

Single Integrated ALM Product with Central Repository

The Most Cost-effective Way to Manage Software Product Development Lifecycle



PRODUCT HIGHLIGHTS

- ❑ Complete integrated ALM capabilities in a single offering.
- ❑ Central repository providing cross-tool data-based traceability, reports, and dashboards.
- ❑ 100% web-based with global accessibility anytime and anywhere.
- ❑ Support for different development methodologies like Waterfall, Scrum and Kanban
- ❑ Configurable task-based workflow processes and policy engines for enabling micro & macro processes for lifecycle.
- ❑ Automated notifications at every actionable stage to eliminate manual handoffs.
- ❑ Support for cross-project activities at portfolio level.
- ❑ Configurable portfolio management support with different organizational hierarchies.
- ❑ Multiple reporting options - Dashboards, Word, Excel and Crystal Reports, End-to-End Traceability and Real-Time Reports across projects items for total management of the release timeline and quality.
- ❑ Integrations with 110+ commercial tools of ALM, ITSM, CRM and PLM using the Kovair Omnibus — an SOA-based proprietary Enterprise Service Bus.

THE KOVAIR ALM

A cost-effective comprehensive solution for integrated ALM



Requirements Management

- Requirements capture from MS Word, MS Excel, Text, Email, and Web pages or Elicitation tools.
- Rich text description with in-built diagramming capabilities.
- Versioning (Pictorial Representation, Version Comparison, Rollback and merging with older versions)
- Cloning and branching of Requirements
- Complete Audit Trail
- Automated and collaborative review / approval process.
- End to end Traceability with Hierarchical Traceability Views, Matrix View, Network Diagram.
- Proactive and Reactive Impact Analysis.
- Flexible views and filters: Nested hierarchy view and document view.
- Bulk update using Excel-like interface
- Document generation in various formats including MS Word.
- Generation of custom template-based PRD / MRD / SRS documents.
- Graphical and Textual reports and metrics using mouse clicks
- Dashboards covering requirements reports and metrics providing wide range of information in a single shot

Integrated Test Management

- Single Web Interface that integrates Test Management with other lifecycle phases to ensure better Quality.
- End-to-End Traceability between multiple tool data for better release predictability.
- Import test cases from Excel and CSV formats. Export test cases to modify and reimport.
- Single web interface for both Manual and automated testing.
- Eliminate manual handoffs with task-based workflows. Run multiple activities simultaneously.
- Execute Test Cases with "Parameterized" test configurations
- Test Automation through powerful and seamless integration with popular test automation tools.
- Seamless Integration with popular DevOps Pipeline like KovaIR DevOps, Jenkins, Bamboo and Team City
- View real-time test metrics for better decision making.

Defect Management

- Identify, organize, categorize and view defects across projects in a centralized repository. Monitor defect resolution status in real time to improve prediction on quality.
- Automate defect review process flow before including them in a product roadmap. Prioritize defect resolution based on severity of the impact on users, relative effort to fix defects and available open defects. Sync and share defect items with other teams working on popular tools like JIRA, Bugzilla, Azure DevOps through bidirectional integration. Establish traceability links with Test artifacts and Requirements.

Solution Overview

- All-in-one web-based solution accessible anytime, anywhere.
- Support for multiple development methodologies – Waterfall, Scrum, Kanban, Hybrid and any other as followed by the organization.
- Process automation through configurable task-based workflow engine cutting across different functions. Configurable policy engine allowing users to configure business rules as needed.
- End-to-end project coverage, real-time release predictability applications.
- Notification at every level to help in eliminating manual handoffs across multiple time-zones.
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Risk Management

- Provides industry-specific, guided templates empowering teams to instantly begin risk analysis
- Allows categorization of Risks, Opportunities, and Issues
- Allows users to prioritize Risks based on their probability of occurrence and severity
- Automated calculation of Risk Priority Number (RPN)
- Provides on screen Risk Matrix based on the likelihood and severity of Risks
- Provides integrations with multiple security tools providing visibility to security vulnerabilities
- Gives complete visibility of Risks threats or opportunities through real-time reports & dashboards
- Allows to define and manage the Action Items against each Risks and track the deliveries against comparisons
- Allows users to do risk assessment for security related threats

Release Management

- Capabilities for managing different types of releases.
- Configuring and controlling the entire release workflow.
- Real-time monitoring of the progress of the release.
- Creation of high-quality Release Notes in a single click.
- Ability to manage releases automatically through Kovair DevOps pipelines.

Mouse Click Configurable Platform

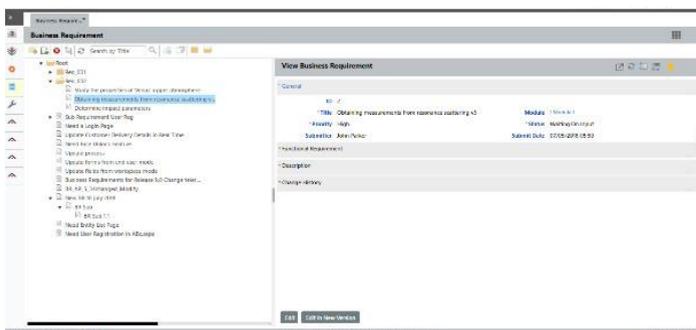
Kovair ALM allows users to configure the solution as per their business needs. Other than the pre-configured modules as mentioned earlier, users can create different artifacts, their attributes or fields, views, filters, forms, reports and dashboards as per their business needs.

Supports Waterfall, Kanban and Scrum

With the mouse click configurable capability of Kovair ALM, users can manage all different development methodologies like Waterfall, Agile Scrum, Kanban and Hybrid. Different projects can follow different methodology as decided by the organization.

Folder Based Organization of Artifacts

Organizing artifacts in different folders is a very common phenomenon in the industry. With Kovair ALM, users can organize artifacts in a folder like structure. Different folder hierarchies can be created, and records can be organized within those. Users can also give permissions to these folders based on roles and responsibilities.

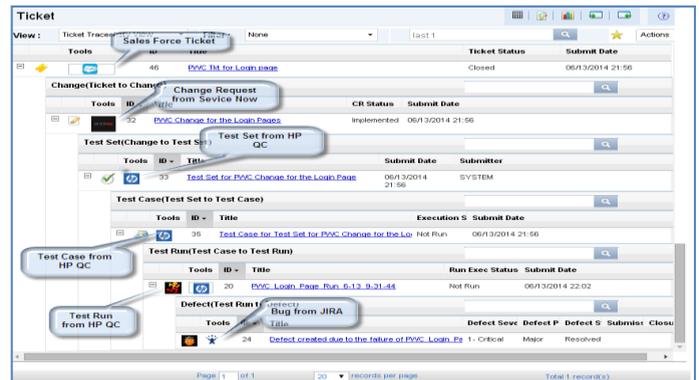


End-to-End Traceability

Kovair ALM allows users to view end-to-end traceability between artifacts. It provides graphical as well as textual representation of end-to-end Traceability based on cross-tool data.

Some distinct capabilities are:

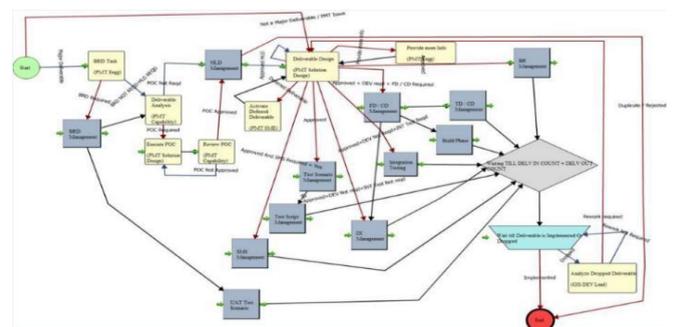
- Supports bidirectional cross tool end-to-end traceability.
- Helps in doing both proactive and reactive impact analysis of a change
- Helps to track different coverage real-time to ensure quality
- Allows to define relationship between artifacts in your own way
- Supports defining attributes specific to relations.



Task-based Workflow

Kovair ALM comes with a Task-based workflow that can be configured graphically over a web-based interface. In comparison to state-based workflow, the task-based workflow of Kovair has the following advantages:

- Enables configuration of a working process instead of imposing any in-built configuration.
- Task-based workflow in contrast to State-based workflow.
- Eliminates manual handoff with combination of tasks and notifications.
- Support for cross tool processes.
- Multiple independent processes at different levels.
- Supports conditional branching.
- Supports both Micro and Macro level processes.
- Web-based visual drag-n-drop designer.
- Provision for defining process template at organization level for reuse in multiple projects.



Real-Time Metrics and Cross-Tool Data Analytics

Kovair ALM helps organizations to generate cross-tool data-based reports and dashboards in real time, which helps stakeholders to take critical business decisions.

Kovair allows users to create both textual and graphical reports and assign them to different users based on their roles and responsibilities. Dashboards created in Kovair ALM also features Drilldown capability.



Kovair Omnibus allows organizations to integrate with all their existing tools to create an integrated tool ecosystem by protecting their investment.

Support for Business Rules

Kovair ALM offers a configurable policy engine that allows users to configure business rules as needed. These business rules can be used for different purposes namely —

- Escalation
- Scheduled activities
- Event-based actions
- Validations

Role-based Access Control Mechanism

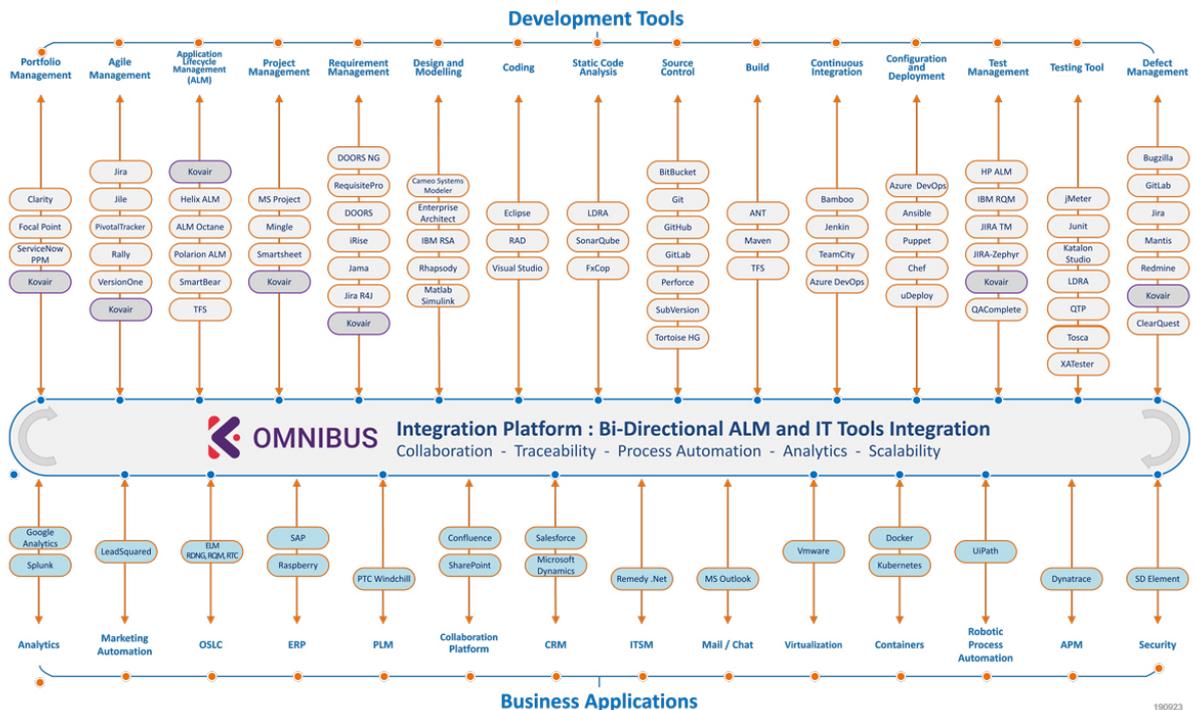
In an organization, every information need not be made accessible for everybody. Stakeholders should be exposed to information based on their roles and responsibilities. Kovair ALM supports this capability in following ways:

- User-level permission at organization level.
- Group-based granular access control on artifact records.
- Role-based explicit access to individual records.
- Conditional access to records based on Attribute value.

Support for Notification

With Kovair ALM, users can configure event or schedule-based notifications. Users can create different textual as well as HTML-based notification templates that can be used to send mails against different events or based on schedules. These notifications help to reduce manual communication between teams and ensure sharing of accurate information.

AVAILABILITY OF 110+ AND GROWING INTEGRATIONS FROM KOVAIR



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