

CUSTOMER SUCCESS

BMW Upgrades to SAP S/4HANA Faster with smartShift

smartShift's Intelligent Automation Platform drives future innovation

Outcomes

"Special thanks to my teams from BMW IT/Business and smartShift for all their efforts in 2018 making this pioneer work happen."

– Martin Krüger, BMW Project Manager

"We utilized our automation platform and service to accelerate the conversion and align all custom processes to function and perform on the new S/4HANA platform. The conversion was handled in the known smartShift speed and quality and enabled BMW to massively reduce freeze times for other projects"

– Arndt Hoffmann, smartShift EVP & GM
Global SAP Practice

BMW, founded in 1916 to produce aircraft engines, is a German multinational company which produces luxury vehicles and motorcycles under the brands BMW, Mini and Rolls-Royce. As they looked towards transitioning to S/4HANA, they saw the need for automation to accelerate and de-risk their digital journey. Based on many years of collaboration, BMW knew that smartShift had the expertise to make it happen.

BMW chose smartShift to transform and optimize their Warranty and Technical Campaign system's custom code in order to accelerate its conversion to S/4HANA. As the first such project, its success enabled BMW to continue a global modernization effort to leverage the innovation, performance and flexibility of the S/4HANA platform.

The project is part of a multi-year collaboration between BMW Group and smartShift in which BMW deploys smartShift's platform and services, using an agile migration factory approach, to automate the digital transformation and management of BMW Group's global portfolio of ERP systems.

Challenge

- Business critical system for global warranties handling
- Legacy system with huge amount of unused code
- High pace of continuous custom development reduced options for development freezes
- Parallel project for compliance with new vehicle identification numbering required complex dual-maintenance

Project Scope

- 20k+ Custom Objects in scope
- 5K+ HANA and S/4HANA Code Compliance issues fixed
- 6K+ HANA Performance Optimization issues addressed
- 51K+ Stability, Architecture, Maintainability and Security issues addressed
- 5000+ unused objects (650K+ lines of code) safely and automatically decommissioned

smartShift Result

- Full S/4HANA custom code remediation in 4 weeks
- Full sandbox transformation with multiple automation-enabled retrofit cycles reduced development freeze to a minimum
- Successful first project lays the groundwork for ongoing global rollout of S/4HANA
- Implementation of first custom Fiori processes