

Capgemini Group TMap[®] Accelerator for HP Quality Center

Solution Brief

Performance driven. Quality assured.



Reducing business risk with software testing

In today's challenging business climate, organizations like yours increasingly rely on launching new technologies and applications to introduce incremental revenue streams or gain operational efficiencies. Therefore, it is imperative to extract the highest possible business value from the software you develop and deploy.

Rapid software delivery and consistent quality are becoming more important than ever, and the risks associated with inadequate quality even greater. To facilitate faster development and time to market, you need robust underlying testing processes, supported by integrated tools that are highly effective, streamlined, and reliable.

In addition, organizations are realizing the importance of establishing robust and structured quality control measures and are investing in software testing tools to achieve the best possible software quality. This is propelling the growth of specialist software testing services, making it one of the fastest-growing segments in the IT services market, according to industry analysts.

An efficient testing strategy—an asset to your business.

Are you looking to reduce the risk of application or system failure and make sure your systems operate seamlessly and consistently to meet the expectations of both business users and customers? If so, you need to overcome software testing challenges that typically include unstructured processes, regulatory compliance, high costs, changing business requirements, time-to-market pressures, and high defect leakage.

Knowing that inadequate software testing can put your business at risk, you need a solution that can help you:

- Meet highly demanding business requirements, particularly with fewer resources
- Streamline your testing process and maintain control over various components of the software development lifecycle

- Keep software defects and related costs to a minimum
- Control production schedules to meet predetermined time-to-market timelines.

Capgemini Group's testing practice, which combines the skills and expertise of market leaders Sogeti and Capgemini, brings you an accelerated solution that can help you achieve these goals. The TMap® Accelerator for HP Quality Center is a specially developed plug-in that combines the TMap NEXT® structured test methodology from the Capgemini Group with HP Quality Center, the market-leading quality management platform.

Structured testing you can rely on

Best-in-breed test processes, integrated with the leading Quality management tool, increase the effectiveness of testing delivery.

TMap NEXT® is a proven method for structured testing, based on intensive Capgemini Group research and user experience. It provides a complete and consistent, yet flexible, approach that is suitable for a wide variety of organizations and industries. TMap NEXT® has been selected as the standard testing approach by many leading companies and institutions in Europe, North America, and Asia.

TMap NEXT®, offered by the Capgemini Group, provides a complete tool box for setting up and executing tests, including detailed and logical instruction to testers, helping you deliver more complex, high-quality software faster, so your organization saves both time and money.

Essentially, the TMap NEXT® approach of structured testing offered by the Capgemini Group provides:

- **A business-driven test management** approach to help you formulate assignment and test goals, determine the risk class and testing for each combination of characteristic and object parts, estimate and plan test execution, and allocate the most appropriate test design techniques. It also provides you with improved insight into the test processes and test objects, throughout the test execution process

- **A structured test process** that offers a full description of all aspects of the total test process lifecycle, comprising seven stages, from planning to completion
- **A complete tool box** that comprises an extensive set of checklists and guidelines for setting up and executing test activities, including techniques, templates, and examples
- **An adaptive test methodology** that can be applied in all test situations and in combination with any system development methodology

Combining the advantages of the Capgemini Group's TMap NEXT® methodology synchronized with HP Quality Center as a new Accelerator can help you realize the following benefits:

- Broad insight into the risks associated with software quality
- Transparent test management process, which is manageable in terms of time, cost, and quality
- Comprehensive overview of any defects that occur and the implications for the test goals and thus business objectives
- Shorter and more effective testing period within the total software development lifecycle.

Measure the benefits

Leveraging the Capgemini Group's TMap® Accelerator for HP Quality Center can give your business a more competitive edge with:

- A more structured approach that makes the most of your investment in test tools
- Quick startup and efficiencies that can reduce overall time to market
- Standardization of reliable and repeatable best-practice test processes that can reduce the overall test effort
- Reduced total cost of testing
- Measurable improvement in quality and greater precision
- Greater transparency of your testing processes and procedures, for reduced business and technical risks.

Achieving faster and better business outcomes

The Accelerator brings together Capgemini Group's TMap NEXT® deliverables and HP Quality Center modules to help you test and manage defects efficiently. The process works as follows:

- First, the Accelerator helps you define a business-driven test strategy (test goals, application/business risks, and test measures), leveraging a step-by-step guide
- The test strategy data can then be automatically imported into HP Quality Center, allowing you to connect test cases and defects to your test goals
- The Accelerator can now help set up a basic workflow for an effective structured test process, which includes:
 - Providing basic reports to consistently provide transparent insight into status and quality, related to the test strategy
 - Structuring the test process to help achieve some of the highest and most productive standards available
- Finally, you can expect to manage and execute an efficient test process. By leveraging consistent, repeatable, and standardized software quality processes within HP Quality Center, your quality assurance teams can turn quality into a competitive advantage.

Teaming up for your success

By choosing the TMap® Accelerator for HP Quality Center, you benefit from the experience of two expert technology and consulting companies:

HP is the world's largest technology company serving more than one billion customers, with people working in 170 countries. The company's background in quality assurance, combined with market-leading software tools and deep testing expertise, enables HP to deliver end-to-end testing services and solutions.

HP Quality Center is designed to address the wide-ranging challenges that your quality assurance professionals face. By leveraging consistent, repeatable, and standardized software quality processes, it helps your quality assurance teams turn quality into a competitive advantage.

Capgemini Group has created one of the largest dedicated testing practices in the industry by combining the assets and expertise of both the Capgemini and Sogeti companies to deliver best-in-class testing solutions, proven methodology, and industry thought leadership.

HP and the Capgemini Group work together with you to make the most of your technology investments and help you achieve increased business agility in this rapidly changing world. We use a proven relationship model to help you construct a clear-cut path of where you need to be and how to get there. We have partnered for nearly 20 years to deliver robust solutions for clients large and small, and we can do it for you. The TMap® Accelerator for HP Quality Center is just one example of this collaborative approach.

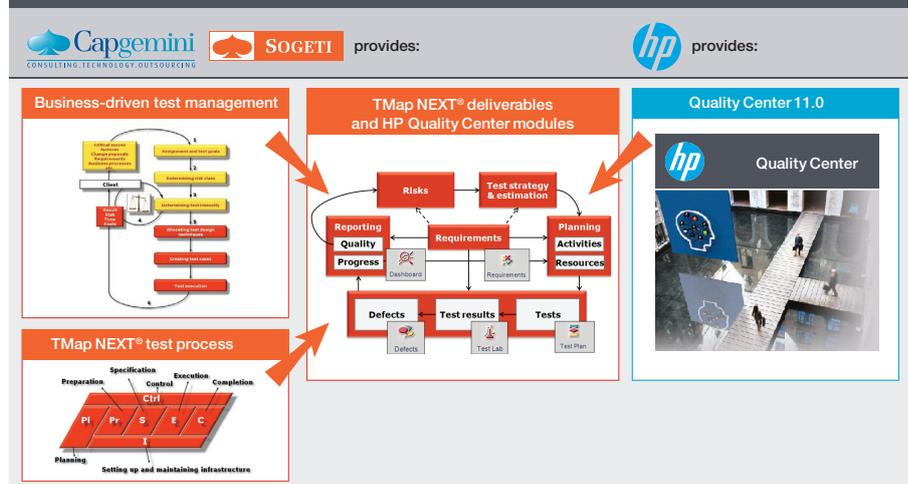
Start applying a more resilient test process

Make sure your testing activities are completed proficiently and successfully by selecting an experienced testing partner with proven industry expertise and structured processes that apply best practices consistently. HP and the Capgemini Group are a winning combination to help you increase your testing efficiency, speed, and consistency.

We offer the following choices to help you better understand how you can achieve faster, more efficient business value with the Capgemini Group's TMap® Accelerator for HP Quality Center:

- TMap® Accelerator for HP Quality Center presentation
- TMap® Accelerator for HP Quality Center demo
- HP Quality Center demo
- A Quick Scan of your existing test process using TPI®/QualityBlueprint®, the Capgemini Group's test process assessment and improvement methodology
- A brief consultancy service to implement the TMap® Accelerator for HP Quality Center into your existing test process.

Figure 1: The application and integration process of the TMap® Accelerator for HP Quality Center



About HP

HP creates new possibilities for technology to have a meaningful impact on people, businesses, governments and society. The world's largest technology company, HP brings together a portfolio that spans printing, personal computing, software, services and IT infrastructure to solve customer problems.

More information about HP (NYSE: HPQ) is available at www.hp.com

Contact

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About Capgemini and Sogeti

With almost 140,000 people in over 40 countries, Capgemini is one of the world's foremost providers of consulting, technology and outsourcing services. The Group reported 2013 global revenues of EUR 10.1 billion. Together with its clients, Capgemini creates and delivers business and technology solutions that fit their needs and drive the results they want. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™, and draws on Rightshore®, its worldwide delivery model.

Sogeti is a leading provider of technology and software testing, specializing in Application, Infrastructure and Engineering Services. Sogeti offers cutting-edge solutions around Testing, Business Intelligence & Analytics, Mobile, Cloud and Cyber Security. Sogeti brings together more than 20,000 professionals in 15 countries and has a strong local presence in over 100 locations in Europe, USA and India. Sogeti is a wholly-owned subsidiary of Cap Gemini S.A., listed on the Paris Stock Exchange.

Together Capgemini and Sogeti have developed innovative, business-driven quality assurance (QA) and Testing services, combining best-in-class testing methodologies (TMap® and TPI®) to help organizations achieve their testing and QA goals. The Capgemini Group has created one of the largest dedicated testing practices in the world, with over 12,300 test professionals and a further 14,500 application specialists with Testing experience, notably through a common centers of excellence with testing specialists developed in India and elsewhere.

For more information, please visit:

www.capgemini.com/testing or
www.sogeti.com/testing