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 states. 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

CONSIST
Business Information Technology

We do IT for you.

Your contact:
Joscha Sternadel
sternadel@consist.de
+49 431 3993-775
Consist Software Solutions GmbH
Christianspries 4, 24159 Kiel
www.consist.de