

Micro Focus ALM/Quality Center

Today's business climate demands innovative software to support growth and success. As the pace of competition and change accelerate, application development teams need solutions enabling them to deliver modern applications faster while maintaining quality, reliability, and security.

Micro Focus ALM/Quality Center is a comprehensive, unified, flexible and extensible application lifecycle management product. It provides your teams with visibility across all enterprise projects and the complete application lifecycle. It establishes consistent, repeatable processes for managing requirements, tests, and business components, effectively increasing speed, improving quality and reducing cost.

Product Highlights

End-to-End Traceability

Micro Focus ALM/Quality Center traces relationships between requirements, process

paths, defects, and test coverage, and links requirements and defects directly to code changes and developer tasks, to facilitate alignment with changes. This provides end-to-end traceability throughout the application lifecycle, from requirement definition, planning/scheduling, to development, testing, defect management, to cycle and release management. Its flexible reporting features also render the traceability in various ways matching the needs of different roles. It not only drives collaboration between business analysts, QA and development teams, but also forms the base for regulatory compliance.

Key Benefits

- Connect the team to a 360-degree transparency view across application lifecycle and across projects
- Accelerate business by enabling fast delivery while maintaining high quality
- Gain confidence on Quality backed by real-time data
- Support Agile and hybrid development with integrations to leading Enterprise Agile Planning tools
- Achieve regulatory compliance with Risk-based Quality Management, e-Signature solution, SSO, and end-to-end traceability
- Enterprise readiness with high customizability, scalability, reliability, and security
- Flexible deployment options: on-prem, SaaS, or installation onto cloud
- Manage the quality of Things and run tests in an offline mode on mobile devices
- Advanced reporting and analytics capabilities enabling actionable insight
- Tight integration with Micro Focus tools and other 3rd party tools
- Openness with REST API to allow integration, administration and data exchange

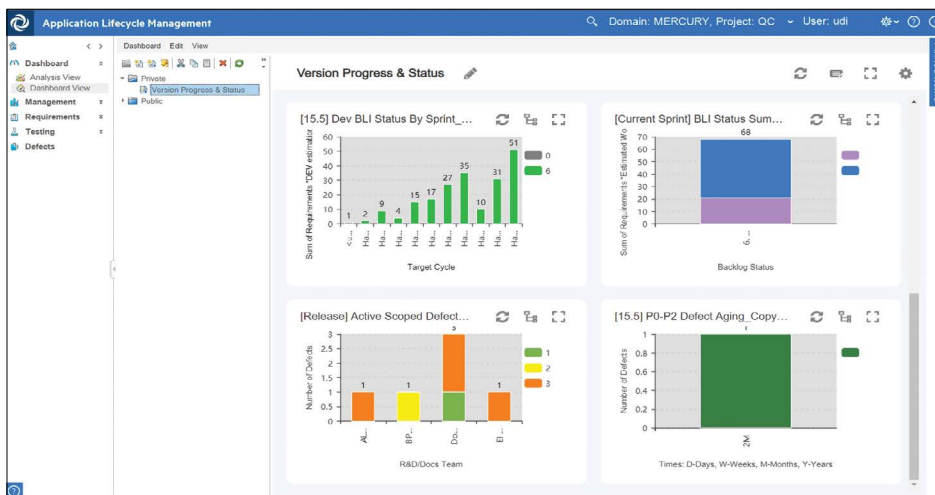
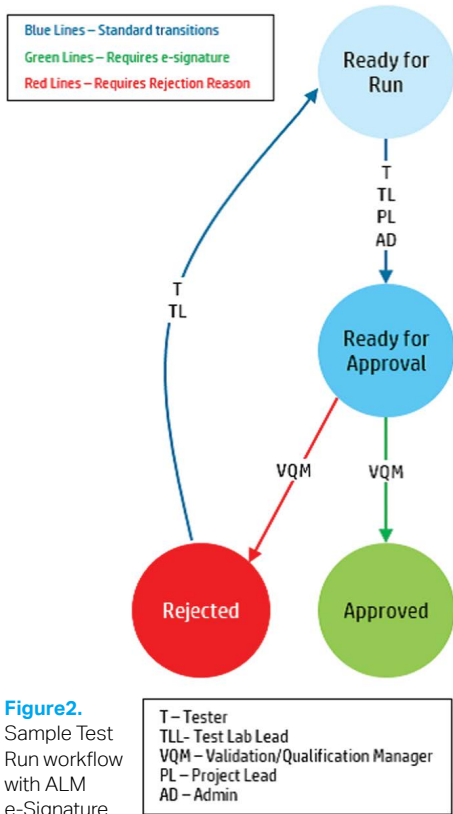


Figure 1. Micro Focus ALM/Quality Center provides end-to-end traceability and visibility for key stakeholders throughout the lifecycle



Insight across Projects

To gain full insight into all your application initiatives and make informed enterprise release decisions, you need a holistic view of your enterprise release with the ability to drill into individual projects. Micro Focus ALM/Quality Center provides cross-project reporting and pre-configured business views to easily create reports such as aggregated project status metrics, application quality metrics, requirements coverage, and defect trends for both an enterprise release and individual project view.

Through Micro Focus Connect, ALM/Quality Center integrates with most leading Enterprise Agile Planning, Requirement Management and Service Management tools. In an era of hybrid development methodology and complex sourcing, each team/project may be using a

different tool, and the integrations can aggregate data from all of them into ALM/Quality Center. With its advanced analytics features such as composite graphs and over-time graphs, users are able to correlate data and discover more.

Risk-Based Test Planning and Management

Fully testing each requirement is always a challenge due to limited resources. With risk-based test management, stakeholders can assign business risk to requirements, and calculate where to apply testing resources. ALM/Quality Center helps you test wisely by giving recommendations based on Business Criticality, Failure Probability and Functional Complexity.

Manage Changes

Version control is available for requirements, tests, and test assets to enable distributed teams to collaborate and manage multiple versions of assets in parallel while maintaining data integrity and providing audit history of changes through the project lifecycle. Baselining captures a group of requirements, tests, or test assets at strategic points in the project lifecycle to mark specific milestones. Baselines can be compared for change impact and to enable rollback.

Achieve Regulatory Compliance

ALM e-Signature is a controlled workflow with an electronic signature add-in for ALM/Quality Center. Based on Micro Focus's Open Test Architecture and Workflow APIs, it ensures that the use of ALM/Quality Center conforms with health and life science regulatory requirements and industry guidelines such as 21 CFR Part 11, GAMP5, SOX, and HIPAA. Embedded into ALM/Quality Center workflow, the solution is fast to implement and easy to maintain when there are system upgrades.

The Sarbanes-Oxley (SOX) IT Assessment Accelerator provides an ALM/Quality Center project template containing predefined requirements, tests, and test sets to assist you in validating SOX compliance. The ALM/Quality Center GDPR content pack makes it much easier to work with the GDPR: It automatically creates audit trail so you can validate and explain how you analyzed and implemented GDPR requirements in your organization.

Incorporate Agile and DevOps

IT teams are facing two fundamentally different business needs: the need to provide stable and reliable performance to address the daily business functioning, and the need for flexibility

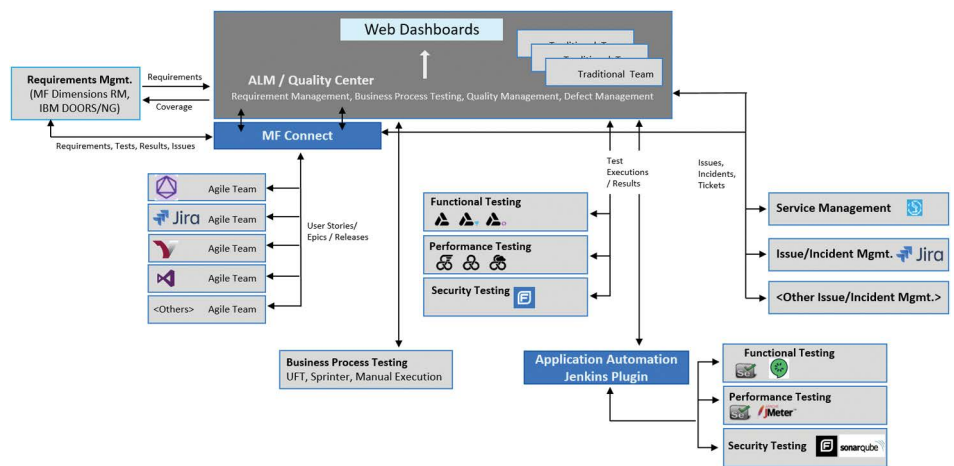


Figure 3. ALM/Quality Center Agile and DevOps integrations

and responsiveness to deliver innovation that drives new business outcome. For this reason, the majority of enterprises are utilizing a hybrid of methodologies and implementing DevOps which addresses both needs. ALM/Quality Center answers these with comprehensive integrations, while keeping your current investment relevant.

Bridge the Gap between Subject-Matter Experts and Quality Engineers

Micro Focus Business Process Testing (BPT) brings business analysts into the process of defining business-driven test cases and process flows and using them to increase the accuracy of tests. Using BPT, the test engineer is able to create reusable test components that map to business process use cases using both manual and automated methods and share them with distributed quality management teams.

The BPT Packaged Apps Kit makes your SAP application testing highly efficient.

Manage the Quality of “Things”

The physical and virtual worlds are becoming closer together, as more and more objects become connected to the internet, enhancing the end-user experience and providing greater insight into the decisions that support the modern business.

With the emerging industries of IoT, Micro Focus ALM/Quality Center is raising the bar again, by providing Quality of Things (QoT), a new test execution client, as a part of the Micro Focus ALM/Quality Center product.

QoT enables you to:

- Run manual tests online while connected to ALM/Quality Center or download tests for an offline execution
- Run manual tests offline on environments where network connectivity is limited and upload results when reconnected

- Submit defects to ALM/Quality Center during test runs
- Experience an intuitive and easy to use user interface
- Run tests on various Android and iOS mobile devices or Windows computers without the need to download the ALM/Quality Center client.

Gain Real-Time Insights into Development and Quality

Included in Micro Focus ALM, Application Lifecycle Intelligence (ALI) is an action-oriented decision support system for modern application delivery. ALI provides real-time insights into who is working on what, when, where, and why. It delivers this information at a granular level, from coding and testing to risk management, risk assessment, and aligning to requirements. ALI aids decision making, providing insights for managing resources efficiently and making sure project priorities align with release objectives and business expectations. ALI further extends traceability between requirements, tests, defects, code changes, and builds. And it delivers this five-way traceability in real time.

Key Features

- Application lifecycle management
- Release and cycle management, with KPI and Scorecard
- Requirements management (Business Process Models, Baselining, and Version Control)
- Risk-based test planning and management
- E-Signature solution
- Application Lifecycle Intelligence
- Automatic execution and result collection of UFT tests (UFT One, UFT Mobile and UFT Developer) and BPT tests
- Automatic execution and result collection of other automated tests such as Selenium, through the [Micro Focus Application Automation Tools \(a Jenkins plugin\)](#)

- Micro Focus Sprinter-integrated manual testing
- WebRunner—Web-based client with manual and automated test execution, defect management and dashboard view capabilities
- Client Launcher—Full-function Windows desktop client, installable without administrator privilege
- Business Process Testing
- Quality of Things—Offline/online test execution client on mobile devices
- Quality Analytics (Reports and dashboards, cross-project reporting)
- Defect management
- LDAP user authentication and SAML-based single sign-on (SSO)
- AutoPass License Server (APLS) integration
- Archiving wizard able to archive large amount of data for single or multiple projects
- Team collaboration using Microsoft Skype for Business

Micro Focus Application Lifecycle Management Consulting Services

Our services help you improve your software delivery to achieve better time to market and agility, reduce costs and improve overall efficiency, gain broader insight for IT and business decisions, and deliver enterprise-class quality, security, and user experiences. Visit <https://software.microfocus.com/en-us/services/alm-consulting-services> for more information.

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“ALM on SaaS is ideally suited to large-scale projects that manage the scope of testing a complex ERP implementation with multiple geographies, business functions, and a large volume of configuration requirements.”

MAARTEN LOR

Senior Manager

Accenture Amsterdam, Advanced Technology & Architecture—Test Services & Innovation

Contact us at:
www.microfocus.com

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Micro Focus ALM/Quality Center Editions

	QC Community	QC Express	QC Enterprise	ALM
Release & Cycle Management	X	X	X	X
KPI & Scorecard				X
Requirement Management			X	X
Risk-based Quality Management			X	X
Dashboard & Reporting	X	X	X	X
Cross-Project Reporting			X	X
Test Authoring & Execution	Partial	X	X	X
UFT Integration		X	X	X
Sprinter manual test		X	X	X
Business Process Testing			X	X
Lab Management				X
Defect Management	X	X	X	X
Application Lifecycle Intelligence				X
Quality of Things	X	X	X	X

Table 1. ALM/Quality Center Editions. For details, refer to the [ALM/Quality Center Editions and Offerings Comparison Chart](#).

System Requirements

[Online documentation](#)

Learn more at
www.microfocus.com/alm

“We can now see all the lifecycle links and relationships between demand and what is happening in the application and system sites. We never lose track of what happens with the code and the application.”

ONUR TEZEL

Head of Application Development
ICBC Turkey