

# Business-driven Testing solutions for Oracle Application environments

Integrating Capgemini Group's TMap® with Oracle  
Application Testing Suite to build in reliability

**Performance driven. Quality assured.**



“This unique business-driven structured testing approach enables our clients to achieve the highest quality Oracle Application deployments, with less cost, less risk and faster time to market.”

The integration of TMap®, Capgemini Group’s leading business-driven Test Management approach for structured software testing, into Oracle Application Testing Suite significantly reduces the cost and complexity of deploying Oracle environments.

### Business Drivers

Enterprises are constantly caught in the balancing act between reducing the complexity of application testing and the consistent drive to accelerate delivery of products and services into the market. Testing enterprise applications is fraught with challenges such as insufficient testing expertise and undetected errors that are caught too far into the software development lifecycle.

Enterprises often turn to firms like Capgemini Group (Capgemini and Sogeti) with a specialist Quality Assurance and Testing discipline to help architect best practices within testing and verification, to achieve business goals in Oracle Applications environments.

The Capgemini Group is a Diamond Level Partner in the Oracle PartnerNetwork (OPN), and works together with Oracle Corporation to deliver specialist testing and application lifecycle solutions.

### Unique Business Value

The combination of Capgemini Group’s expert testing skills and Oracle Applications and technology provides an end-to-end solution, comprised of people, processes and technology. We can help companies to more thoroughly test their Oracle Applications, Middleware and Databases as well as other Web and/or SOA-based applications and their underlying infrastructure.

Customers can now benefit from our partnership to achieve consistent quality in test management and quantifiable cost reductions in software development and maintenance projects based on:

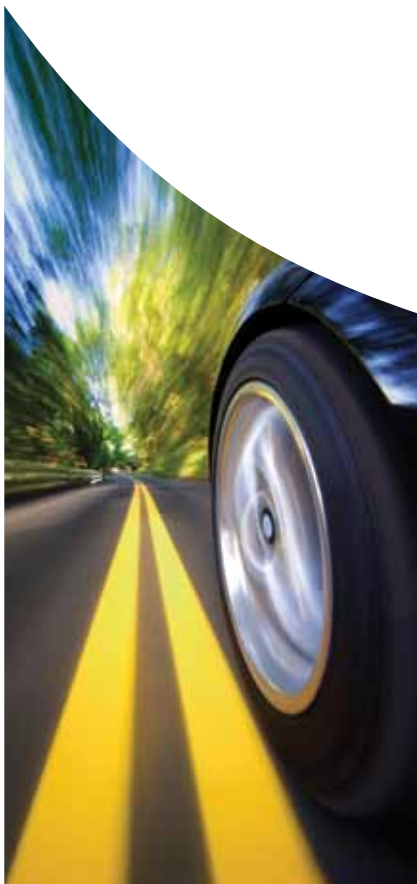
- **Integration of TMap® into Oracle Application Testing Suite;** Capgemini Group’s leading

business-driven Test Management approach for structured software testing, TMap® developed by Sogeti, is now integrated with Oracle Application Testing Suite, a key component of Oracle Enterprise Manager’s Application Quality Management solution, and its overall business-driven IT management approach.

- **Oracle Application Testing Suite** provides an integrated solution for load testing, functional testing and test management, enabling customers to thoroughly test applications and their underlying infrastructure, to help ensure optimum quality, scalability and availability prior to deployment.

- **TMap®** is divided into phases, activities, and tools that guide QA processes. Based on industry and functional best practices, it helps organizations to more effectively manage and standardize test processes to reduce risk. It is adaptive for new implementations and can be used in maintenance situations.

- This single, unified offering has been battle-tested in **Capgemini Group’s Oracle Center of Excellence**, which brings together test labs, best practice tools, data driven frameworks, research and development, and accelerators and solution enablers to ensure that the most appropriate approach is taken to every Oracle testing project.
- In addition, **Capgemini Group’s team of professionals** can help enterprises architect a holistic Master Test Plan to achieve business objectives, starting from concept to implementation.
- **Capgemini Group has incorporated Oracle’s Application Quality Management portfolio into its Lifecycle Testing Service for Oracle** to ensure ongoing test management and maintenance, as new functionality or release updates are added into software development projects.



## Benefits of Oracle's Application Quality Management

Strategic Oracle Partners, such as the Capgemini Group, recognize the impact of Oracle's strategy for Application Quality Management (AQM). For example, development teams using Oracle solutions such as Oracle Real Application Testing and Oracle Application Testing Suite have reduced scripting time by up to 90% and cut testing time from weeks to hours.

Oracle enables these productivity gains by providing unique capabilities, such as testing accelerators for Oracle technology, integrated manageability in Oracle target systems, and sample regression test scripts (Test Starter Kits) for Oracle Applications.

Oracle also provides database testing using real workloads; an easy to learn and use, testing solution, powerful Java-based scripting extensibility and a single integrated scripting platform for automated functional and load testing.

## TMap® Integration – out of the box execution

TMap®, the Capgemini Group's renowned structured testing methodology based on Sogeti research and user experience, provides a complete tool box for setting up and executing tests, including detailed and logical instruction to testers. This systematic test approach provides standardization and measurable business benefits to customers, such as shorter testing within the total software development cycle, comprehensive insight into the risks associated with software quality, and re-use of test process deliverables.

Helping developers and QA professionals to reduce the time associated with creating new test projects, Oracle Application Testing Suite has out-of-the-box support for creating projects based on pre-defined templates for TMap® projects:

- Users can create new schemas/connections based on TMap® templates
- For TMap® -based schemas, the TMap® fields, reports and, if

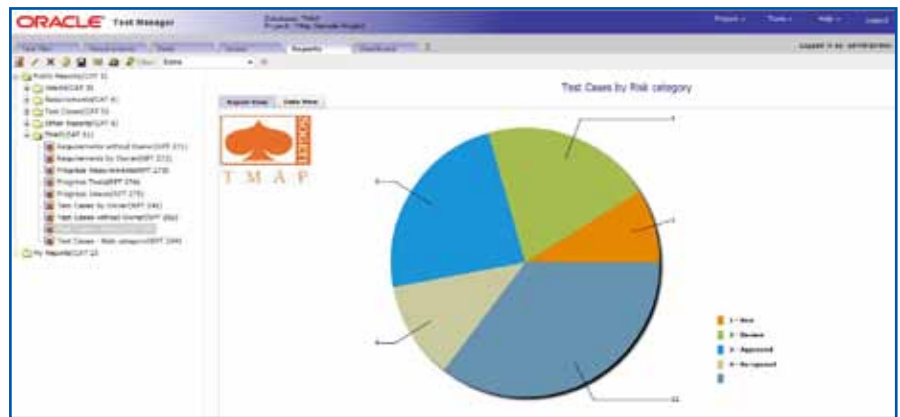


Figure 1: TMap® Integration with Oracle Application Testing Suite

selected, sample data is available 'out of the box' to appear on reports viewed from Oracle Test Manager.

## Capgemini's Lifecycle Services for Oracle Applications

Capgemini Group's Testing Services for Oracle Applications also supports Capgemini's revolutionary Lifecycle Services for Oracle Applications approach, through the structural application of TPI® and implementation of latest innovations around the Capgemini Group PointZERO™ process improvement vision.

Lifecycle Services for Oracle Applications are optimized through the use of Oracle Enterprise Manager. Oracle Enterprise Manager takes a business-driven approach to IT and cloud management. The single, integrated console brings together deep management capabilities and total cloud control.

It does this through performance, configuration, change, and quality management as well as lifecycle automation of the Oracle stack and heterogeneous environments.

The service is designed to deliver productivity, flexibility, and business impact. These multi-year managed services cover the full application lifecycle and are built around the notion of value driven, continuous rationalization in which Capgemini:

- Manages the Oracle Applications landscape and identifies co-existence scenarios to extend

the business value of existing applications or to help companies migrate to Oracle Fusion Applications;

- Provides a tailored business functional upgrade, using a menu card with detailed IT functionalities bundled in business services, all out-of-the-box and priced per menu-item;
- Flexes the scope and services in response to changing demand and tunes business processes to align with standardized best practices in Oracle for the chosen scope and functionalities;
- Upgrades Oracle environments to the latest, most effective versions of an Oracle application, using industrialized methods and tools;
- Integrates a hybrid solution landscape of 'On-Premise' and Sea-based business services, unleashing the value of Cloud computing, including ubiquitous computing and smart phones.

The combination of the Capgemini Group and Oracle ensures that the most appropriate testing of Oracle Applications, Middleware and Databases can be achieved as well as across the broader lifecycle through the use of Oracle Enterprise Manager. By using our joint solutions, our clients benefit achieving consistent quality and quantifiable cost reductions.

## About Capgemini and Sogeti

With more than 115,000 people in 40 countries, The Capgemini Group is one of the world's foremost providers of consulting, technology and outsourcing services. The Group reported 2010 global revenues of EUR 8.7 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, its wholly-owned subsidiary, is a leading provider of local professional services, bringing together more than 20,000 professionals in 15 countries and is present in over 100 locations in Europe, the US and India.

Together, Capgemini and Sogeti have developed innovative, business-driven quality assurance (QA) and testing services, combining best-in-breed testing methodologies (TMap® and TPI®) and the global delivery model, Rightshore®, to help organizations achieve their testing and QA goals. Capgemini and Sogeti have created one of the largest dedicated testing practices in the world, with over 8,200 test professionals and a further 12,500 application specialists, notably through a common center of excellence with testing specialists developed in India.

For more information, please visit:  
[www.capgemini.com/testing](http://www.capgemini.com/testing)  
[www.sogeti.com/testing](http://www.sogeti.com/testing)

## Capgemini Group Contacts:

To learn more about Capgemini Group's TMap® Integration with Oracle Application Testing Suite or information about how Capgemini and Sogeti's Quality Assurance and Testing Services can help organizations achieve their testing and QA goals, please contact:

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