

# Siemens AG

## ARI ("Application Resource Island")

business reinvention



operational excellence



trust and compliance



### The Background

Siemens AG is a global technology leader with headquarters in Munich and Berlin. The portfolio of the company, that was founded 1847, includes products and services in the fields of medical technology, equipment construction and energy. Beside solutions for electricity generation (turbines, generators), electricity transmission and distribution (switchgears, substations, transformers, network infrastructure), the company also offers solutions for automation and drive technology, for transport and processing of oil and gas, industrial software, X-ray systems, laboratory diagnostics, rail vehicles (ICE or trams), systems for building automation, fire protection as well as traffic, logistics and transportation management.

### The Challenge

Siemens has additional and higher safety requirements and needs an IT service provider that supplies jointly consulting and implementation services for the project "ARI".

ARI offers a "state-of-the-art" security solution that addresses the business-critical applications with strict security and compliance requirements.

Objectives are:

- ▶ strong access control
- ▶ 24 \* 7 Security Operations
- ▶ a protected dedicated infrastructure
- ▶ a dedicated management organization

# SIEMENS

### The Solution

ARI was jointly developed with Siemens.

To meet the additional and higher security requirements of Siemens, Atos changed its internal methods by separating the responsibility for construction processes, security processes and security compliance. In addition, a rigorous access management - according to the "4-eyes principle" - and an intensive monitoring and tracking of security incidents and threats have been set up.

- ▶ Integration of new and modern technical, physical and process-technical security measures
- ▶ Implementation in a "business as usual" environment of ARI
- ▶ Support 24\*7
  - Secure Operations Center in UK
  - First-Line Support in Romania
  - Additional support from Germany (in particular for projects and customer data access)

Siemens and Atos commit themselves to lead the ARI project to success.

It includes following functional phases:

- ▶ Integration of SAP ERP and HR systems in new security perimeter
- ▶ Partial shift in strategic Atos data centers (Europe, America and APAC)
- ▶ Creating a jointly identity for Atos and Siemens teams

A common understanding of goals, problems and risks, allows the teams to achieve joint success.

### Powering Progress

- ▶ There is a very high trust relationship between Siemens and Atos.
- ▶ In recent years, Atos, proved the provision of high quality services.
- ▶ Atos has a deep understanding of Siemens processes, expectations and requirements.

### Business Benefits

ARI is a groundbreaking solution, that offers advanced protection for the valuable data of Siemens.

The higher level of safety with a professional access authorization concept, a round the clock service and more transparency of threats are the most important results of the project.

This means in detail:

- ▶ compliance with the safety requirements of Siemens data center in which business-critical applications and data are stored and processed
- ▶ deeper insights due to security audit data using forensic Siemens tools
- ▶ ensure stable operations → no implications for corporate users
- ▶ Significant improvements in productivity through mobile and secure access to business-critical systems
- ▶ Availability of new and more productive cooperation models for existing and new business partners