

ALM/Quality Center

Micro Focus ALM/Quality Center serves as the single pane of glass to govern software quality and implement rigorous, auditable processes. Designed for complex multi-application environments, organizations can achieve high efficiency and measure quality with a requirements-driven and risk based testing approach.

What's New over the Last 2 Years

Security

SSO AUTHENTICATION

Standard SAML and OpenID based Single Sign-On (SSO) is supported. SSO access to ALM/Quality Center can be authorized in a federated environment. This enhances your ability in enterprise security and regulatory compliance.

API KEYS

API Key authentication is supported. It provides a secure authentication mechanism for external applications accessing ALM/Quality Center via either REST API or OTA API.

Clients and UI

ALM CLIENT LAUNCHER

Using the ALM Client Launcher tool, you can now run ALM Desktop Client without dependency on Microsoft IE browser and Active X technology. It can be deployed via a Windows Installer and greatly reduce administration overhead. The installer makes it easy for IT organizations to distribute ALM Client Launcher to all end-user environments. You can also install ALM Client Launcher from command line, enabling automatic deployment using scripts. Alternatively, your organization may let each individual user install it for himself without the need of administrator privilege.

ALM Client Launcher runs the ALM Desktop Client in place of Internet Explorer, preserving all functionality including Lab Management and Site Administration.

WEB RUNNER

Web Runner is a web-based client with a modern user interface and full QA functionalities including test authoring, execution of manual

and automated tests, defect management and viewing dashboards. It can be run in any browser/operating system of the end-user's choice. Web Runner UI provides fully-functional filtering to tests and defects. It is also configurable through its admin tab.

WEB-BASED SITE ADMINISTRATION

This web-based client enables site administrators to manage their ALM/Quality Center environment from any browser/operating system.

MY HOMEPAGE

The personalized My Homepage serves as the landing page to boost user productivity. It shows the user's open work items and most recent updates, as well as his personal dashboard.

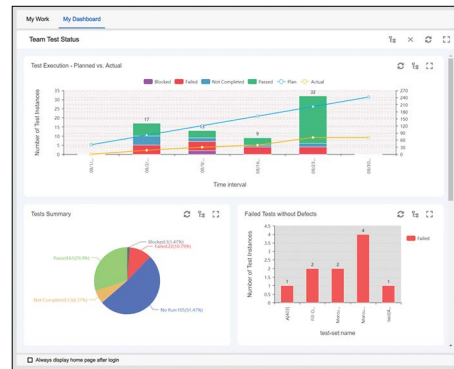


Figure 1. Personal dashboard in My Homepage

SHOW/HIDE PASSWORD

At ALM/Quality Center login screen, you can toggle show/hide password. It provides the convenience when you need to check whether you have entered the right password.

Vodafone Qatar

“Compared with other testing tools in the market, an upgrade from Quality Center to ALM/QC on SaaS satisfied all our requirements, came with excellent local support and offered a distinct cost benefit.”

SHINU THULASEDHARAN

Senior Test and Quality Manager

Cloud Support

We now support installing and running ALM/Quality Center in any cloud environment that meets the [system requirements](#).

Micro Focus has tested and certified the product on:

- AWS (including AWS GovCloud)
- Azure (including Azure Government)
- Google Cloud

Reporting

NEW ANALYTICS ENGINE

A new analytics engine with high speed and power is introduced. It lays the foundation for a variety of advanced data analytics.

A Quality Insight executive dashboard powered by the new engine is provided supporting KPI cards for monitoring the status against your testing goals. Stay tuned for more insights in future releases.

NEW GRAPH TYPES

Some new graph types are introduced, providing advanced insights into data. The **Composite Graph** correlates entities across multiple graphs, while **Trend Graph** shows progress and trend. **Cycle Time Graph** lets you analyze time elapsed end-to-end such as 'Time to resolution', to identify bottleneck or waste in your application delivery process. **Anomalies Graph** helps identify work that has been stuck for an extended amount of time to avoid delays.

The **Planned vs. Actual Graph** now has a new version that allows not only last run results, but also historical data in it. With that, you can use this type of graph in multiple ways, like tracking progress of test execution, analyze testing workload, or both.

Moreover, data filtering is now possible when creating a graph, and a new reporting system has been implemented, bringing a more modern and friendly appearance to all the graphs.

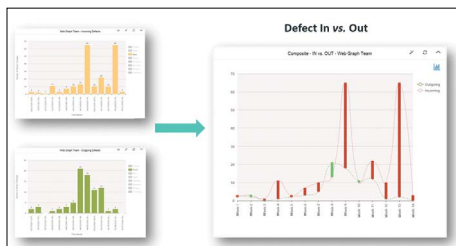


Figure 2. Composite Graph

HEALTH REPORTS

The health report provides an out-of-the-box set of key metrics that will help you gain visibility and control of your project's progress and health. The health report dashboard can be used as a template and deployed over multiple projects.

SHARING GRAPHS

The following features enable viewing graphs without logging into ALM/Quality Center.

- Business View graphs can now be shared via a URL.
- You can now share a graph by emailing it from the Analysis View. This can also be triggered by OTA API.

BUSINESS VIEWS MICROSOFT EXCEL

ADD-IN ENHANCEMENTS

- The add-in now connects to ALM/Quality Center using REST API and supports 64 bit systems.

Integrations

AGILE AND DEVOPS INTEGRATION

Introduced the test injection feature able to push the results of ALM/Quality Center managed tests, such as UFT and Business Process Tests, into ALM Octane. It helps hybrid-mode development teams consolidate all tests into a single point of truth.

Also introduced ALM Test Management plugin for Jira, allowing Jira users to continue planning and delivering their work items in Jira, with immediate visibility of the larger quality process managed in ALM/Quality Center. The plugin is available for both Jira Cloud and Jira Server.

COLLABORATION TOOL INTEGRATION

Introduced a brand-new integration with Microsoft Teams. Now project members will be informed about ALM events and reports directly in Teams allowing for real-time discussion between project members and stakeholders. Making remote collaboration fast and easy.

CORE REST API

ALM/Quality Center now has an officially supported full-function Core REST API, that covers most of the operations that can be done via the GUI. There'll be no longer a Technical Preview REST API.

OTA API AND SITE ADMIN COM API

You can now use OTA and Site Admin COM API with 64-bit applications.

Administration

AUDIT ENHANCEMENTS

Changes to workflow, and the IP address of any connected end-user can now be tracked in audit log. Moreover, the execution user of each test step can be captured and shown in the Run Details page. These enhancements help satisfy stringent audit needs in highly regulated industries.

SITE ADMINISTRATION REST API

You can use the REST API to access and work with data in Site Administration to automate your routine administration tasks.

Contact us at:
www.microfocus.com

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ARCHIVING WIZARD

An archiving wizard is introduced, which enables exporting/importing multiple projects in one operation.

AUTOPASS LICENSE SERVER INTEGRATION

The AutoPass License Server (APLS) helps you organize and manage ALM/Quality Center licenses, by providing better visibility and control over license consumption.

Business Process Testing (BPT)

BPT BRANCHING

Now you can add branches to your business process tests. BPT branches provide additional structure to your test to support complex and dynamic applications, which have non-linear functions and interfaces.

TRANSPOSE BUTTON

This option enables you to switch the data table to have parameter rows and iteration columns.

SKIP OPTION FOR DEBUG RUNS

You can now configure a debug test run to skip specific components to speed up the run time—focusing only on those components that need debugging.

Did You Know?

- Learn more about recent releases by reviewing the [ALM Documentation](#) online.
- Keep up to date on the latest news and events with the [Application Delivery Management Blog](#).