

STaaS – Software Testing as a Service

An accessible, flexible and low-cost software testing solution on an extensive ‘service’ basis

Quality of service is a differentiator for any company. But in the current economic and market situation, it is more difficult than ever to access the necessary resources and funds for developing and maintaining IT applications. And setting up either a test process or test outsourcing requires time and significant investment. No more! Sogeti’s new testing solution - Software Testing as a Service (STaaS) – provides an accessible, flexible and low-cost test solution – on-demand outsourcing without the high levels of investment.

The challenges of achieving quality

Most organisations are trying to reduce the total cost of ownership of IT, but at the same time, regulations such as SOX, SAS 70 or ISO standards require increased focus on quality assurance. And failing processes are not a commercial option – particularly when they are customer-facing or business-critical. This means that testing remains an essential element of operational efficiency and risk management. But for some companies establishing an efficient, cost-effective test process presents a significant challenge, particularly when funds for investment or resources are tight.

STaaS – testing outsourcing without the investment

Software as a Service, (in which an application is hosted as a service and provided to customers across the Internet), has revolutionised the need for client-based installed and run applications. And now Sogeti is applying the same model to software testing - with similar efficiency and cost benefits.

Sogeti’s unique new testing solution – Software Testing as a Service (STaaS) – is a highly accessible, flexible and low-cost service for test execution on behalf of clients, without complex contracts and long start-up times. A low threshold solution based on a clear demand/supply model, testing is provided on an on-demand service basis. Put simply, the client provides the software to be tested and any appropriate documentation (as far as available), and Sogeti experts quickly carry out the defined testing and provide a full quality report.

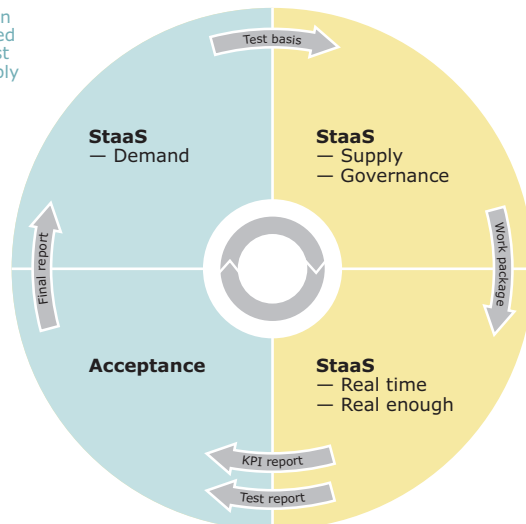
Cost-efficiency and consistent quality guaranteed

STaaS is based on Sogeti’s own TMap NEXT®- world-leading business-driven, risk-based methodology for structured software testing, which consistently achieves the optimal test results. Together with this standardised and highly efficient process, there is complete transparency of the test progress and certainty of the outcomes because standard SLAs and KPIs are an integral part of the agreement. For the client this means: Fixed price, Fixed time-frame and Fixed result.

Sogeti’s STaaS model – a ready-to-go demand/supply organization

- Instant cost reduction
- No investment needed
- No long term forecast
- Simple demand/supply
- Low threshold
- Flexible scaling

- STaaS Scan
- Work package
- Fixed price
- Fixed quality
- Fixed date



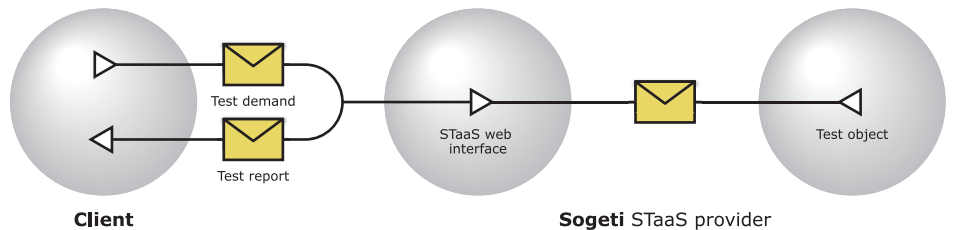
- STaaS level 1**
 - Generic coverage
 - Risk-based
- STaaS level 2**
 - Client-specific coverage
 - Risk & requirements based

Flexible and adaptable testing
STaaS is applicable to custom-built applications as well as standard packages, and can also be applied to the following types of tests:

- Functionality
- Requirements & Design evaluations
- Usability
- Performance (stress and load)
- Security

- Reduced costs
- Higher quality
- Sector-specific tests
- Software quality transparency

The STaaS standardised process flow



Who can benefit from STaaS?

STaaS is particularly suited to organisations that:

- need to quickly set up test processes for development or maintenance
- face challenges with the additional or ad hoc testing needs of projects
- manage a wide range of test projects, from very small test tasks (less than 1 FTE during one week) to larger projects

How does STaaS work?

The STaaS scan

The first step is to define the scope and contents of a STaaS test and identify the most important risks. This is assessed by a STaaS scan carried out by a Sogeti STaaS test manager of the available documentation. With the client, we then determine the most efficient way to organize the STaaS test – onshore, nearshore, offshore. The result of the scan is the test work package – a fixed price, fixed time and fixed result agreement.

Flexible Test Execution to meet individual client needs

Sogeti test experts with specific sector-expertise then carry out the defined test work package in real time, using a connection between client and Sogeti. Two levels of execution are available depending on the availability of application documentation:

- STaaS level 1 is applied in cases of minimal documentation. Sogeti applies a standard sector-specific test set, consisting of its own extensive industry test cases providing insight into the basic quality of the application, at minimum effort and cost;
- STaaS level 2 is applied when requirements and design are adequately documented, and a customised test is developed on the basis of the agreed strategy.

Sogeti then executes the work packages using its network of operational test centers, equipped with ready-to-go test templates and test sets. This network enables fast response times and access to flexible resources to quickly scale up or scale down the STaaS service according to the needs of the client.

STaaS delivers results at minimum cost

The benefits of the Sogeti STaaS approach include:

– Test cost reduction

STaaS is proven to achieve a cost reduction of at least 25% compared to classic project organisations. Set-up costs for the client are significantly reduced and levels of expert resources can be flexed quickly to meet the project needs.

– Test efficiency and effectiveness

Sogeti's extensive experience in applying test automation tools guarantees a state-of-the-art, efficient and controlled test process. Together with the benefits of TMap-based structured testing, efficiencies lead to cost savings.

– Low-cost investment

STaaS requires much lower levels of investment normally associated with large-scale test outsourcing. And after test completion, there is no need to dismantle a fully-equipped test organisation.

– Enhanced quality of deliverables

Typically, the quality of software increases when a client adopts a STaaS approach, particularly as it is possible to run tests that might otherwise have been overlooked. After test completion, Sogeti's comprehensive Quality Report, together with client-specific test cases, provides full transparency of achieved software quality.

– Fast turnaround & Simplicity

STaaS can be operational within 10 working days, and it speeds up turn-around times, to enable the client to meet their market timelines. Sogeti provides the customer with a single 'point of contact', and all activities are focused to provide an optimum service for minimum client effort.

Sogeti can help achieve your testing goals

STaaS offers accessibility, flexibility and cost efficiency. Contact your local Sogeti Account Manager to arrange a visit to one of our STaaS test centres or to find out how STaaS can make a difference to your testing projects.

For more information about how Sogeti's Testing Solutions can help organizations achieve their testing and QA goals, please contact your local Sogeti office or visit:

www.sogeti.com

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