

## BUSINESS CHALLENGE

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.

## PRODUCT OVERVIEW

SilkCentral® Test Manager™ (SCTM) is the leading solution for shops that undertake both Agile and Traditional projects. SCTM provides a unified framework for managing manual, functional, and automated performance activities, by providing visibility into the effectiveness of testing activities across distributed projects. SCTM protects existing investments by embracing existing unit, functional and performance test suites - with no rip and replace. SilkCentral can aggregate existing test results, whether they are perl scripts, batch files or from a home-grown testing tool, and provide consolidated project metrics across the SDLC.

## KEY BENEFITS

SilkCentral Test Manager provides the following benefits:

- Allows existing test assets to be managed under a unified test management framework
- Eliminates re-work associated with project changes and exploits test asset reuse across the team
- Integrates and aggregates test results from existing test frameworks and tools
- Provides a single investment that will sustain a quality program across all projects and teams
- Increases efficiency and reduces costs through native support of VMware® Lab Manager™
- Enables live, quality monitoring of Agile and Traditional project activities for co-located and globally distributed teams
- Improves manual testing with a simple, scalable Manual Test Client that guides testers through the process and assures consistent, repeatable data collection and reporting
- Delivers advanced reporting, including project status, requirements and test coverage, quality trends, milestones, test type and defect trends

## DETAILED FEATURE OVERVIEW

### REAL-TIME QUALITY MONITORING OF ALL TESTING ACTIVITIES

SilkCentral Test Manager provides visibility of all testing activities, whether teams are co-located or distributed across the globe. All testing activities are monitored real-time, which provides transparency across the organization and fosters live collaboration for cross project activities.

### POWERFUL LAB MANAGEMENT FOR THE ENTERPRISE

SilkCentral Test Manager's Dynamic Hardware Provisioning (DHP) technology makes it easier for large, distributed organizations to manage their test environments which can

span multiple platforms and configurations. Test Manager's DHP automatically selects the necessary test servers with the appropriate configuration (e.g. installed client software, operating system, CPU/memory) from an agent cluster for test execution. SilkCentral Test Manager leverages VMware Lab Manager for multi-configuration and cross-platform testing. With this native integration, customers can easily create lab environments for various stakeholders while reducing costs and improving uptime.

SilkCentral also provides load test resource management to simplify the management of performance testing enterprise applications. Through its integration with SilkPerformer® - Micro Focus's performance, load, and stress testing solution - SCTM can dynamically assign should read SilkPerformer® workloads to available load test agents.

With Load Test Resource Management, your organization will benefit from:

- Rapid turnaround on load/performance tests execution (more testing in less time)
- Simplified, managed control of performance test environments
- Efficient management of virtual users pools across multiple projects and teams

### AGILE TEST MANAGEMENT

SilkCentral Test Manager is optimized specifically for the testing of both Agile and Traditional projects. Silk addresses the needs of Agile testing by increasing the speed of test execution and team collaboration on quality assurance activities. Also, SilkCentral has a deep integration with VersionOne® and Rally®, the leaders in Agile project management. The integration with Test Manager extends its user-story management capabilities with a powerful testing component that brings both test result and status information to Rally and VersionOne.

### QUALITY METRICS FOR SOFTWARE DELIVERY

SilkCentral Test Manager ensures that your organization will release high quality, multi-platform applications with confidence through:

- Custom dashboards and reports with cross project, quality metrics that allow management to make informed, go/no-go decisions
- Context Sensitive Reports based on Current "In Flight" User Activities - dynamically generate "one-click" reports specific to requirements, test plans, and test plan execution
- Micro Focus's code coverage technology links tests with code they actually touch, enabling better choices on what to test and revolutionizing the decision process for tests to modify due to code changes
- Trending and analysis data to track the progress of all quality initiatives across multiple teams, technologies, and platforms across a global computing environment

# Borland® SilkCentral® Test Manager™

## PRODUCT SPECIFICATIONS AND SYSTEM REQUIREMENTS

### SUPPORTED ENVIRONMENTS

#### Operating System

- Windows XP™ with Service Pack 2
- Windows XP 64bit with Service Pack 1 (execution server only)
- Windows Server 2003 with Service Pack 2
- Windows Server 2008 32 bit
- Windows Vista® Ultimate 32-Bit (execution server only)
- Localized versions of Windows 2000 and Windows XP (Simplified Chinese)

#### Linux Operating System (Execution Server Only)

- Ubuntu® 8.10
- Ubuntu 8 server
- Red Hat® Enterprise Linux™ 5
- Debian® 4 Etch 4.1.2-23 S
- Suse® Linux® 9.1

#### Database

- Microsoft SQLServer® 2005 with Service Pack 3
- Microsoft SQLServer® 2008
- Oracle® 9i (9.2.0.8)
- Oracle® 10g (10.2.0.4)

#### Browser

- Internet Explorer 7.x
- Internet Explorer 8.x
- Firefox® 3.x

#### Web server

- IIS 6
- IIS 7
- Micro Focus standalone Web server (Tomcat)

Borland is the leading vendor of Open Application Lifecycle Management (ALM) solutions - open to customers' processes, tools and platforms - providing the flexibility to manage, measure and improve the software delivery process.



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