



AOK Systems GmbH
Troisdorf, Germany
www.aok-systems.de

Industry:

High Technology

Annual Revenue:

US\$94.3 million

Employees:

404

Oracle Products & Services:

Oracle Database
Oracle Real Application Clusters
Oracle Advanced Replication
Oracle Advanced Security Option
Oracle Application Server
Oracle JDeveloper
Oracle SOA Suite
Oracle BPEL Process Manager

Implementor:

Oracle Consulting

“The deciding factor in favor of Oracle is that its products already support all the required and necessary standards, guaranteeing the rapid development of a health insurance data service prototype.” – Udo Patzelt, Head of Development, AOK Systems GmbH

AOK Systems GmbH Creates Foundation for Health Insurance Data Service

AOK Systems GmbH develops complete SAP-based and individual IT solutions, focusing on statutory health insurance. Its current activities involve Germany’s electronic health insurance card. Some 80 million insured citizens will receive the new health insurance card, which will offer a network of services from 21,000 pharmacies, 123,000 general practitioners, 65,000 dentists, 2,200 hospitals and nearly 270 health insurance providers. The network will be coordinated via AOK’s new telematics infrastructure.

Challenges

- Establish a health insurance data service
- Provide up-to-date, interoperable administrative data on insured persons in accordance with the requirements laid down by Gematik, the organization responsible for telematics applications relating to the health insurance card

Solution

- Implemented Oracle Database and Oracle BPEL Process Manager to build a new service-oriented architecture as the backbone for AOK’s health insurance data service
- Enabled the company to meet the security and health information data management requirements set out by the government for Germany’s new health care card
- Using Oracle Application Server used to provide users with new and expanded Web services
- Using Oracle BPEL Process Manager to ensure data synchronization functions in accordance with AOK’s specified processing logic and enabling the AOK to adapt its business processes more quickly and easily to changing requirements
- Available data center options: Oracle Advanced Replication for easier information flow, Oracle Advanced Security Option for high security requirements, Real Application Clusters and Oracle Application Server’s high availability-framework to improve high availability and scalability