



## Releasing an Investment Management Reporting Application

As a changing regulatory climate emerges, IT testing efforts have become more complicated, requiring additional testing scenarios for transactional systems to ensure that Sarbanes-Oxley, BASEL II, Anti-Money Laundering, and other requirements meet compliance standards. Leveraging reference test architectures, test tools, and test environment management strategies, the EMC Consulting quality management framework accelerates test execution while supporting more efficient defect reporting and resolution.

### Challenge

One of the key success factors for firms in the financial services arena is the provision of accurate, timely information to their network of financial advisors and their direct customers. As technology evolves and customer expectations rise, firms are expected to deliver increasing functionality in Web-based applications without risking the integrity of the information being presented.

One major financial services firm chose to leverage an existing Web application to provide its financial advisers and high net-worth customers an advanced set of portfolio management reporting capabilities. The financial reporting required that extensive testing be performed to ensure balance, position, and performance information was reflected accurately in the client-facing reports. Additionally, a comprehensive regression test was needed to ensure the Web application's existing functionality was not compromised. The firm engaged EMC® Consulting to tap into the broad industry and technology expertise they needed to complete the project.

### Solution

Because the EMC consultants were well versed in private banking and asset management, they were able to decompose the process, business rules, and data requirements for the new reporting functionality and effectively define and prioritize test requirements.

### EMC Test Planning

- Developed a testing approach that provided traceability throughout the process
- Prioritized test requirements
- Comprehensive coverage reporting ensured the appropriate level of testing and identified candidate tests for automation
- Verified new functionality
- Automated regression tests for future releases using Mercury's WinRunner
- Established a central repository of automated and manual tests that could be leveraged for testing of future releases

### Results

EMC consultants enabled the customer to successfully release the new Web-based functionality. The firm adopted the quality management methods, procedures, and standards, defined and implemented by EMC for future releases.

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### Take the next step

For more information, contact your local EMC representative, call us at 1-866-464-7381, or visit our website at [www.EMC.com/consulting](http://www.EMC.com/consulting).