

Test Data Management

An efficient solution to enhance security and economy



Test data – the right mixture counts

The management of test data accelerates test execution and increases the efficiency and the quality of IT projects. Test data management is not only able to address security aspects, but will also assist in an economic use of test data repositories. Test archives can be re-established quickly and will enable the desire for reserved data banks. Goal orientated administration of test data will enhance the efficiency of test processes on a daily basis.

A well-constructed mixture of test data consisting of synthetic and production data guarantees 100% test coverage, makes data banks quickly available and reduces data defects within the production repository. The aim is to make test data based on test case design available, where test cases are used as test data requirements. Applying this focused approach will reduce test data repositories – increasing the quality and decreasing running costs.

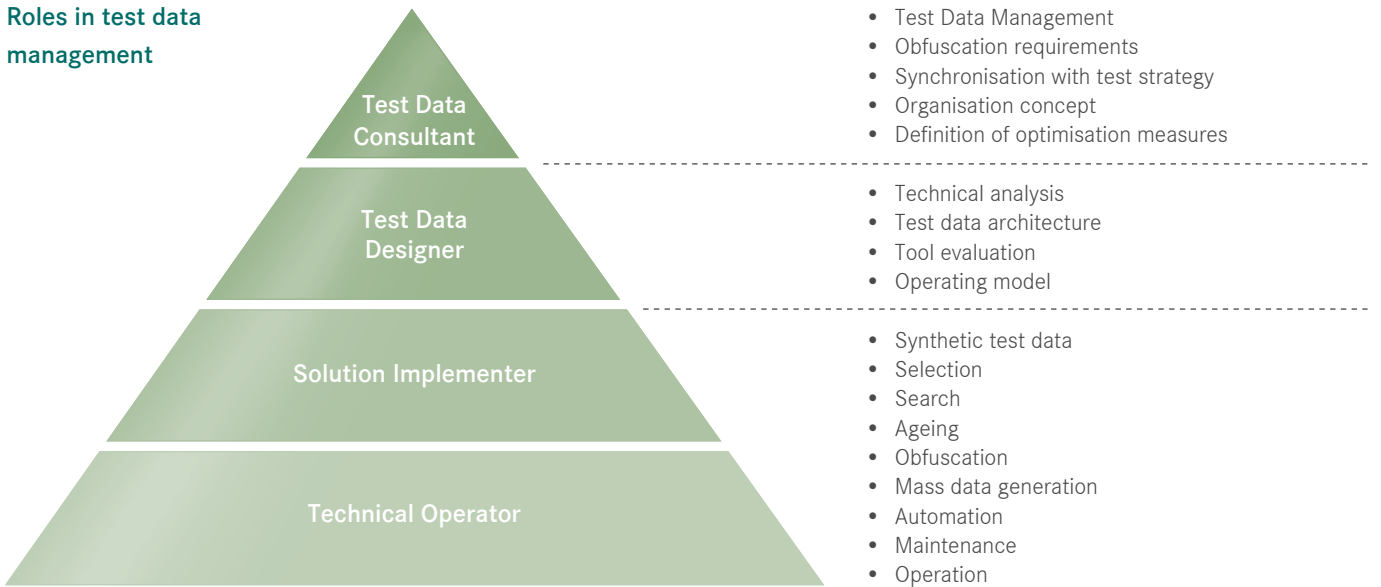
The complexity of the test environment will influence the decision as to which standard procedure to use in blending synthetic and production data. Applying techniques of obfuscation and reduction will decrease test data quantity drastically; protects data and therefore is fit to be used in offshore projects. Reproducible, automated regressions tests will be made possible through 'intelligent' data repositories.

In case of disaster an archiving concept will enable the restart of environments quickly. The initialisation of environments in stages, as well as the long term storage of test data driven by compliance are the building blocks of SQS test data management.

SQS – The specialist for your test data management

Test data management is focusing on repeatable test activities. Flexibility and an efficient use of resources are necessary during the implementation of test data solutions. Client requirements will influence the preferred tools. Tool evaluation is important and will lead to potential savings.

Roles in test data management



A precondition for successful test data management is the integration into procedures of test environment management. Our consultants are educated accordingly, to support the client in terms of concepts, design, planning the technical implementation and maintenance, as well as executing a solution using different roles.

The following will be delivered on time and goal driven – corresponding result types, technical design, anonymisation concept, archiving concept, industrialisation concept and organisational concept.

Our modular driven solution can be implemented into any applied test infrastructure. Based on our delivery methodology SQS PractiQ® many challenging projects have been implemented successfully.

Processes and organisation as success factors for test data management

The demand on testing organisation increases with the complexity and quantity of systems under test. The introduction of a dedicated test data management – utilising technology, complexity, roles and organisational structure – reduces the risk. The primary focus in test data management is on supporting procedural and organisational tasks within companies and not about the correct use of tools.

Training modules, conducted by the SQS Academy, will enhance and complement the establishment of a test data management solution. Our modular based concept makes it possible to assemble a tailor made training solution to suit different clients’ needs.



Contact

For further information, or if you have any other questions, please do not hesitate to send us an e-mail: testdatamanagement@sqs.com