

DATA SHEET



QADIRECTOR

A framework for centralized test management.

Managing QA testing for a large IT organization involves many challenges, but the most basic one is to collect the information you need to control all aspects of a complex testing process. QA teams frequently lack visibility into what is being tested, the actual test results, the nature of the business requirements driving testing and the coverage of testing requirements created during the process.



To remove the guesswork and emotion from deciding when and whether an application is ready to roll out, QA needs a centralized means of collecting information and driving the testing process from business requirements. Without such a framework, you risk the inefficient use of testing assets, which are frequently lost after each test iteration, making each new project a complete restart. In addition, it becomes more difficult to coordinate QA resources across multiple projects, particularly with manual testing efforts that are ad hoc and difficult to track and control.

Micro Focus QADirector is a powerful test management solution that gives QA organizations a framework for managing the entire testing process—from design to execution to analysis. You know exactly what testing has been done and can track progress. The result: appropriate assignment of testing activities, improved efficiency and accuracy of deliverables, greater predictability, repeatability and better outcomes.

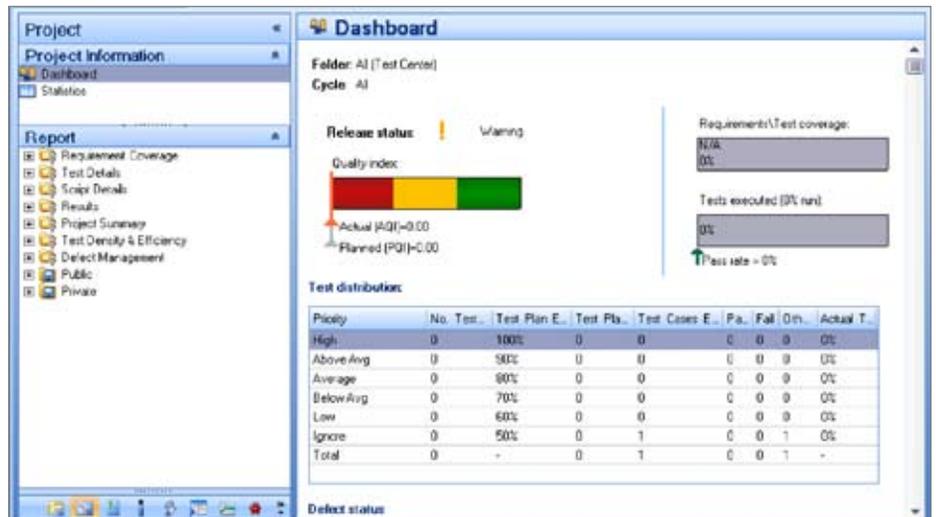
QADirector enables central management of testing assets such as scripts, test plans,

test results and test requirements, rather than using manual file-based approaches such as Microsoft Excel or Word, among others. QADirector provides your IT organization with:

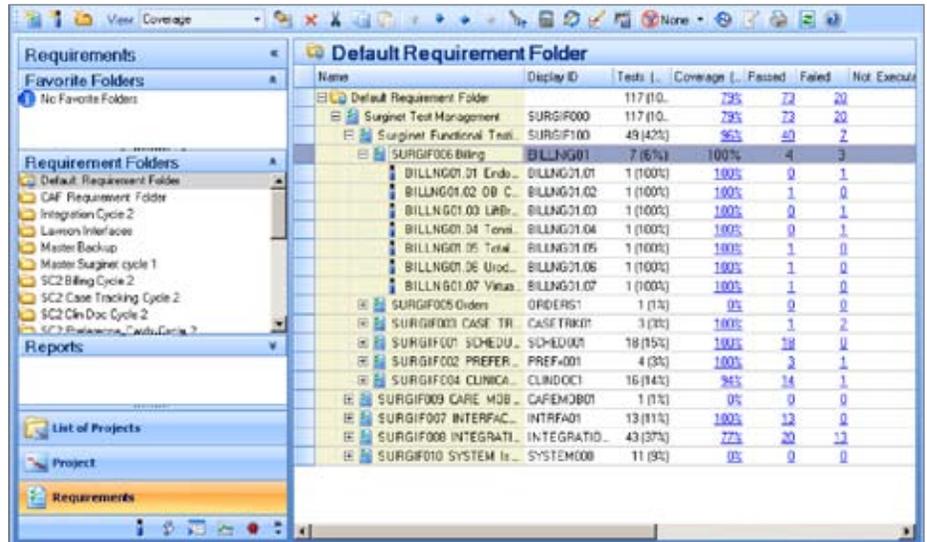
- *real-time testing status and visibility into testing results to answer common quality questions and address auditing challenges*
- *easy-to-use features to improve manual testing and the repeatability and accuracy of testing efforts*
- *the ability to improve quality processes using techniques such as risk-based or requirements-driven testing.*

Centralized test management

QADirector provides a framework for centralized management and execution of testing assets and activities. It enables the QA team to build a library of reusable test assets that can be leveraged for subsequent releases or versions of the application under test.



The Project Dashboard displays overall statistics information, including the release status, the actual and planned quality index, test coverage, the number of tests executed and the pass rate.



The Project Requirements Center displays an overview of the status, success and results of testing. Underlined data in the grid contains links to related information. For example, in the coverage (%) column, you can click on the data to display the test result summary dialog box.

To ensure that critical information is not lost, QADirector automatically tracks results of testing, providing historical auditing and testing status. This capability addresses some of the most critical problems for quality testing organizations:

- determining responsibility for the quality (or lack thereof) of an application, by demonstrating when and at what stage an application was tested for a particular defect
- meeting auditing requirements with evidence of what was tested, by whom, when and the results of the test.

QADirector provides the degree of flexibility required to allow you to structure and manage your testing assets in a logical manner that fits your organization. Additionally, project-level and role-based security and access control ensures users have the right access to the right assets.

And the product’s technical structure makes it both powerful and simple. QADirector has a scalable, load-balanced architecture for enterprise-wide deployment and usage, and a single smart-client interface that shortens the learning curve yet provides an information-rich, common user interface across the organization.

Requirements-driven testing

Integration with leading requirements management tools makes it possible for you to automatically generate test plans aligned with business requirements, save time and keep in sync with changing requirements. Requirements-driven testing ensures testing results can be communicated in business-meaningful terms and tracks testing coverage against requirements.



The Quality Optimizer is a planning tool to estimate time and risk coverage when adding or removing tests from execution plans.

Risk-based testing

Using QADirector, you can effectively prioritize testing activities, taking on the most important areas first in the limited time usually allotted, and basing your decisions on objective factors important to your organization. “What-if” scenarios can be played out to optimize time, risk and requirement coverage. Development, QA and the business as a whole can speak the same language and reach collective agreement on the scope and depth of testing efforts.

- Have all the requirements been tested?
- What tests have not been executed and what’s our exposure?
- How much more testing is there to do and how much time will it take?
- What is the status of all my testing projects?
- What are my testers working on?

Using a reporting framework with filter, sort and export capabilities, QADirector allows IT managers to build custom individual or team-based reports that help analyze and present the data in a way that makes sense to various testing roles.

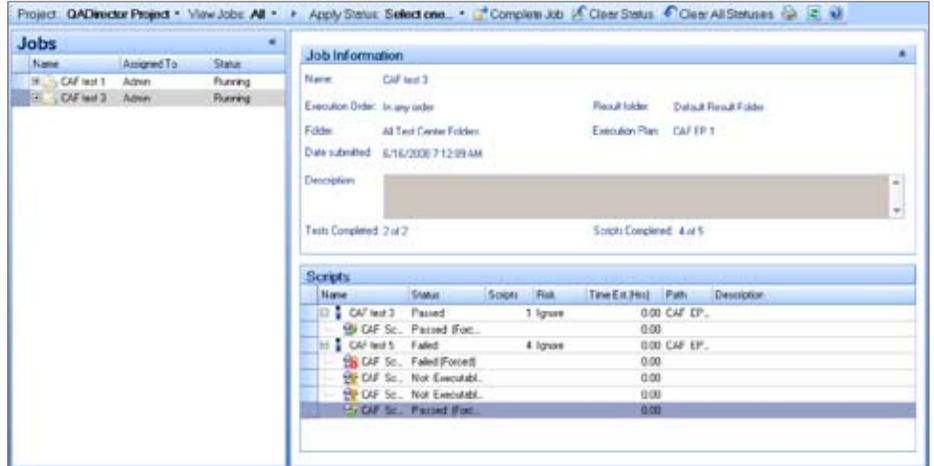
Extensive analysis capabilities

With thousands of assets, being run by multiple people and across various concurrent projects, a quality team needs to understand what is going on. QADirector provides cross-project quality insight that answers common quality questions, including:

- What is the quality of the application under test?

Support for manual testing activities

The QA organization can also benefit from QADirector’s extensive support for manual testing activities. This includes:



This dialog is used to execute manual tests. Test managers and team leads can use this dialog to assign jobs, while testers carry out the tests and record the results in the manual script execution dialog launched from here.

- a simple interface enabling the QA team to utilize any resource in the organization to assist in the execution of manual tests
- automated screen-capture capability for better auditing of test results, integrated with defect tracking to enable faster problem identification
- extensive capabilities for Word/Excel import, to leverage existing testing assets and jump-start centralized test management activities
- time-tracking capability to show where testing time is spent, identify candidates for automation and help plan use of resources and time for future testing activities.

Open platform

The open platform of QADirector enables integrations, using web-service APIs, with Micro Focus and third-party tools, including:

- defect tracking
- functional test automation
- load testing
- test data management.

This flexibility limits the impact on the current QA organization by supporting and automating the processes your testers already use.

To learn more about Micro Focus QADirector, visit: www.microfocus.com

About Micro Focus

Micro Focus, a member of the FTSE 250, provides innovative software that allows companies to dramatically improve the business value of their enterprise applications. Micro Focus Enterprise Application Modernization and Management software enables customers' business applications to respond rapidly to market changes and embrace modern architectures with reduced cost and risk.

For additional information please visit: www.microfocus.com

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