

SQS – the world's leading specialist in software quality



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# SQS Performance Testing Service

**February 2015**

# Agenda

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- ☐ System performance is a critical factor
- ☐ Client benefits
- ☐ Performance Testing Service
- ☐ SQS Group

## New challenges to system performance arise constantly



**Technology improvement can be a vicious circle, adding several risks to business:**

- **Risk 1** – Systems may not be able to handle increased load
- **Risk 2** – Systems outage are extremely expensive
- **Risk 3** – If a company abandons a website due to slow performance, 28% of users will never return
- **Risk 4** - Company brands are damaged by user perception of poor performance



# SQS Performance Testing offers you a large number of benefits

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## Summary of Benefits

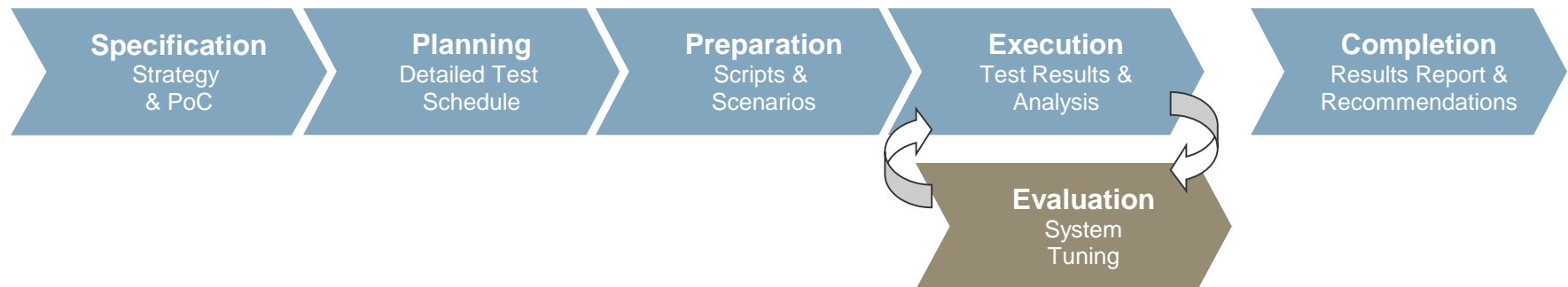
- **Reduce the risk of failure** – By knowing the systems limits and performance under load conditions, the client can reduce the risk of failure.
- **SQS invests in the project** - Guarantees skilled resources by taking on cost of training & up-skilling and guarantees flexibility of resources, matching peaks & troughs of demand
- **Process efficiency** - Improved quality of performance testing and reduced cost of fixing production performance issues
- **Tool efficiency** - Central use of tools – possibility of centralised licence

# SQS Approach to Performance Testing

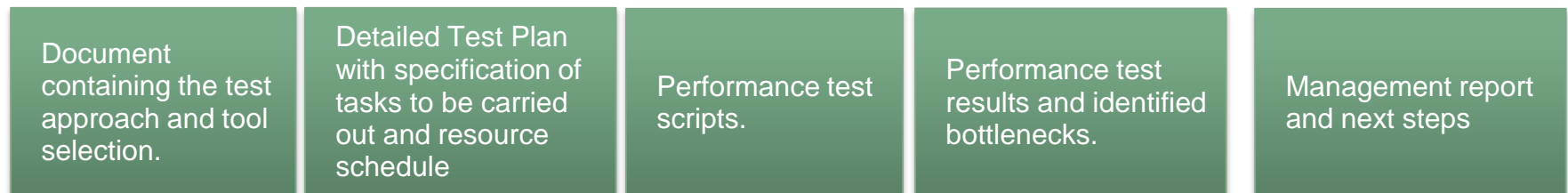


## SQS Performance Testing Service can reduce the cost in two ways:

- Cost-effective onshore/nearshore service models
- By improving the testing structures & processes to find efficiencies
- Clearly defined steps for Performance Testing



## Deliverables



# Performance Testing Service Models



The following models can all be run as onshore or on/nearshore split resourcing:

- **Resource Based** - This is a outsourcing based model where SQS and the client agree on the number of resources for the project execution.

## Resource Based

- Agreed number of resources
- Long-term commitment

- **Service Based** – As a service based model, the testing is fully done by SQS based on agreed results with the client. SQS can also provide the tool for the service execution.

## Service Based

- Testing fully outsourced to SQS
- SQS can provide tool and execute tests remotely

# Performance Testing Tools



- Through its extensive experience in different toolkits, SQS is prepared for the best scenarios that fulfil each client needs. From open source tools to top of the industry, SQS helps you to choose the best tool for the project.
- Different licensing models are available for the tools that can be used, from a daily basis to annual models.

## Dynamic Toolkit

- Fit to customer needs
- From open source to 'top of the line' tools
- Agile Load, SOASTA

## Successful Performance Testing Projects



**SQS has conducted several Performance Testing projects for different clients. Below are presented two successful examples conducted in the Portuguese market**

### Millennium Bim

- Performance tests for several critical transactions of the banking system
- Deep analysis of the bottlenecks allowed the client to tune the system
- At the end of the project, the performance gains exceeded all expectations.

### Millennium BMA

- In the scope of a Software audit for certification, Performance tests for critical corporate transactions of the banking system were executed, allowing the client to obtain accurate results and a quality seal for the software product.



## At a glance: SQS is the world's leading specialist in software quality.



» *The global leader in independent software testing and quality management services – majority of its business in Europe* «

Financial Times, 21 August 2007

- More than 30 years of prosperous operations
- Over 7,000 completed projects
- The customer base includes 20 FTSE-100 companies, half of the DAX 30 companies and nearly a third of the STOXX-50 companies
- The SQS philosophy is to help our customers improve the quality of their business solutions.



SQS is listed on the AIM London





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Thank you for your attention.