

SQS PractiQ – Rapid Testing for SAP® Implementations

Cologne, March 2009

SQS Software Quality Systems AG

Agenda



- SAP® testing is a constant challenge
- SAP® testing made more efficient: by standard test content, methodology, tools and test center services
- Rapid Testing for SAP® Implementations: our solution in detail
- SQS Group



SAP® Testing is a constant challenge

Permanent change requires frequent Testing of SAP® scenarios



Business-driven changes

- Merger, acquisitions
- Reorganisation, business process optimisation
- New products
- New/enhanced functionality



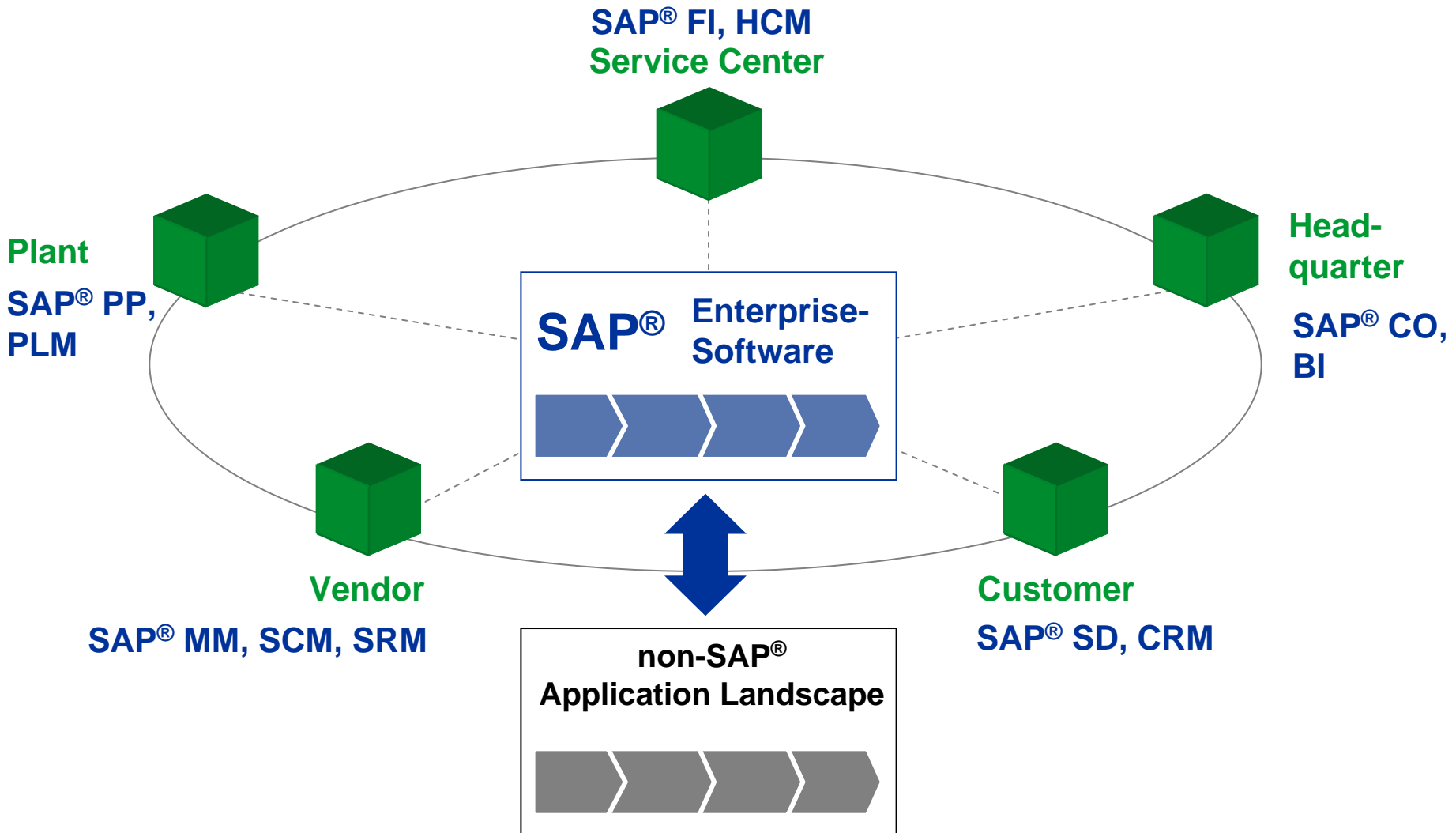
Technology-driven changes

- Release upgrades
- Enhancement packages
- Service packages
- Infrastructure adaptations

Need for testing

SAP® Testing is a constant challenge

**Due to high complexity and criticality of SAP® scenarios
Testing is associated with significant cost and effort**



Are you aware of the issues raised in connection to SAP® upgrades and SAP® testing?



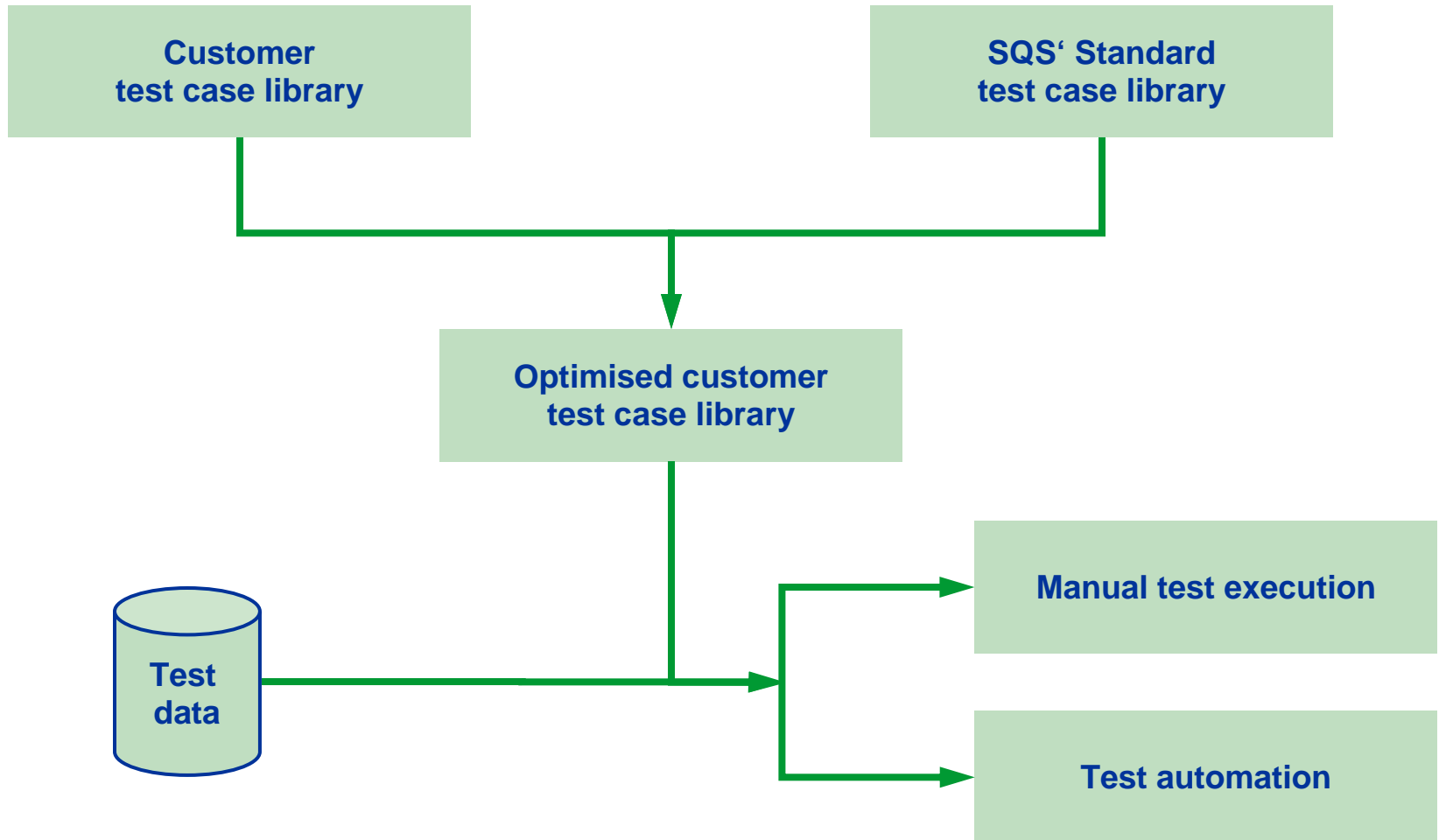
- What kind of releases are you planning?
- What is the scope of your release upgrade?
- How do you know what the impact and cost of not testing your SAP® system / release upgrade is?
- How do you measure the test coverage of your system?
- How do you know where your system is most likely to fail?
- How do you know where you should focus your test automation activities?
- How is the budget for testing calculated? Who is responsible for the budget?
- What are your key business processes and what transactions support them?
- How is your system currently configured and who is doing what?
- How much custom code do you have and how much of it can you do without the next release of SAP®?
- How do you measure the performance of the SAP® system? Can you scale it up to increase the number of users and what will the impact be?
- How do you know where you should focus your performance test activities?
- How is a worldwide rollout of the upgrade planned?
- How do you measure the update running of the last release?

SQS achieves test acceleration by the utilisation of content, methodology, tools and test center services



Content	<ul style="list-style-type: none">■ Pre-defined, reusable Standard Test Cases for the modules HCM and FI■ Business process and module-related example scenarios
Methodology	<ul style="list-style-type: none">■ Test Conception■ Test Planning and Management■ Risk-based Test Specification■ Test Data Definition■ Test Automation■ Performance Test
Tools	<ul style="list-style-type: none">■ Test Management■ Test Automation■ Test Data Management■ Load & Performance■ Defect Management■ Test Case Specification■ Test Documentation
Test Centre Services	<ul style="list-style-type: none">■ Support through professional Test Centres■ Flexible und scalable provision of 'on-demand' test resources

With our approach we leverage standard test content





Human Capital Management (HCM)
Support for the HR-Management processes

Talent Management

- Win, develop and retain employees

Workforce Process Management

- Administrative processes of the HR-Management

Workforce Deployment

- Plan and manage staffing

ERP Financials
Support of accountancy processes

Financial Accounting (FI)

- FI processes

Management Accounting (CO)

- Controlling processes

Financial Supply Chain Management (FSCM)

- Management of capital stocks and capital flows

Others

- Governance, Risk and Compliance etc.

SQS helped a large oil company to benefit from time and quality advantages at SAP® implementation



The client is one of the world's largest energy companies. Its SAP project was run in Europe, the Americas and Asia.

Objective

- Establish a programme test strategy for SAP® implementation

Challenge

- Integration and end-to-end testing of all interfaces with extremely tight deadlines
- Very large project with a length of 18+ months and budget of USD 180m which impacted 80% of the client's business

Solution

- SQS engaged for programme test management, system test management, functional testing, defect management and performance testing
- Use of GH Tester for middleware interface testing & message generation

Benefits

- Accelerated testing with pre-built SQS test strategy, planning and estimation templates which were then customised for the client
- Increased the delivery quality and timelines through effective testing & quality assurance management

A SAP solution was implemented one of the leading Financial Services providers



The client is a global insurance-based financial services provider. It offers its tailored solutions to large corporations.

Objective

- Implementation of a SAP® solution in the central management area of the European corporate business

Challenge

- Insufficient data quality in the legacy systems
- Highly heterogeneous application architecture to be replaced by a standard solution

Solution

- SQS was responsible for project management, process and organization engineering, change management and migration as well as business support.
- SQS also carried out the project controlling

Benefits

- Structured project approach in a highly challenging environment
- Best-practice target processes aligned to the system
- Required organization changes defined

SQS supported a large airline with SAP® projects, and delivered test, quality and cutover management



The client is one of Europe's largest airline companies and carries over 80 million passengers to destinations worldwide.

Objective

- Successful implementation of various SAP® projects, including SAP HR migration from 4.6 to ECC 6.0

Challenge

- SOX regulations & constant quality challenges in production
- Parallel implementation of SAP® enhancements & new functionality with all initiatives managed within separate projects

Solution

- SAP® HR migration from 4.6 to ECC 6.0: test, quality & cutover management delivered
- SAP® HR performance test with HP QTP test & integration management in time-critical circumstances
- SAP® WMS, NetWeaver & Travel management actual with test, quality and project management engagement in progress

Benefits

- Adjusted & rolled out the SAP® test strategy
- Outstanding commitment to timely delivery with high quality & result focus approach
- SQS has become the only partner for SAP® test management due to its high quality in delivery

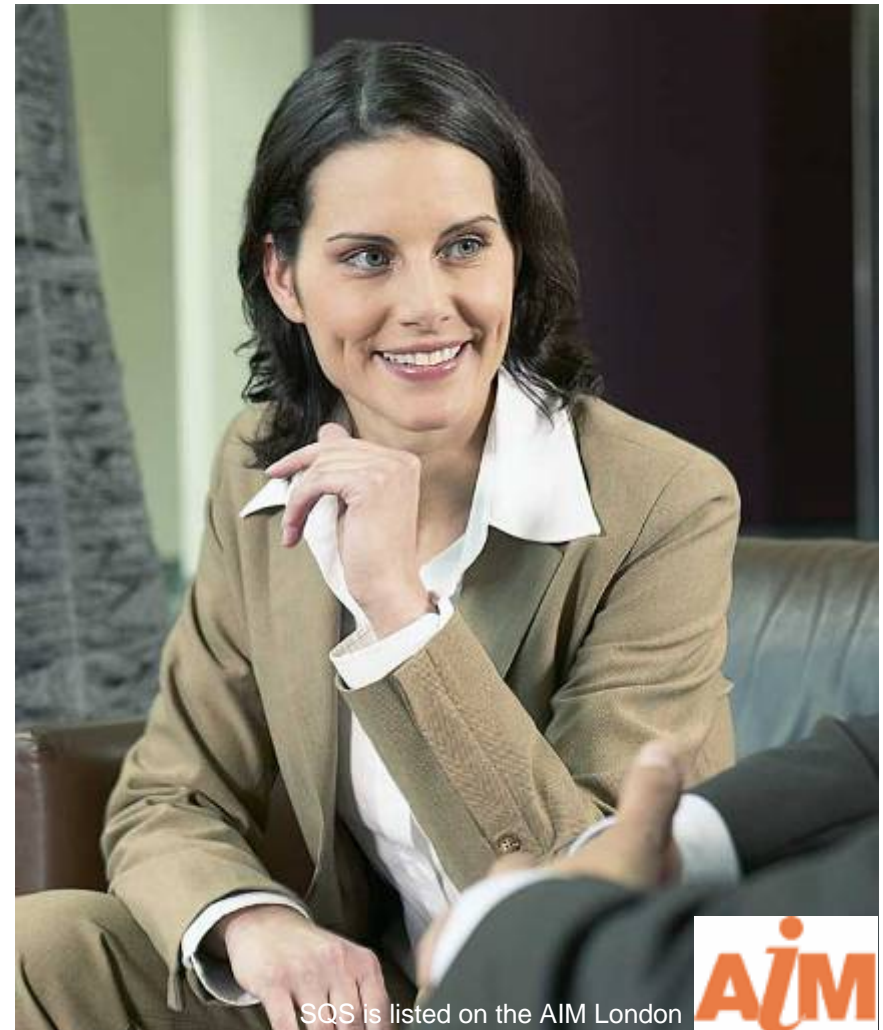
At a glance: SQS is the global leader in independent software testing and quality management services.



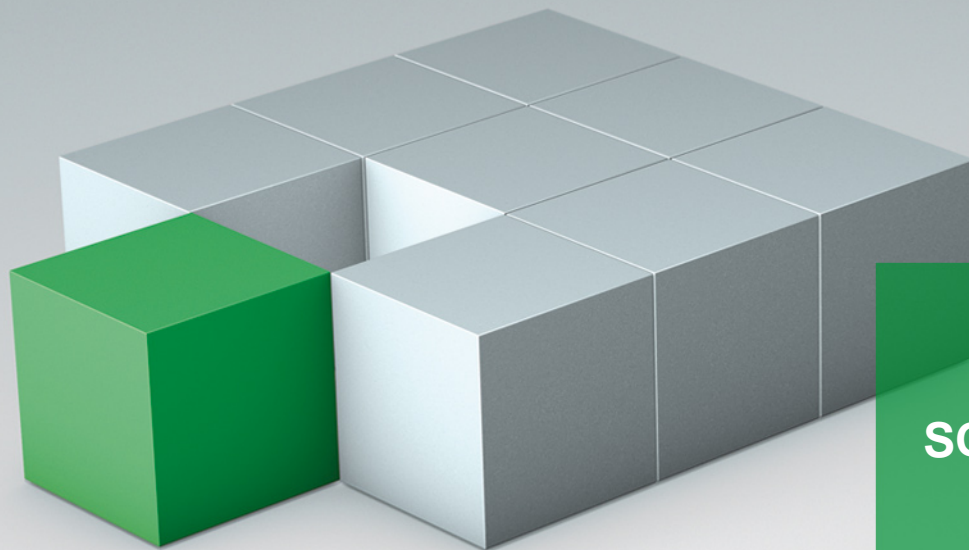
» *The global leader in independent software testing and quality management services - majority of its business in Europe* «

Financial Times, 21 August 2007

- More than 27 years of prosperous operations
- Over 5,000 successfully completed projects
- The customer base includes 36 FTSE-100 companies, half of the DAX 30 companies and nearly a third of the STOXX-50 companies
- The SQS philosophy is to **make IT projects successful.**



Quality Services and
Testing Solutions at Work



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Thank you for your attention!