



CONSIST PROJECT REFERENCE

***Distribute important messages
quickly anytime and anywhere***

The story in brief

In a fiercely competitive market, exchanging and updating business-critical data in real time can be a decisive competitive advantage. If this is needed for over 1,000 stores throughout Germany, and diverse front-end and back-end systems require fail-safe communications, then it's a very ambitious goal.

A large company asked Consist to plan and implement a message dispatcher from A to Z. The special feature of this distributed application: it is spread geographically across multiple locations in different sta-

tes. The required high availability of 99.99% was a particular challenge. Specifically, this means that system downtime must be less than an hour per year. In addition, the distribution system must cope equally well with 3 or 3,000 messages in a very short period. The secret? Load balancing.

Consist executed this extensive project – from requirements analysis right through to commissioning – on time and within budget. The new, highly-available integration and distribution platform even exceeds the high quality standards.

The system is also reliably managed, maintained and further developed on an ongoing basis by Consist, as part of a Managed Services agreement.



The task

- ◆ Design, implementation and introduction of a central integration and distribution platform for business-critical messaging

The challenge

- ◆ Extremely high availability of 99.99% required
- ◆ Maximum scalability necessary
- ◆ Rapid expandability demanded
- ◆ Enable distribution across multiple geographically-spread data centers
- ◆ Simple configurability required

The solution with Consist

- ◆ Design and develop a tailor-made, highly-available new system for bi-directional exchange of business-critical messages between diverse distributed front-end and back-end systems
- ◆ Use of the latest technologies
- ◆ Creation of a special test infrastructure to accurately simulate the production environment, and thus provide a reliable platform for carrying out integration, load, stress, availability and acceptance testing
- ◆ Provision of a monitoring system for real-time monitoring of system status

Particular strengths of Consist

- ◆ Support for customers through the entire software development cycle, from requirements analysis to design, implementation and testing right through to trouble-free commissioning
- ◆ Completion of projects on time, within budget and in top quality
- ◆ Seamless transition to professional maintenance of the new system (Managed Services)

Customer benefits

- ◆ Securing a competitive advantage
- ◆ Enabling growth and future security on the basis of highly-available, high-performance, flexible architecture

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IT that works.

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