

Bharat Fritz Werner Limited enhances SAP for improved data accuracy and configuration efficiency



Client profile

Bharat Fritz Werner is a global advanced manufacturing company headquartered in India. For over six decades, they've produced the highest quality CNC machines.

They serve multiple sectors across industries including aerospace, automotive, electronics and medical engineering.

Operating in 15 countries, they've recently expanded into Europe to enhance the service they provide to their global customers.

Bharat Fritz Werner Limited (BFW), a leader in the machine-tool industry, needed to modernize their outdated SAP platform. With a greenfield implementation of SAP S/4HANA, delivered by NTT DATA, they improved productivity, data management and operational efficiencies as well as budget and inventory control.

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The new SAP S/4HANA system made our business expansion seamless. Whenever we had questions or needed guidance, NTT DATA's support was invaluable, establishing them as a trusted partner in our growth and success.”

Vijayakrishna Iyengar

Associate Vice President – IT, Bharat Fritz Werner Limited

Business need

ERP modernization for operational efficiency

Bharat Fritz Werner Limited (BFW), a leader in the machine-tool industry, needed to modernize their SAP platform, which had been in use since 2008. As the organization expanded and operations became more complex, the outdated system struggled with scalability and accuracy, resulting in unreliable data and limited reporting capabilities.

They required a solution that would eliminate inefficiencies in operational workflows, enhance visibility of critical business metrics and enable more strategic decision-making across departments. The solution would also need to provide agility to support future growth.

To achieve these outcomes, BFW decided to upgrade to the latest version of SAP and optimize their processes to improve reporting capabilities as well as the accuracy of their master data.

By migrating to a modern SAP version, BFW would be able to unlock advanced data management tools, streamline processes and drive overall operational excellence, positioning itself to better meet the demands of a rapidly evolving market.

Solution

Tailored solutions for optimizing BFW's SAP system

To tackle BFW's operational challenges, NTT DATA collaborated with the BFW team to assess their existing SAP environment and evolving production needs. Based on these insights, a greenfield implementation of SAP S/4HANA was proposed to enhance process accuracy and enable advanced data analysis.

Key elements of the solution included the deployment of the SAP Master Data Management (MDM) tool to organize and cleanse data, and the introduction of the SAP Fiori Apps Reference Library to boost employee productivity.

We also recommended business intelligence dashboards for real-time reporting, Variant Configuration for managing complex customer requirements for individual CNC machines, and QR code scanning via tablets to improve inventory tracking.

To minimize up-front costs and support future growth, the entire solution was designed to be delivered as a managed service.

“ Even with the pandemic throwing us curveballs, NTT DATA kept us on track. We wrapped up the project successfully, all thanks to their innovative approach and professionalism.”

Vijayakrishna Iyengar

Associate Vice President – IT, Bharat Fritz Werner Limited

Outcomes

Upgrades for enhanced operations

BFW significantly enhanced their business capabilities with the new SAP S/4HANA system.

The upgrade delivered several benefits:

- **Streamlined operations**

By integrating SAP best practices, BFW has been able to refine their processes, making operations more efficient and aligned with business goals. This approach enables them to adapt to market demands and has boosted overall productivity.

- **Accurate data management**

By using the MDM tool, BFW has access to cleaner, more accurate data. This makes production schedules and sales commitments more reliable and supports better decision-making.

- **Efficient cost tracking**

SAP Variant Configuration provides a critical advantage by enabling BFW to track and manage the costs of their complex CNC machine production.

- **Insightful reporting**

SAP Business Intelligence dashboards deliver real-time insights, enabling management to make informed decisions swiftly, while enhancing strategic planning and responsiveness.

- **Flexible financing**

NTT DATA's managed service model helped BFW avoid large up-front costs and allocate resources more effectively, allowing them to invest in other critical areas while maintaining financial control.

- **Scalable future growth**

The scalable design of the SAP S/4HANA system means BFW is prepared for future expansion and will be able to manage complex products seamlessly as demand rises.

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