

Case Study

# Freudenberg E-Power Systems: Streamlining the Production Process with SAP Digital Manufacturing

Freudenberg E-Power Systems is a leading global supplier of emission-neutral energy systems for heavy-duty applications. As part of the Weinheim, Germany-based Freudenberg portfolio, Freudenberg E-Power Systems has been implementing their solutions since 2013 and is present in over 60 countries.

With 3 existing, yet aging MES in place for battery system production, and none for fuel cell production, Freudenberg was looking to both ramp-up and streamline their processes for a new product line that requires mass production capabilities for battery systems. Setting the bar as a global standard for e-power, Freudenberg was looking for rapid implementation and global support capabilities, and a solution that could scale alongside their business. For these reasons, they turned to SAP and Syntax.

## Unlocking Risk-resilient Production with SAP Digital Manufacturing

### Before: Challenges and Opportunities

- 5 other entities within the Freudenberg group's portfolio report improved business process functionality after having implemented SAP solutions.
- With the upcoming launch of a new product line requiring a solid uptick in production needs, not only was SAP DM deemed the right solution for the company, but the simplified upkeep and ongoing support was also a fit for their IT strategy.

### Customer Profile

Name:
**Freudenberg E-Power Systems**

Location:
**München, Germany**

Industry:
**Manufacturing**

Products and services:
**E-power systems**

Featured solutions:
**SAP Digital Manufacturing**

*"Our implementation partner for DM, Syntax brought in DM product expertise and supported us with knowledge on machine and ERP connectivity. Syntax is able to offer a global support concept and can provide local resources in the regions we operate."*

**Christian Hense**
SVP Information Technology
Freudenberg E-Power Systems



## Why SAP and Syntax?

- SAP DM proved to deliver additional state-of-the-art functionality to Freudenberg E-Power's already modern tech stack. Since they were already leveraging SAP S/4HANA, the new solution would integrate seamlessly.
- Syntax's extensive manufacturing expertise brought much more than solution implementation know-how to the table. The Syntax team was able to share knowledge of ERP & Machine connectivity, enabling the company to develop new production models.

## After: Value-driven Results

- Successful go-live in Sept 2023 with full, seamless integration with Freudenberg E-Power's SAP ecosystem.
- Increased output and waste reduction thanks to uniting multiple systems with standard-based interfacing.




## About Syntax

Syntax provides comprehensive technology solutions and trusted professional, advisory, and application management services to power businesses' mission-critical applications in the cloud. With 50+ years of experience, 900+ customers, and 2,700 employees around the world, Syntax has deep expertise in implementing and managing multi-ERP deployments in secure private, public, or hybrid environments. Syntax partners with SAP®, Oracle, AWS, Microsoft, and other global technology leaders to ensure customers' applications are seamless, secure, and at the forefront of enterprise technology innovation.

## Discover more at:

- **syntax.com**
- **hello@syntax.com**

SAP Platinum Partner

© 2025 Syntax