



Genilogix + HP

Genilogix QC Mobile lets you run your quality testing virtually anywhere through HP Quality Center—simply, quickly, and without a clipboard.

Solution brief

For quality control professionals, the process of collecting quality information is cumbersome. Wherever the testing may be performed—on a factory floor, in a data center, or in the field—chances are that the information is entered by hand onto a form attached to a clipboard. From there, it has to be entered into an application for statistical analysis. Mobile applications that address this problem are often designed for older platforms—and they feed data into closed proprietary systems.

Genilogix now has a better way to perform quality testing: Genilogix QC Mobile. It is a simple, paperless way for quality professionals to run tests and track defects using their Apple iPhones, iPads, and/or iPod Touch mobile devices. Genilogix QC Mobile integrates with HP Quality Center, a market-leading quality-management tool. Simply put: you can increase efficiency, accuracy, and productivity merely by replacing your clipboard with an application that runs on a handheld device.



HP Quality Center addresses the wide-ranging challenges that QA professionals face

At the core of Genilogix QC Mobile is HP Quality Center, an industry-leading requirements management, test management, and defects management product. HP Quality Center offers a single, Web-based application that supports all essential aspects of quality management. It provides a consistent, repeatable process for gathering requirements, planning and scheduling tests, analyzing results, and managing defects and issues.

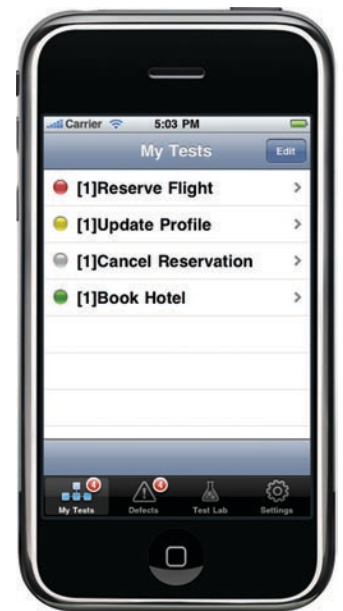
With a single repository for quality assets, HP Quality Center can enable multi-dimensional traceability between requirements, tests, and defects—and across releases and test cycles. And when requirements change, a change impact report provides visibility into the requirements, tests, and defects affected, enables automatic email notification to all impacted stakeholders, and avoids a full regression test after each change.

Genilogix QC Mobile test execution and defect management results uploaded and added to HP Quality Center reporting and dashboard



HP Quality Center also provides an integrated dashboard and reporting module that centralizes quality reporting and allows you to make real-time decisions based on the status of application quality, test coverage, and requirements coverage. You can also export a report source into Microsoft® Excel and allow your users to perform as much data manipulation as needed.

Connecting Genilogix QC Mobile to HP Quality Center extends the functionality, workflow, and customized test execution capabilities to a mobile environment. As such, it is ideal for the manufacturing, consumer packaged goods, construction, healthcare, and life sciences industries.



Execution status view for the tests downloaded to the mobile device

Freedom comes in a small package

Genilogix QC Mobile gives you the freedom to go anywhere while conducting tests and tracking defects. The only hardware you need comes in the form of an Apple iPhone, iPad, or iPod Touch (with 3.1 firmware or better).

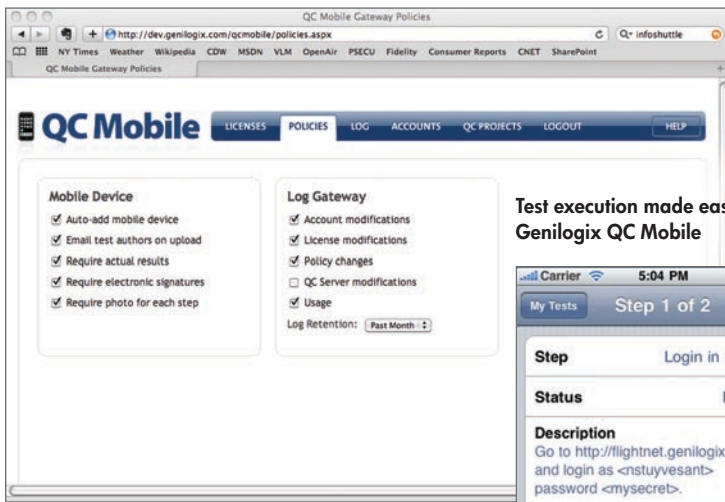
Genilogix QC Mobile is also camera-enabled, a significant advantage when you need to document your findings with photographs. You simply use the camera built into your handheld device. The image is uploaded to HP Quality Center as part of your test results.¹

Plus, Genilogix QC Mobile works off-network to give you the greatest possible freedom. Genilogix QC Mobile downloads your selected tests and test-execution flow to your handheld device with capabilities to conduct tests or manage defects—even if you are not connected to a Wi-Fi or 3G network.²

Critically important for quality assurance professionals, Genilogix Mobile QC connects to HP Quality Center 10.00, which is indispensable for addressing a wide range of testing challenges because of its consistent, repeatable, and standardized software processes.

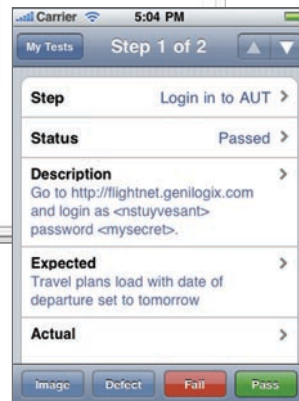
¹ To upload information from the mobile device, the user simply connects to a Wi-Fi or 3G connection that has access to the HP Quality Center server. The user selects the tests within Genilogix QC Mobile to upload. During the upload process, defects created both during a test run and on the fly are uploaded with the test results.

² Genilogix QC Mobile can be implemented and deployed in a few hours once the Genilogix QC Mobile gateway that is used for license registration and verification is installed and the client is enabled to allow access to HP Quality Center. An initial service engagement of 40 to 80 hours is recommended, depending on the number of Genilogix QC Mobile licenses/devices, the amount of HP Quality Center custom workflow coding, and end-user training.

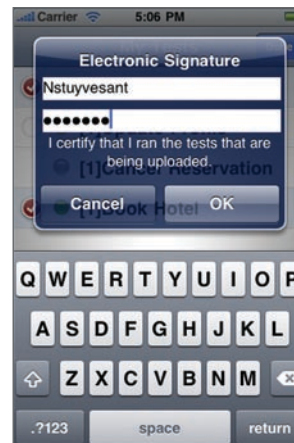


Configuration and management of Genilogix QC Mobile made easy with a standard user interface

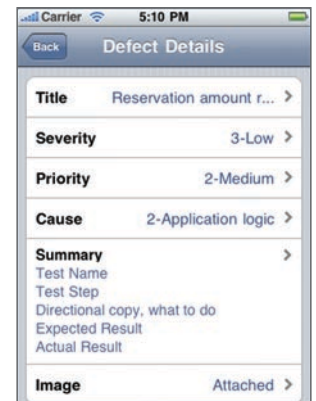
Test execution made easy with Genilogix QC Mobile



Electronic signatures to meet regulatory compliance



Viewing defect details with Genilogix QC Mobile



Testing on the go with Genilogix QC Mobile

Connecting with Genilogix QC Mobile is nearly as simple as making a phone call. Yet your security is protected by virtue of a sequence of automatic authentications.

Your handheld connects to a mobile gateway for license and project validation. Genilogix then authenticates each device based on username and password. Finally, Genilogix QC Mobile connects only to the projects the user has been assigned to in HP Quality Center.

Once your connection is completed, Genilogix QC Mobile lights up your screen with a list of manual tests that have been downloaded to your device and made available from HP Quality Center.

Genilogix QC Mobile will show the status of color-coded tests and give you the ability to connect to HP Quality Center for additional test plan downloads, defects, and settings.

Testing with Genilogix QC Mobile

To keep the user experience consistent, Genilogix QC Mobile incorporates the standard language and process flow of HP Quality Center. You can use HP Quality Center to develop and trace requirements, develop manual test plans, and manage defects. Genilogix QC Mobile is enabled to download manual tests that can be executed whenever or wherever needed.

As testing progresses, Genilogix QC Mobile provides all the information you need to understand, execute, and report on each step in the testing process. You will get Actual Result, Pass/Fail, and Image information stored for upload to the HP Quality Center server.

Defect management with Genilogix QC Mobile is virtually identical to the screens and processes you are now using on your desktop or notebook computer. The only difference is that the information and the commands are all on your handheld device.

Genilogix QC Mobile also supports the use of electronic signatures for test results, enabling it to meet regulatory requirements when used in combination with Genilogix QC eApprove. Integration of Genilogix QC Mobile with Genilogix QC eApprove allows tests to be signed electronically before being uploaded to HP Quality Center.

The result is that you can run tests and track defects from virtually anywhere. And when you're finished, you just need to upload the test results and defects back to HP Quality Center. Genilogix QC Mobile then can go back in your pocket, ready for the next test.

About HP

HP Quality Center is a component of the HP Application Lifecycle Management (ALM) portfolio. HP ALM solutions help your IT organization make the most of application modernization trends, from technology and staffing to application architectures and release strategies. ALM from HP is an integrated suite of leading solutions that enable your IT leaders to answer the key questions business stakeholders have regarding application modernization.

HP ALM solutions can help your organization reduce costs, mitigate risks, and accelerate time to market. You can be confident of investing in the right application projects, establishing processes to govern change, and capturing business requirements properly. Ultimately we help you ensure that your applications function as intended, are secure, and can perform and scale under load. By taking advantage of our software solutions and key partnerships with leading vendors like Genilogix, your organization can respond to the demands of application modernization.

About Genilogix QC eApprove

Genilogix QC eApprove provides controlled workflow and electronic signatures required to enable the use of HP Quality Center in regulated environments and allow compliance with 21 CFR Part 11. Genilogix developed Genilogix QC eApprove through core functionality found in HP Quality Center to assure that your implementation will survive as HP Quality Center evolves. With Genilogix QC eApprove, your organization can provide electronic signatures to approve requirements, tests, test sets, runs, and defects. The related workflow can be configured to match your process. This functionality is optional with Genilogix QC Mobile.

About Genilogix

Genilogix is an established technology company that optimizes quality, performance, and availability in business applications. As an HP Platinum Business Partner, Genilogix provides a range of products and services to help customers better leverage the benefits of the HP business technology optimization (BTO) product line. Together, Genilogix and HP offer innovative products and services that bring quality management together with automated testing, test management, and performance monitoring. Certified product integrations such as Genilogix QC eApprove, Genilogix QC Mobile, and Genilogix QC vLab distinguish Genilogix as a unique value-added reseller. Genilogix also offers HP-certified training and HP-authorized support for the BTO product line. HP overall and HP Enterprise Services in particular leverage Genilogix as a global subcontractor.

To learn more

For more information about HP Quality Center or Genilogix QC Mobile, contact your HP or Genilogix sales representative, or visit:

- www.hp.com/go/qualitycenter
- www.genilogix.com/mobile
- www.genilogix.com/eapprove

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