opentext™

ALM/Quality Center

OpenText 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 in Recent Releases

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. The SSO Configuration Wizard makes the setup easy for administrators.

Clients and UI

ALM CLIENT LAUNCHER

Using the ALM Client Launcher tool, you can now run all ALM Desktop Client functions 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.

WEB RUNNER

Web Runner is a web-based client with a modern user interface can be run in any browser/operation system of the end user's choice. You can use most of the ALM/Quality Center modules in Web Runner, including Dashboard, Requirements, Releases, Test Plan, Test Lab and Defects. Moreover, it allows you to implement customizable workflows using the javascript language. You can also create and view test coverage for requirements, or view requirement coverage for tests.

WEB-BASED SITE ADMINISTRATION

This web-based client enables site administrators to manage their ALM/Quality Center environment from any browser/operating system. It has become the default site administration UI, and the traditional desktop-based UI is obsolete.

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.
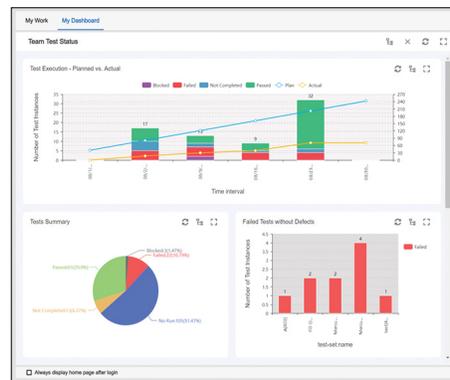

Figure 1. Personal dashboard in My Homepage

Cloud Support

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

OpenText has tested and certified the product on:

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

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 THULASEEDHARAN
Senior Test and Quality Manager

ALM/Quality Center SaaS now gives customers more capabilities to manage their instances by themselves through the **Customer Admin** role.

Reporting

QUALITY INSIGHT
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 requirements, test instances or defects across projects.. Stay tuned for more insights in future releases.

NEW AND ENHANCED 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. **Anomolies Graph** helps identify work that has been stuck for an extended amount of time to avoid delays. **Test Execution Treemap** gives an intuitive presentation of the testing status and size of each test set. You can instantly notice problematic areas and drill down to investigate why.

The **Planned vs. Actual Graph** now has a new version that allows not only last run results, but also historical data in it. It also provides more options to let you control the criteria for calculating the "planned" and "actual" lines. With that, you can use this type of graph in ways that meet your business needs.

The **Progress Graph** can now show a 'total' line which represents the sum of the individual categories in the graph, helping visualize the overall progress. You can toggle the 'total' line on/off as needed.

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.
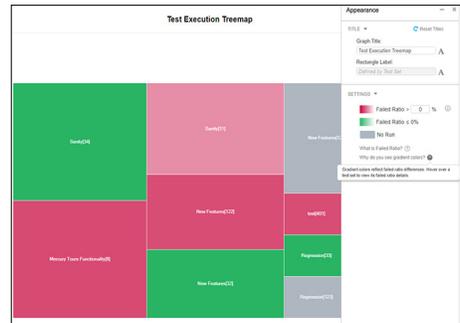

Figure 2. Test Execution Treemap

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.

TEST EXECUTION PREVIEW
This new type of project report shows your test instances and their related design steps and parameters, before actual execution. The preview helps you avoid unnecessary test failures.

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.

Similarly, an **ALM Test Management extension for Microsoft Azure DevOps** is released. It allows the development teams using Azure DevOps to immediately see the status of relevant tests conducted in ALM/Quality Center.

Through OpenText Connect Core and its connectors, ALM/Quality Center can map and synchronize entities with any of those 3rd-party or OpenText tools that have a connector, including Jira, Azure DevOps, ServiceNow and many others.

SAP SOLUTION MANAGER INTEGRATION
You can integrate ALM/Qualtiy Center with SAP Solution Manager (Solman) through OpenText Connect Core and the SAP Solution Manager Connector. This integration allows synchronizing an ALM requirement parent folder with a Solman BPH (Business Process Hierarchy) node, and ALM defects with Solman incidents, enabling SAP application teams to leverage both ALM and Solman to smoothly manage their development, testing and maintenance activities.

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.

Administration

AUDIT ENHANCEMENTS

Changes to workflow, and the IP address of any connected end-user can now be tracked in audit log. User login/logout time can also be logged. Moreover, the execution user of each test step can be captured and shown in the Run Details page. Changes to site parameters are now tracked as well. These enhancements help satisfy stringent audit needs in highly regulated industries.

Audit log filter has been introduced. It currently allows getting user management logs out of all the data. More filtering functions will be added in future releases.

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.

After the initial release, this API set has been enhanced. It now documents the API calls with a Swagger reference, It allows your administrators to directly manage some settings of ALM SaaS instances which used to rely on OpenText support staff. Some API calls are added, including one to generate an Admin Report that shows all details of your ALM instance in json or csv format, enabling further automatic processing by scripts. See details in the online API reference.

TEST EXECUTION AGENTS MONITORING

Yon can monitor Test Execution Agents status in Site Administration.

ALM ROBOT

An archiving wizard is introduced, which enables exporting/importing multiple projects in background at the same time. You can monitor the progress and status of import/export activities in Site Administration. Exports now need less temporary storage space..

Did You Know?

- Access all product resources from [ALM/Quality Center home page](#).
- 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](#).

Learn more at
www.microfocus.com/opentext