INDIVIDUAL STANDARD SOFTWARE

Tailor-made software development

Sopra Steria Consulting works with its customers to develop made-to-measure software solutions. It combines the advantages of standard and individual software in its "individualised standard software" development approach. Sopra Steria Consulting also uses a process model tailored specifically to this development approach.

Fast and best

The "individualised standard software" approach allows Sopra Steria Consulting to offer fast, cost-effective solutions, while simultaneously meeting customer-specific requirements.

What is the concept behind "individualised standard software"?

A key aspect is the highly modular design of the software components. The modules are divided into two categories:

- Basic modules

- Functional modules

All modules are integrated and linked together seamlessly. Their high granularity ensures that only those software modules are used which are needed to meet the customers' individual requirements. This helps cut complexity and optimises costs and resources.

The basic modules meet the general requirements of modern software. They fulfil general functional and auditing requirements, which are essential for any professional software irrespective of the specific functional requirements. These include, for example:

- Flexible user and authorisation concept

- Creating data history, archiving and versioning

- Components for a full audit

- Checking data using the four-eyes principle

- Analyses using data warehouse techniques

- Logging of system and user activities

- Automated job scheduling

The basic modules can usually be used out of the box since customers' main requirements do not change.

The functional modules meet specific functional requirements. A differentiation can be made here between:

a) Standard modules
b) Individual modules

The standard modules always form the basis for meeting functional requirements within a specific project. This generally means that a large number of requirements will already be covered.

If basic and standard modules are not sufficient to meet a particular customer's requirements, individual modules are used. Sopra Steria Consulting will then integrate these modules into the modular design of the "individualised standard software" and subsequently make these available to all existing and new customers.

Individual configuration

All software modules can be individually and comprehensively reconfigured, i.e. basic, standard and individual modules can be enhanced by user exits, which extend or replace default functions.

The modules are configured to allow functional processes and procedures to be adjusted using a large number of parameters and variables. Standard modules can meet individual requirements by making effective use of parametrisation. As a result, individual modules no longer need to be developed.
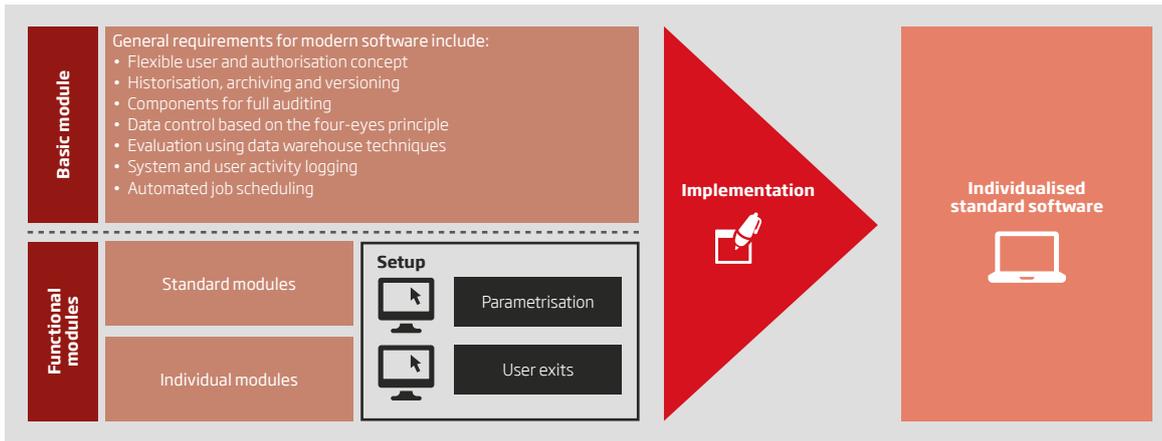
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Fig. 1: Individualised standard software

Efficient development

The entire modular concept forms the foundation of efficient and customer-specific software development. This approach is embedded in and supported by the integrated process model, which focuses on finding an effective solution to your requirements.

This dedicated process model ensures that all the functional and non-functional aspects of your requirements are taken into account and met using the "individualised standard software" within the best framework in terms of time and budget.

Steria Liquidity Suite

Steria Liquidity Suite is an established software solution from Sopra Steria Consulting. It supports modern treasury management and meets the requirement for integrated liquidity management as well as centralised collateral management. The required functionalities are tailored accordingly using the "individualised standard software" design approach. A large number of major banks are already using Steria Liquidity Suite on a day-to-day basis.

Technical specifications

The technical architecture for "individualised standard software" is based on a conventional three-tier architecture.

1st tier

Client, presentation layer:
Java Runtime Environment (JRE).

2nd tier

Business layer: J2EE-compatible application server. Reference installations available for JBoss, IBM Websphere, BEA WebLogic.

3rd tier

Database layer: SQL-compatible database. Reference installation available for Oracle.

Conclusion

Sopra Steria Consulting provides a cooperation model based upon the "individualised standard software" design approach. Meeting your exact requirements are the focus of what we do, and you will benefit from a made-to-measure extension of your software application as well as our in-depth expertise. Maintenance and support are provided by a local consulting and development team.