



Deploy Higher-Quality Applications in Less Time with Secure, Comprehensive Testing

How can you ensure that your mission-critical applications perform well and comply with government regulations in the face of evolving technology, limited understanding of test parameters, and understaffed testing and development teams? The answer is simple when you test with Oracle's application-quality management solutions.

Organizations are getting ahead in today's competitive environment by turning to the internet to improve business agility, reduce costs for the delivery of goods and services, and reach more customers. However, the internet business paradigm can create new and complex challenges.

An inability to deliver a consistent, high-quality experience can put customer loyalty at risk and threaten revenue opportunities. Fixing performance issues before going live is resource-intensive and may result in time-to-market delays, but it's still much less expensive than solving the same problems in a live production system. You need a solution that lets you deploy higher-quality applications with less cost and effort.

Oracle's application-quality management solutions thoroughly test your packaged, Web-based, and service-oriented architecture (SOA)-based applications to ensure the quality, scalability, and availability of the applications and their underlying infrastructure.

The solutions consist of three distinct offerings.

- Oracle Application Testing Suite (includes Oracle Test Manager, Oracle Functional Testing, and Oracle Load Testing)
- Oracle Real Application Testing
- Oracle Data Masking Pack

Together these solutions enable you to manage your entire quality assurance (QA) process, including defining test requirements, executing automated and manual test cases, and tracking subsequent defects.

Simplify Test Process Management

Managing QA and testing programs for applications is more challenging than ever. Applications and their environments continue to grow more complex, making it increasingly difficult to understand the requirements for successful testing. Oracle Test Manager includes a flexible, easy-to-use process management solution on which you can build and organize your entire testing program.

QUALITY APPLICATION TESTING FROM ORACLE

The following offerings comprise Oracle's application-quality management solutions:

- Oracle Application Testing Suite
- Oracle Real Application Testing
- Oracle Data Masking Pack

The following products make up Oracle Application Testing Suite:

- Oracle Test Manager
- Oracle Functional Testing
- Oracle Load Testing

FACT: Oracle Application Testing Suite can help you reduce testing times by as much as 50 percent.



"Oracle Real Application Testing provides a unique tool that enables us to significantly improve our speed in rolling out technology, and reduces our costs associated with critical testing."

Erzsébet Szirjáné Birkás, **Expert of System Programming, MOL Hungarian Oil and Gas Company (MOL Group)**

You can define testing requirements, specify and execute manual and automated tests to validate those requirements, and manage the defects that the tests uncover. Coordinating your entire QA program on a single, unified platform lets you manage quality as a process throughout the lifespan of your applications.

Ensure Functional Reliability

Properly functioning applications enhance the end-user experience and increase customer loyalty. The quickest way to ensure the functional reliability of your applications is through functional and regression testing.

Oracle Functional Testing tests the functional reliability of today's cutting-edge .NET and J2EE Web applications, as well as Oracle packaged applications. By simplifying and automating functional and regression testing, you can streamline the scripting process and build test cases without manual checkpoints, saving your organization time and money.

Maximize Application Performance

Organizations doing business over the internet know that the costs associated with poor application performance can be staggering—especially during peak business volumes. To ensure that your applications are performing at their best, you need to analyze your applications and their infrastructure under extreme stress and then fine-tune them both for optimal performance before you go live. Oracle

Load Testing lets you easily and accurately test the load performance and scalability of your Web-based software and services. You can execute real business transactions while simulating hundreds of thousands of concurrent users to analyze performance under an extreme load. You can also monitor your back-end application infrastructure during load tests and identify—at the source—the hard-to-find performance bottlenecks that cause application slowdowns.

Protect Sensitive Enterprise Data

Information leaks are responsible for a growing number of identity theft and fraud incidents every year. Whether or not your organization does business over the internet, it is imperative that you safeguard production data and prevent leaks of sensitive or confidential information.

Oracle Data Masking Pack helps organizations comply with privacy and confidentiality laws during the entire QA process. The solution uses masking rules to replace sensitive data in the database with scrubbed, realistic-looking data, letting your QA staff use real data and authentic application and database scenarios in their testing processes. By helping the QA staff maintain the integrity of your applications and mask confidential data in development, test, and staging environments, you can decrease the costs and risks associated with deploying higher-quality products, applications, and services.

Deploy Databases with Confidence

Hardware and software upgrades are essential for maintaining a competitive edge and complying with changing security and privacy laws. Even though system changes are designed to have a positive business impact, they can also lead to unexpected and undesirable behaviors and performance.

Oracle Real Application Testing lets you safely and rapidly adopt new database and infrastructure technologies by reducing the testing effort and the time required to ensure the robustness and quality of applications. Oracle Real Application Testing has the unique ability to record real-world database workloads and replay them in test environments while maintaining the characteristics of the production workloads. This enables you to identify and fix performance issues and minimize undesirable results such as service outages and performance degradations.

Realize Faster Returns on Investment

Oracle's application-quality management solutions maximize the efficiency of your testing, QA, and operations teams by helping them

- Plan testing processes
- Execute rigorous functional and performance tests
- Report on application readiness in real-world deployment schedules

CONTACT US

To learn more, call +1.800.ORACLE1 to speak to an Oracle representative or visit oracle.com/goto/application-quality. Outside North America, visit oracle.com/corporate/contact/global.html to find the phone number for your local Oracle office.



Oracle is committed to developing practices and products that help protect the environment

ORACLE®