

BUSINESS AND IT ARCHITECTURE GO HAND-IN-HAND

Challenge

Process Excellence at The Linde Group requires transparency and clarity about how efficient the IT landscape supports the business processes. To improve the IT performance Linde had been looking for an approach which provides clear insight into its complex and heterogeneous process and IT landscape.

Solution

Supported by IDS Scheer Consulting, a Software AG brand, and the ARIS Platform from Software AG, Linde succeeded in creating a holistic enterprise architecture management solution. By mapping the existing IT landscape in detail Linde easily got an overview about necessary changes in order to support business in a cost-efficient way. Deploying the solution leads to a better understanding of harmonization of processes, roles and responsibilities as well as standardization of applications and infrastructure.

Benefits

- Facilitated harmonization of business and IT requirements and goals
- Standardization and use of existing capacities and services using transparency and reporting
- Awareness of existing IT capabilities, processes and responsibilities within the IT organization as a prerequisite for cost optimization



THE LINDE GROUP

The Linde Group is a world-leading gases and engineering company with around 50,000 employees working in more than 100 countries worldwide. In the 2010 financial year, it achieved sales of €12.868 billion. The strategy of The Linde Group is geared towards long-term profitable growth and focuses on the expansion of its international business with forward-looking products and services. Linde acts responsibly towards its shareholders, business partners, employees, society and the environment—in every one of its business areas, regions and locations across the globe. Linde is committed to technologies and products that unite the goals of customer value and sustainable development.

Get There Faster.™

“Enterprise architecture management with ARIS has enabled us to consistently build on our IT systems. It provides transparency of everything from processes and applications to technology.”

Thomas Steinich | Head of Enterprise Services Application Architecture | The Linde Group

A profitable company

With corporate headquarters in Munich, The Linde Group operates in more than 100 countries in the field of gases and engineering. Linde's Gases Division is a world leader in the international gases market, supplying industrial, specialty and medical gases. It has three global operating segments with eight regional business units, two global business units and two further business areas. Linde's Engineering Division is successful throughout the world, with its focus on promising market segments such as olefin plants, natural gas plants and air separation plants, as well as hydrogen and synthesis gas plants.

High performance organization

The global business of The Linde Group, a world-leading gases and engineering company, requires a high level of integrity between business processes and its support of IT applications and services. The continued integration between business and IT strategy and the associated management and reporting concerning the process and IT landscape based on a repository is for Linde indispensable.

In addition, The Linde Group aims to drive the harmonization and standardization of IT systems and applications in its regions steadily forward to support the “Process Excellence” initiative under the High Performance Organization program to aim for cost of transparency and to increase efficiency within IT.

But the global application landscape was dominated by hardware and software components from disparate vendors and the ever-growing application portfolio led to ever-increasing costs. The lack of transparency made it difficult, if not impossible, to quickly identify redundant functionality, efficient support of business processes and synergy potential.

Enterprise architecture management

Linde was coping with how to manage complex and heterogeneous IT environments that each required different views of existing enterprise architectures, such as the business processes, applications, data, technologies and various infrastructures.

Enterprise Architecture Management supported by IDS Scheer Consulting offered Linde the chance to create a repository, where process and IT information is transparent, consistent and analyzable.

Enterprise Architecture Management at Linde is providing a structured representation, analysis and management of the complex and heterogeneous process and IT landscape. It supports as well the establishment of new standards and the appropriate change management.

With Enterprise Architecture Management Linde benefits from a holistic view of processes (business process management) and IT (IT architecture management), integrated different views of the company and a better evaluation of the relationships and dependencies between business and IT.

ARIS Platform

“ARIS is the tool to create a single, genuine source of processes and application architecture design,” stated René Zellmann, enterprise architect at The Linde Group. The immediate availability of data in the expanded enterprise repository decreases reaction time and establishes best-in-class processes. The repository also enables thorough management-level reporting with all the required information. Thanks to centrally accessible business and IT data, Linde now generates standard reports at the click of a mouse.

In collaboration with valuable expertise from certified consultants of IDS Scheer Consulting with industry-specific, enterprise architecture and product knowledge, Linde is on the right track to further get the enterprise to the target state in supporting business in the most flexible, future-proof and cost-efficient way. IDS Scheer Consulting's support in this way is to the utmost satisfaction of The Linde Group.

KEY COMPONENTS

IDS Scheer Consulting helped Linde implement the fully integrated Enterprise Architecture Management Solution, which combines the market-leading ARIS Platform along with proven methodology, best practices and valuable expertise from certified consultants.

Take the next step to get there – faster.

ABOUT SOFTWARE AG

Software AG is the global leader in Business Process Excellence. Our 40 years of innovation include the invention of the first high-performance transactional database, Adabas; the first business process analysis platform, ARIS; and the first B2B server and SOA-based integration platform, webMethods.

We offer our customers end-to-end Business Process Management (BPM) solutions delivering low Total-Cost-of-Ownership and high ease of use. Our industry-leading brands, ARIS, webMethods, Adabas, Natural, CentraSite, Terracotta and IDS Scheer Consulting, represent a unique portfolio encompassing: process strategy, design, integration and control; SOA-based integration and data management; process-driven SAP implementation; and strategic process consulting and services.

Software AG - Get There Faster

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