



SUCCESS STORY

THYSSEN KRUPP

“Thanks to SNP’s expertise, our operational system was up and running as usual during the entire project, without any limitations, for the 5000 end users at the companies in the Materials Services business area. In addition, the ERP transformation was completed in only four days, and as such, fell significantly below the target downtime of one week.”

Heiko Hüber, Chief Technology Officer (CTO), ThyssenKrupp Materials International GmbH, Information Technology Management – BA MX

High-Quality Data and Speed Benefits Thanks to ERP Harmonization

About ThyssenKrupp

ThyssenKrupp is a diversified technology and materials group headquartered in Essen, Germany, and is the country's largest steel and technology company. ThyssenKrupp currently employs over 150 000 people in approximately 80 countries. The Materials Services business area has 500 locations in 40 countries and stands out thanks to a wide range of stocked products with just-in-time deliveries as well as services tailored to client needs in the field of supply chain management.

Further information:

www.thyssenkrupp-materials-international.com/en/home

The Challenge

ThyssenKrupp's Materials Services business area faced the challenge of integrating SAP's new general ledger into several ERP systems distributed across the globe and harmonizing various reporting structures across the Group – and doing so within a short period of time. Prior to the project, reporting was geared to classic company codes, which resulted in a complex, inflexible reporting system.

The goal of the ERP transformation was primarily to be able to fulfill group-wide requirements across the globe at all locations, to simplify processes, to make solid, group-wide reporting possible, and to more quickly prepare financial statements. In addition, another goal was to increase the quality of the data and in doing so, create a single source of truth.

The Solution

As a result of a long-standing partnership and the company's expertise, ThyssenKrupp selected SNP for this project. With the help of the SNP Transformation Backbone® solution, the software company transitioned the core system for Central Europe to SAP® ERP including the SAP® general ledger. Parallel to this trans-

formation, the ledger, which had been kept in the classic financial accounting system (FI), was replaced and at the same time a document split carried out at the profit center level. SNP also made the changes for the systems in America, western and eastern Europe, as well as Asia-Pacific regions. Furthermore, the data from all the systems was extracted into a group-wide data warehouse, in doing so combining the data without changing any formats, which made it possible to gain a complete overview of all of the Group's companies.

The challenge of the project was in the sheer size of the system, based on an SAP MaxDB database with over ten terabytes of data that had to be transformed. Thanks to a solid test strategy, extensive system tests ahead of time, and the collaboration between the two companies as partners, a two week system shutdown was prevented.

Despite the harmonization, the operational system remained up and running as usual during this phase of the project, without any limitations, for the 5000 end users at the companies in the Materials Services business area. The ERP system transformation was completed over a period of four days during the 2013 Christmas season, falling well below the target downtime of seven days.

The entire project, from initial planning to determining the specific details, testing, and carrying out the ERP harmonization, only took a period of nine months. In figures, a total of 33 company codes, 4.2 million documents, and over 740 000 AI-Ops were migrated during the course of the project.

The Advantages

- Migration to the SAP general ledger simplifies processes and minimizes manual activities without requiring changes to the accounting system
- Financial statements can be prepared more quickly
- Increased data quality and automation
- Solid group-wide reporting now possible