations.
iRise	http://www.irise.com	Responsive prototyping and agile requirements for teams
IRqA	http://www.visuresolutions.com/inicio	RM tool plus basic modeling
JAMA	http://www.jamasoftware.com/	RM, test management, risk management and analytics
JIRA Software	http://www.atlassian.com/software/jira/overview	This low cost product has been used for requirements management in small agile projects, sometimes integrated with Confluence (an editor which can integrate JIRA with MS Office)
jUCMNav	http://jucmnav.softwareengineering.ca/ucm/bin/view/ProjetSEG/WebHome	Free tool for the User Requirements Notation (URN)
KanBan Flow	https://kanbanflow.com/	Lean project management with real-time collaboration
Kovair ALM Studio	http://www.kovair.com/alm-studio/	SDLC/ ALM solution that supports isolated teams in performing all steps of RM across the life cycle stage
LeanKit	https://leankit.com/	Visualize team work as you proceed through
Lighthouse RM	http://www.workspace.com/	Includes RM functionality

LiteRM	http://www.literm.com/	Rich requirements assortment, diagram generation and precise definitions functionality for a competitive price
Mac A&D & Win A&D	MAC A&D: http://www.excelsoftware.com/maca&dproducts WIN A&D: http://www.excelsoftware.com/wina&dproducts	Software design tool including RM functionality
MagicDraw	https://www.nomagic.com/products/magicdraw	Visual Modeling
Matrix Requirements Medical	https://matrixreq.com/	Online requirement and risk management solution for medical devices
MDConnect for DOORS	http://sodius.com/products-overview/dxl-editor/	Provides access to DOORS objects in the Eclipse environment
Micro Focus Optimal Trace	http://www.powertest.com/software-requirements-definition-management-micro-focus-optimal-trace.html	Requirements capture software
Modelio Requirement Analyst	https://www.modeliosoft.com/en/modules/analyst.html	Elicit, analyze, validate, review and manage requirements
Modern Requirements 4TFS	https://www.modernrequirements.com/modern-requirements4tfs/	Requirements elicitation, authoring and analysis
MonkeyProof Requirements Manager	https://monkeyproofsolutions.nl/wordpress/products/model-based-design-toolsuite/requirements-management/	Intended for use with Simulink®, Stateflow®, and code generation tools, however, can be used more generally
Needs & Means	https://www.needsandmeans.com/	Purpose-built Planning Language requirements authoring and management applications
ObjectiF RM	http://www.microtool.de/en/objectif-rm-tool-for-requirements-engineering/	Visual Modeling, RM, requirements analysis, specification writing
ObjectiF RPM	http://www.microtool.de/objectif/en/anforderung.asp?call=en	Visual Modeling, RM, Project Management and Agile

Objectiver	http://www.objectiver.com/	RM plus RA
Omnitracker	https://www.omnitracker.com/en/?r=rmt	Requirements gathering software tool
OneDesk Enterprise Social Suite	http://www.onedesk.com/	PM tool with RM functionality
Open Project	https://www.openproject.org/	Agile
OpenShore	http://www.openshore.org/	Semantic Document Repository
Orcanos	https://www.orcanos.com/compliance/products/requirements-management/?r=rmt	RM tool with enhanced traceability capability
PACE	http://www.viewset.com/products	Includes RM functionality
Pearls	https://pearls-inc.com/	Add and manage use cases and requirements
Pivotal Tracker	http://www.pivotaltracker.com/	Includes basic requirements management functionality intended for use in an agile development environment
PixRef Pro	http://www.pi-innovo.com/products/openecu-utility-software/pixref	Traces into content of files
Polarion Requirements	http://www.polarion.com/products/requirements/index.php/	Coordinate and track all requirements management activities throughout the development life cycle and across projects
Pond	http://www.floruitlabs.com/	A simple requirements management tool built with process improvement in mind. The philosophy is that a simple process means risk is avoided and cost is reduced.
PREEvision	http://vector.com/vi_preevision_en.html	Modeling tool with RE functionality

Process Street	https://www.process.st/	User-friendly Requirements Management tool to manage processes, team workflow, checklists and operating procedures
Projectricity	https://www.projectricity.com	RM tool
ProR	http://eclipse.org/rmf/pror/	ProR is a tool for requirements engineering that supports the ReqIF 1.0.1 Standard natively
pSODA	https://www.psoda.com/global/	Online cloud project management software with RM functionality
PTC Application Lifecycle Management	https://www.ptc.com/en/products/all	Includes RM functionality
PTC Integrity	https://www.ptc.com/en/products/plm/plm-products	APM Tool with RM functionality
QFD Capture	http://www.qfdcapture.com/	Business Analysis tool which includes RM functionality
QPack Requirements Management	http://www.orcanos.com/compliance/products/requirements-management/	RM Tool
Quality Centre Enterprise	https://software.microfocus.com/en-us/products/quality-center-quality-management/overview	Includes RM capability
R4J- Requirements Management for Jira	https://marketplace.atlassian.com/apps/1213064/r4j-requirements-management-for-jira	Web-based dashboard for product teams to collaboratively manage requirements, change requests, issues, and reporting
RaQuest	http://www.raquest.com/	RaQuest is a Requirements Management tool for UML Modeling tool Enterprise Architect (EA)
Rational DOORS	http://www-03.ibm.com/software/products/en/ratidoorng/	Capture, trace, analyse and manage systems and advanced IT application development

Rational Focal Point	https://www.teambblue.unicomsi.com/products/focal-point/	Includes RM functionality
Rational Requirements Composer	https://www.process.st	RM tool
Raven	http://www.ravenflow.com/	Translates natural language in requirements/models/diagrams
RDD-100 Version	http://www.holagent.com/	Includes RM functionality
ReqChecker	https://reqchecker.eu	Control and checks coverage of the requirements
ReqEdit	https://www.reqteam.com/en	A simple and portable ReqIF editor for Windows OS
Reqtify	https://www.3ds.com/products-services/catia/products/reqtify/	RM, traceability and impact analysis
Requirement One	http://www.requirementone.com/	All-in-one compliance management
Requirement Tracing System	http://bandwood.com/portfolio/change-management-system/	Metric-based analysis of requirements
Requirements Assistant	http://www.requirementsassistant.nl/	Analyses requirements at sentence, paragraph and document level for better requirements
Requirements Hub	https://selecthub.com/requirementshub/	Requirements templates, stakeholder collaboration and automated workflow
Requirements Ninja	https://itunes.apple.com/TR/app/id921251297	Capture and document business requirements and create a requirement document in real time
Requirements Quality Suite	http://www.reusecompany.com/requirements-quality-suite	Includes Requirements Authoring Tool (RAT), Requirements Quality Analyser (RQA) and Knowledge Manager (KM)

ReqVIEW	http://www.reqview.com/	Simple and powerful RM tool for software and system development projects
RESDES	http://www.jenzundpartner.de/repositories/requirements-repository/overview.html	Includes RM functionality
Rhapsody from IBM	https://www.ibm.com/us-en/marketplace/rational-rhapsody	Provides RA functionality
Rhythm	https://www.microfocus.com/products/rhythm/	Agile and RM
RMdB	https://www.softtechsolutions.com.au/	Requirements, risk and tender management tools
RMsis	http://www.optimizory.com/	RM Tool. Integrates with JIRA
RMTrack	https://www.rmtrak.com/home.aspx	Simple tool for tagging, tracing, allocating and verifying project requirements
Rommana ALM	https://rommanasoftware.com/requirement-tools.php	ALM tool with RM functionality
RQA (Requirements Quality Analyzer)	http://www.reusecompany.com/	A checking tool that carries out lexical and syntactic analysis of requirements
ScopeMaster	https://www.scopemaster.com/	Finds defects in software requirements and simultaneously generates functional size estimate
Scrumwise	http://www.scrumwise.com/	Agile tool with RM functionality
Serena Dimensions RM	https://www.microfocus.com/serena/?utm_medium=301&utm_source=serena.com	IT change management tool
SILKROAD ALM	www.nsetec.com/	SILKROAD is an application life cycle management system for high reliability software
Silkroad ALM	http://www.silkroadalm.com/main.do	Application lifecycle management reliability software with RM capability

SOX2RM	http://www.enco-software.com/software/#requirements	Safety and security engineering workbench with RM functionality
SpiraTest	http://www.inflectra.com/SpiraTest/	Test management, requirements and bug tracking
StateStep	https://statestep.com	Supports specification by avoiding costly, time-consuming oversights
StoriesOnBoard	https://storiesonboard.com/	StoriesOnBoard is a visual requirements tracking and collaboration tool that enables creation of user stories, requirements, and features that can be prioritized as desired
SwiftCase	www.swiftcase.co.uk	Scalable business platform for automating workflow across a versatile range of industries
SwiftKanBan	https://www.digite.com/swiftkanban/	Lean agile PM with RM functionality
Target Process	https://www.targetprocess.com/	Agile
Teamcenter SE	http://www.plm.automation.siemens.com/en_us/index.shtml	Includes RM functionality
TestCenter	https://www.testcenter.one/?utm_source=capterra	TestCenter supports you in documenting, analyzing and administrating all core test artifacts such as requirements, test cases, test runs and relates them to each other as well as product releases
Top Team Visual Use Case	http://www.visualusecase.com/	Visual Modeling for clear and accurate requirements capture
TopTeam Analyst	http://www.technosolutions.com/topteam_analyst.html	RD and RM tool with visualization capability
Tosca	http://www.tricentis.com/tricentis-tosca-testsuite/software-test-management-execution/	Test Management tool with RM functionality

Tracecloud	http://www.tracecloud.com/GloreeJava2/jsp/WebSite/TCHome.jsp	Requirements management and traceability online
TrackStudio	http://www.trackstudio.com/	Ultra-configurable issue tracking system with requirements gathering and PM capability
TREND/Analyst	https://www.gebit.de/loesungen/technische-loesungen/trend-analyst-requirements.html	Requirements engineering for application development
Tuleap Enterprise	https://www.tuleap.org/	All in one Agile development with RM functionality
VersionOne	http://www.versionone.com/product/agile-project-management-tool-overview/	Agile Project Management Tool with RM functionality
Visible Thread	http://www.visiblethread.com/products/visiblethread/	Sales and Business SW with RM and Traceability functionality
Visual Paradigm	http://www.visual-paradigm.com/features/	Visual Modeling for building and management diagrams and elements
Visual Trace Spec	http://visualtracespec.com/	Fully customizable, user-friendly tool for requirements specification and traceability
Visure Requirements	https://visuresolutions.com/	Comprehensive collaborative ALM platform including full traceability, tight integration with MS Word/Excel, and standard compliance templates for ISO 26262, IEC 62304, IEC 61508, CENELEC 50128, DO-178B/C, FMEA, SPICE, CMMI, etc.
Workspace	http://www.workspace.com/	Free project management with no project or user limits (includes RM functionality)
Yodiz	https://www.yodiz.com/	Scalable agile tool for teams with RM functionality

Yonix	http://www.yonix.com/#features	Comprehensive PM tool with RM functionality
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The scope keywords are:

Agile: The tool provides specific artifacts and workflow support for requirements practices in agile development.

ALM: The tool provides specific functionality for Application Lifecycle Management (ALM) i.e. the specification, design, development and testing of a software application.

DevOps: The tool provides specific support for unifying software development and software operation.

DFSS: The tool provides specific support for the Design for Six Sigma (DFSS) business-process management method.

Issue Management: The tool provides specific support for issue, request, or defect management.

Product Management: The tool provides specific features for product management, such as portfolio management and release management.

Project Management: The tool provides specific support for project management.

PLM: The tool provides specific support for Product lifecycle management (PLM) i.e. integration of data, processes, business systems and people in an enterprise.

RA: Requirements Analysis, the tool provides specific functionality supporting the entire requirements analysis process including identification, capturing, management and verification.

RD: Requirements Development, also denoted Requirements Definition; the tool provides specific functionality supporting the early stage of the requirements life cycle.

RM: Requirements Management; the tool provides the core functionality for record-based management of requirements, and sometimes also document-based RM.

Testing: The tool provides specific support for artifacts and processes of testing, especially in combination with RM (e.g., requirements-based testing).

UI Mockup: The tool provides specific support for prototyping or developing graphical user interfaces.

Visual Modeling: The tool provides specific functionality for graphical models, such as UML, BPMN, or SysML models, or for hand-drawn sketches.

Definitions expanded and adapted from <http://makingofsoftware.com/>

References for tool descriptions:

Capterra.com. (2018). Best Requirements Management Software | 2018 Reviews of the Most Popular Systems. [online] Available at: <https://www.capterra.com/requirements-management-software/> [Accessed 29 November 2018].

Softwaretestinghelp.com. (2018). 45 Best Requirements Management Tools (The Complete List). [online] Available at: <https://www.softwaretestinghelp.com/requirements-management-tools/> [Accessed 29 November 2018].