



SWU Stadtwerke  
Ulm/Neu-Ulm GmbH, Germany  
www.swu.de

**Industry:**

Utilities

**Annual Revenue:**

US\$389 million

**Employees:**

1,000

**Oracle Products & Services:**

Oracle Database  
Oracle Application Server  
Oracle BPEL Process Manager

**Oracle Partner:**



Fichtner Consulting & IT AG  
www.fcit.fichtner.de

**“GeoXtension, based on Oracle technology, gave us a graphical analysis and reporting tool that provided vital support at critical stages in our decision-making process.”** – Ingo Trippenfeld, IT Director, SWU Stadtwerke

**SWU Stadtwerke Implements Service-Oriented Architecture to Automate Business Processes**

With more than 200,000 customers, SWU Stadtwerke is a leading energy supplier for Baden-Württemberg, one of the southern-most provinces of Germany. SWU also provides services in telecommunications, IT management, and consulting, along with its traditional services in the energy and transportation sectors.

**Challenges**

- Deploy scalable, modern, Web services-based IT infrastructure
- Implement parameter oriented queries with graphical overview to allow SWU to make verifiable business decisions

**Solution**

- Worked with Fichtner Consulting & IT AG to implement Oracle Database 10g and Oracle Application Server—creating a Service-Oriented Architecture (SOA) based on Web services
- Deployed GeoXtension—a configurable components-based software from Fichtner Consulting—on Oracle technology
- Used Oracle BPEL Process Manager to integrate different Web services, culminating in complex automated business processes
- Improved graphical analysis and reporting tools to simulate and replace the analysis functions of a data warehouse
- Interpreted and integrated geographical data to produce fast and flexible cartographic reports for customer-specific applications
- Implemented a “Parameters-oriented Graphical Overview Description,” allowing SWU to make verifiable decisions and provide support for operations scheduling and resource planning
- Integrated third-party application data to improve visibility and reporting capabilities
- Documented all process cycles
- Reduced costs through systems consolidation