



Image: Energie Südbayern GmbH

# ENERGIE SÜDBAYERN

It all came down to precision in order to successfully complete the project – thanks to the professional support of SNP, we were able to get it done. It was fast, the data separation was precise, and the migration complied with all security requirements.

Sebastian Bauer, SAP Division head, Energie Südbayern GmbH

# Data Separation in Compliance with Regulations

## About Energie Südbayern

Energie Südbayern is a leading regional and nationally operating energy service provider with over 50 years of experience in the market. The business areas of the company as well as its subsidiaries and affiliates focus on energy supply, the energy trade, operating energy networks, and power generation. Around 160 000 households, 15 000 business customers, as well as numerous public utilities and distributors rely on the company's products and services – both in the company's own 20 000 sq. km network in Upper and Lower Bavaria and beyond. With its nearly 350 employees, Energie Südbayern stands for high-performance service, flexible energy products, and profound market expertise in the areas of natural gas and electricity.

Further information: [www.esb.de](http://www.esb.de)

## The Challenge

In order to ensure functional competition in the gas and electricity markets, the 'unbundling' directive (2003/54/EC) passed by the EU Commission in 2003 was designed. The aim was to separate the natural monopoly of operating the network infrastructure from upstream and downstream steps in the value chain. The tasks of operating networks as well as generating and distributing energy had to be performed by split companies.

As a result, Energie Südbayern was forced to separate its business areas of 'gas generation' and 'gas distribution', which had previously been lumped together. The business areas had to be disconnected both from a business standpoint and in terms of the technical systems. The datasets from one SAP system had to be distributed to several SAP® systems in an 'informational unbundling' process.

The unbundling presented Energie Südbayern with the difficult task of breaking up complex data constructs and adapting them to the two-system landscape. Energie Südbayern decided to extract the network division's data from the existing SAP system and transfer it to a new SAP system. The data from the distribution division was to remain in the existing system. After successfully extracting and migrating the network data, this data then had to be deleted from the source system so that it would only be a distribution system.

The German Federal Network Agency's requirement that the unbundling take place by October 1, 2010, not only presented the energy service provider with the challenge of dealing with the actual task at hand, but also with a tight deadline. Since both the network and distribution divisions relied on functional system support, there was a very narrow time frame of just 48 hours to migrate the data.

## The Solution

The various data had to be precisely defined for the separation. For this to occur, it was necessary to have a complete overview of the data volume and consider the process level in order to later model the new processes and subsequently implement them. To do this, the processes, systems, and data have to be coordinated with one another.

The quick and secure success of the project was able to be ensured primarily thanks to using the SNP Transformation Backbone® software. The network relevant master and transaction data were able to be selected and extracted from the distribution system designated as the source system. In a second step, the data was migrated to the new network system. At the same time, the network data in the source system was deleted, and the technical migration was completed in around 40 hours.

## The Advantages

- Technical migration of all data within 40 hours
- Smooth split of system data and migration to two separate SAP systems
- Auditors always had insight into the ongoing transformation and could see the quality of the system change for themselves