

Project Performance International Requirements Management Tools List

Tool Name	Website	Comments (if any)
Abacus	https://www.avolutionsoftware.com/abacus/	Enterprise architecture software with RM functionality that helps build a visual model of company data
Accept 360	http://www.accept360.com/solutions/accept360-requirements/	Includes RM functionality
Acclaro	http://www.dfss-software.com/dfss_specs.asp	DFSS tool with RM functionality
Accompa	http://www.accompa.com/	RM tool
Accord ReMa	http://www.accord-soft.com/rema.html	Manage and track requirements through the entire software life cycle
Acunote	http://www.acunote.com/	Agile
Agile-Designer	http://www.agile-designer.com/	Test Design Tool with RM functionality
Agile Manager	https://software.microfocus.com/en-us/products/agile-project-management-software-development/overview	Agile and RM
Agilio	http://www.agiloforscrum.com/	Agile
Agosense.fidelia	https://agosense.com/en/products/agosensefidelia/	Change controlled Requirements Management with modern architecture which integrates easily into other tool environments
A-Ha	http://www.aha.io/	Project Planning/Tracker tool with RM functionality
Aligned Elements	http://www.aligned.ch/features	Develop, maintain and track designs and requirements from old files. Best suited for the medical industry.

Project Performance International Requirements Management Tools List Cont.

Tool Name	Website	Comments (if any)
ALM Octane	https://software.microfocus.com/en-us/products/alm-octane/overview	RM, Agile, DevOps, Testing +
aNimble	http://sourceforge.net/projects/nimble/	RM tool (open source)
Application Lifecycle Management Complete	https://software.microfocus.com/en-us/products/application-lifecycle-management/overview/	ALM tool with RM functionality
Aqua ALM	https://www.andagon.com/en/aqua/module-requirements-management?utm_source=capterra	Enables automatic linking of test cases and defects with requirements for enhanced traceability and communication within the project team
Aras	http://www.aras.com/	PLM inc. RM
ARCWAY Cockpit	http://www.arcway.com/	Includes RM functionality
Atego Modeler	http://www.aonix.com/stp.html	An MBSE tool used to model requirements. 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

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Tool Name	Website	Comments (if any)
Avolution	https://www.avolutionsoftware.com/abacus/	Useful for creating and evaluating new processes for requirements management for analysis of its implementation
Axosoft	http://www.axosoft.com/	Agile Tool with RM functionality
Balsamiq	http://www.balsamiq.com/products/mockups	RD, UI Mockup
Blueprint Reqs Cntr 2010	http://www.blueprintsys.com/products/	RM tool
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
Caliber-RM	http://www.borland.com/Products/Requirements-Management/Caliber	Complete requirements solution ensuring compliance and alignment of development to needs
Cameo™ Requirements+	https://www.magicdraw.com/comeoreq	Part of the NoMagic Cameo™ suite
CA Agile Requirements Designer	https://www.ca.com/us.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
Capstera	http://www.capstera.com/tour/	Business Analysis tool with RM functionality
CASE Spec	http://visualtracespec.com/	Includes RM functionality
CaseComplete	http://www.casecomplete.com/	Visual Modeling, RM, UI Mockup
Cause-Effect Modeling Suite	http://www.critical-logic.com/	The Cause-Effect Modeling (CEM) Suite helps ensure requirements, specifications and test cases are compatible and complete

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Tool Name	Website	Comments (if any)
Code Beamer	http://intland.com/	Application Lifecycle Management which includes RM functionality
Cognition Cockpit	http://www.cognition.us/cockpit_overview.html	Management of user needs, design outputs and system and regulatory requirements during a project
ComplyPro	http://www.complyserve.com/	Web-based project compliance, progressive assurance, requirements management software targeted at overcoming complexity in projects
Contour	http://www.jamasoftware.com/solution/	JAMA Product Delivery Platform includes RM tool
CORE	http://www.vitechcorp.com/	Includes RM functionality
Cradle	http://www.threesl.com/	Includes RM functionality, PM, Visual Modeling
Dakota	http://www.dakotasoft.com/	Management of Environment, Health and Safety Requirements
DevSpec	http://www.techexcel.com/products/devsuite/devspec.html	RM 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

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Tool Name	Website	Comments (if any)
Dynatrace	http://www.dynatrace.com/en/index.html	Application Lifecycle Management tool which includes RM functionality
Enfocus Solutions	http://enfocussolutions.com/	RM plus Business Analysis framework
Enovia 3DExperience	https://www.3ds.com/products-services/enovia/disciplines/strategic-customer-relationships/tag/3677-230/	RM in suite of tools
Enterprise Architect	http://www.sparxsystems.com/platforms/requirements_management.html?gclid=CL-rzfX24aoCFUjt7QodfQ6o7A	Includes RM functionality amd Visual Modeling
Envision VIP	http://www.future-tech.com/requirements.html	Business Analysis SW with RM functionality
Focal Point	https://teambblue.unicomsi.com/products/focal-point/	Visual Modeling, Product Management
FogBugz	http://www.fogcreek.com/fogbugz/	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
GMARC	http://www.informeng.com/itmidx1.htm	RA & RM toolset

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Tool Name	Website	Comments (if any)
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
HP Agile Manager	https://www.pronq.com/software/agile-manager	Agile Project Management Tool with RM functionality
HPE ALM/Quality Center	https://software.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	http://www.iconcur-software.com/index.html	RM tool
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 Businss Analysts	https://www.mid.de/download/innovator-downloads/innovator-business-analyst	Visual Modeling and RM
In-Step BLUE	http://www.microtool.de/en/project-planning-with-in-step-red/ http://www.microtool.de/en/in-step-blue-project-management-software/	This is basically a project management software which covers the requirement and change management
inteGREAT	http://www.modernrequirements.com/integreat/	Includes RM functionality

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Tool Name	Website	Comments (if any)
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	Includes RA & RM functionality
IRqA	http://www.visuresolutions.com/inicio	RM tool plus basic modeling
JAMA	https://www.jamasoftware.com/	RM and testing
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/	Agile
KanBan Tool	https://kanbantool.com/	Agile
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

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LeanKit	https://leankit.com/	Agile
LeapSE	http://www.leapse.com/index.htm	RA and RM tool
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	Includes 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
MDCoconnect 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	RM and RA
Mingle	http://www.thoughtworks.com/mingle/	Project Management Tool with RM functionality
Modelio Requirement Analyst	https://www.modeliosoft.com/en/products/solutions/solutions-business-architects.html	Elicit, analyze, validate, review and manage requirements
Modern Requirements 4TFS	https://www.modernrequirements.com/modern-requirements4tfs/	RM, RD, Visual Modeling

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Tool Name	Website	Comments (if any)
MonkeyProof Requirements Manager	http://www.monkeyproofsolutions.nl/en/products/monkeyproof-requirements-manager	Intended for use with Simulink®, Stateflow®, and code generation tools, however, can be used more generally
MooD Platform	https://www.moodinternational.com/	Business Modeling
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
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
OneDesk Enterprise Social Suite	http://www.onedesk.com/	Includes RM functionality
Open Project	https://www.openproject.org/	Agile
OpenShore	http://www.openshore.org/	Semantic Document Repository

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Tool Name	Website	Comments (if any)
PACE	http://www.viewset.com/index.php/products-pace-overview	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
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.
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
PREvision	http://vector.com/vi_preevision_en.html	Modeling tool with RE functionality
Projectricity	http://www.projectricity.com/specification_tool.htm	RM tool
Process Street	https://www.process.st/	User-friendly Requirements Management tool to manage processes, team workflow, checklists and operating procedures
ProR	http://eclipse.org/rmf/proR/	A RM tool that supports the ReqIF 1.0.1 Standard
pSODA	http://www.psoda.com/cms.php/what-is-psoda/requirements-management?v=0	RM tool

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Tool Name	Website	Comments (if any)
PTC Application Lifecycle Management	http://www.ptc.com/application-lifecycle-management	Includes RM functionality
PTC Integrity	http://www.ptc.com/product/integrity	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
Rally ALM	http://www.rallydev.com/platform-products/rally-editions	Includes RM for agile
RaQuest	http://www.raquest.com/	RaQuest is a Requirements Management tool for UML Modeling tool Enterprise Architect (EA)
Rational DOORS Next Generation	http://www-03.ibm.com/software/products/en/ratidoorg/	Market Leader RM Tool on its new version
Rational Focal Point	http://unicomsi.com/products/focal-point/	Includes RM functionality
Rational Requirements Composer	https://jazz.net/projects/rational-requirements-composer/	RM tool
Raven	http://www.ravenflow.com/	Translates natural language in requirements/models/diagrams

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Tool Name	Website	Comments (if any)
RDD-100 Version	http://www.holagent.com/	Includes RM functionality
ReqChecker	https://blog.testlodge.com/requirements-management-tools-list/	ReqChecker is a simple tool that helps you check your requirements coverage
ReqEdit	https://www.reqteam.com/en	RM tool
ReqLine	http://pragnalysis.com/	Includes RM functionality. Used on MS Office.
Reqtify	http://www.3ds.com/products-services/catia/capabilities/requirements-engineering/reqtify/	RM tool
Requirements Hub	https://selecthub.com/requirementshub/	Requirements templates, stakeholder collaboration and automated workflow
Requirement One	http://www.requirementone.com/	RM tool
Requirement Tracing System	http://bandwood.com/portfolio/change-management-system/	RM plus CM
Requirements	http://www.workspace.com/	Includes RM functionality
Requirements Assistant	http://www.requirementsassistant.nl/	RA plus RM tool
Requirements Management Database	http://www.reqdb.com/	RM tool
Requirements Ninja	https://itunes.apple.com/TR/app/id921251297	RM tool for iPad

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Requirements Quality Suite	http://www.reusecompany.com/requirements-quality-suite	Includes Requirements Authoring Tool (RAT), Requirements Quality Analyser (RQA) and Knowledge Manager (KM)
Requisite Pro	http://www-01.ibm.com/software/awdtools/regpro/	RM tool
ReqVIEW	http://www.reqview.com/	RM tool
RESDDES	http://www.jenzundpartner.de/repositories/requirements-repository/overview.html	Includes RM functionality
Rhapsody from IBM	http://www-01.ibm.com/software/rational/products/rhapsody/sysarchitect/	Provides RA functionality
Rhythm	https://www.microfocus.com/products/rhythm/	Agile and RM
RMdB	https://www.softtechsolutions.com.au/	Simple, affordable RM tool
RMsis	http://www.optimizory.com/	RM Tool. Integrates with JIRA
rmtoo	http://www.flonatel.de/projekte/rmtoo/	Free open source
RMTrack	https://www.rmtrak.com/home.aspx	RM Tool
Rommana ALM	https://rommanasoftware.com/requirement-tools.php	ALML with RM functionality
RQA (Requirements Quality Analyzer)	http://www.reusecompany.com/	A checking tool that carries out lexical and syntactic analysis of requirements

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Tool Name	Website	Comments (if any)
RTime	http://www.sdmc.services/products.html	RM tool
Scenario Plus	http://www.scenarioplus.org.uk/	Free RM tools
ScopeMaster	https://www.scopemaster.com/	Finds defects in software requirements and simultaneously generates functional size estimate
Scrumwise	http://www.scrumwise.com/	Agile
SILKROAD ALM	www.nsetec.com	SILKROAD is an application life cycle management system for high reliability software
SOX2RM	http://www.enco-software.com/software/#requirements	RM
Serena Dimensions RM	http://www.serena.com/products/dimensions-rm/index.html	RM tool
Specification APP	http://www.requirementone.com/Product/Requirement-Management	A web-based RM service
Specification Wizard	http://www.meetadd.com/website/products.html	Manage, trace and analyze your requirements without leaving Word. Available in Office Store.
SpecWave	http://www.bentley.com/en-US/Products/SpecWave+Composer/	A specification modeling system
SpiraTest	http://www.inflectra.com	Test mgmt with some RM
SpiraTest / SpiraTeam	http://www.inflectra.com/SpiraTest/Landing.aspx?source=CapterraAd&Listing=SpiraTest http://www.inflectra.com/SpiraTeam/	Test Management Tool with Requirement Management functionality
StateStep	http://statestep.com/	Specification Writing SW with RM functionality

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Tool Name	Website	Comments (if any)
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
SwiftKanBan	https://www.digite.com/swiftkanban/	Agile
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
TestTrackRM	http://www.seapine.com/ttrm.html	Stand-alone & integrated
TopTeam Analyst	http://www.technosolutions.com/topteam_analyst.html	RD and RM tool
Top Team Visual Use Case	http://www.visualusecase.com/	Visual Modeling
Tormigo	http://tormigo.modesto.pl/	Transfer of requirements
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	A RM tool

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Tool Name	Website	Comments (if any)
TrackStudio	http://www.trackstudio.com/	Can be used for RM
TREND/Analyst	https://www.gebit.de/loesungen/technische-loesungen/trend-analyst-requirements.html	RM and Visual Modeling
Tuleap Enterprise	https://www.tuleap.org/	RM and Agile
VeroTrace	http://www.verocel.com/products/requirements-traceability/	RM tool for DO-178B-based
VersionOne	http://www.versionone.com/product/agile-project-management-tool-overview/	Agile Project Management Tool with RM functionality
Visual Paradigm	http://www.visual-paradigm.com/features/	Visual Modeling and Agile
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.
Visible Thread	http://www.visiblethread.com/products/visiblethread/	Sales and Business SW with RM and Traceability functionality
Visual Trace Spec	http://visualtracespec.com/	Fully customizable, user-friendly tool for requirements specification and traceability
Workspace	http://www.workspace.com/	RM and Test
Yodiz	https://www.yodiz.com/	Agile
Yonix	http://www.yonix.com/#features	RM

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/>

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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].