

Federal Mogul: Digitalizing Business and Manufacturing Processes for Increased Agility to Innovate at Pace

A leading producer of original equipment and spare parts in the automotive industry, Federal Mogul Powertrain Otomotiv A.Ş. manufactures the technology that lies at the heart of prestigious vehicle brands such as Mercedes-Benz, Bentley, Caterpillar, MAN, Nissan, and many more. The company operates three manufacturing sites in Turkey, with 80% of its production output exported to Europe and the United States.

Amid increasing volatility and uncertainty in the market, Federal Mogul recognized it needed more agility and flexibility to meet fast-changing customer needs. To get there, Federal Mogul committed to a **cloud-first digital transformation**. Its strategy involved digitalizing its manufacturing execution system and migrating its on-premise business landscape to advanced ERP in the cloud.



Increasing Productivity and Competitiveness Using the RISE with SAP Offering and SAP S/4HANA® Cloud



Before: Challenges and Opportunities

- Standardize production, purchasing, logistics, and finance processes across the enterprise
- Digitalize operations, allowing production processes to be traced and enabling access to data and insights for more-informed decision-making
- Lay the foundation for the adoption of intelligent technologies, including machine learning and AI

Why SAP and Movilitas Consulting

- Alignment with cloud-first vision and 20-year investment in SAP® software, preparing the way for a migration from the SAP ERP application to SAP S/4HANA® Cloud
- Modern and flexible cloud-based architecture offered by SAP S/4HANA Cloud, private edition
- Simplified and cost-efficient path to digital transformation in the cloud using the RISE with SAP offering
- Automotive-specific and connected business processes across manufacturing operations, with Movilitas orchestrating the implementation of the industry cloud solution SAP Digital Manufacturing Cloud
- High-speed, advanced analytics enabled using the SAP Data Intelligence Cloud solution

After: Value-Driven Results

- Successfully moved its on-premise landscape to advanced ERP in the cloud, harmonizing and optimizing business processes, helping to enhance performance and boost operational efficiencies
- Gained visibility across all plants by connecting business systems to shop-floor equipment
- Reduced complexity in its technology landscape and realized cost savings
- Established one source of data truth and enabled rapid decision-making with access to real-time data

“Thanks to the RISE with SAP offering, our business has moved into the fast lane. By **harmonizing our operational and manufacturing processes** on SAP S/4HANA Cloud, we’ve lifted efficiency and are now more agile, with the flexibility to meet fast-changing market needs.”

Teoman Paylar, CIO, Federal Mogul Powertrain Otomotiv A.Ş.

100%

Of mission-critical back-office processes automated

100%

Traceability in manufacturing processes achieved

Featured Partners



Federal Mogul Powertrain Otomotiv A.Ş.
Izmit, Turkey
www.federalmogul.com.tr
(Turkish)

Industry
Automotive

Products and Services
Automotive components including pistons, gaskets, and camshafts

Employees
>2,000

Featured Solutions and Services
RISE with SAP S/4HANA Cloud, private edition; SAP Digital Manufacturing Cloud; and SAP Data Intelligence Cloud

THE BEST RUN

