



Manufacturing

Grundfos moves 1.9B financial records with S/4HANA migration

Grundfos migrates its 20-year-old ERP system to SAP S/4HANA, moving 25 TB of data within a 96-hour scheduled downtime window.



The challenge

Grundfos is a global water technology company and the world's largest water pump manufacturer. The company manufactures more than 16 million pumps every year, providing drinking and irrigation water and removing wastewater all over the world. Grundfos utilizes a large amount of data generated by its connected pumps to predict failures and detect leaks.

We previously worked with the company to restore Sembakkam Lake in Chennai, India. Together, Cognizant and Grundfos provided approximately \$600,000 for civil work, wastewater treatment and landscaping to rejuvenate the 100-acre lake. As a trusted partner of three years, Grundfos reached out to Cognizant to help migrate the company's SAP ECC Business Suite to ERP S/4HANA Digital Core.

The company's SAP system supports more than 19,000 employees across more than 60 countries. But the prior system—ECC 6.0—was 20 years old and lacked the ability to integrate emerging technologies such as artificial intelligence (AI), machine learning (ML), analytics, Internet of Things (IoT) and blockchain. In addition, the company wanted to connect its entire business and meet future SAP requirements.

At a glance

Grundfos, a global water technology company, needed to migrate to SAP S/4HANA after running on ECC 6.0 for 20 years. The company turned to Cognizant to help migrate its data over a 96-hour schedule during the Easter holiday. While working remotely, teams performed Grundfos' largest IT project ever.

Business benefits include:

- 25 TB of data and 1.9 billion financial records migrated to S/4HANA
- \$1 million saved by optimizing business downtime
- +1,200 obsolete custom objects removed and 6 years of financial data archived

The approach

Grundfos and Cognizant established joint, multi-level program governance, balancing control and trust with an aim to reduce risk. This enabled transparent communication and a clear outline of team roles, responsibilities and accountability. The project included more than 200 global consultants from Cognizant, Grundfos and SAP—all working remotely for the entirety of the project due to the COVID-19 pandemic.

The team performed a 24/7 SAP S/4HANA migration over the Easter holiday within the span of a 96-hour scheduled downtime window. The project's scope covered Financial Supply Chain Management, Cash Management, Business Partnerships, Settlement Management and Global Trade Services. The team used a customer-centric approach throughout the migration and involved users across more than 60 countries.

Business outcomes

Together, Cognizant and Grundfos successfully moved 25 TB of data and 1.9 billion financial records to S/4HANA Digital Core. After the company's S/4HANA migration, Grundfos has a future-ready ERP platform with better technology to support business innovation, agility and insights. In addition to staying ahead of the curve with an updated SAP platform, the migration will allow Grundfos to build new key capabilities across Digital Engineering, Data Analytics and Digital Ecosystem.

Other business benefits included:

- \$1 million saved by optimizing business downtime
- More than 1,200 obsolete custom objects removed and six years of financial data archived, causing reduced technical debt
- 10 million financial records analyzed with Robotic Process Automation (RPA)



“This is an amazing achievement as Grundfos’ biggest IT project ever. And in the spirit of future ways of working, the conversion was completed remotely.”

**Peter Munk Larsen, Senior Director,
IS Information Solutions at
Grundfos Management A/S**

About Grundfos

Grundfos is the largest pump manufacturer in the world, based in Denmark, with more than 19,000 employees globally. The company's annual production includes more than 16 million pump units, circulator pumps, submersible pumps and centrifugal pumps. For more information, visit www.grundfos.com.



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