

# Precision, performance, production: Seamless SAP S/4HANA migration at BMW Group

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# SNP drives successful SAP S/4HANA rollout at BMW Group Plant Regensburg

As part of its global transformation strategy, the BMW Group implemented the program "Prozesskette Teile (PKT)" aimed at harmonizing logistics processes and transitioning from SAP ECC to SAP S/4HANA for its plant in Regensburg. SNP played a key role in the project by enabling a complex and time-critical transformation. Leveraging Kyano CrystalBridge® and more than 150 customized Validate reports, SNP helped to ensure data integrity, reduce downtime, and support a smooth transition while maintaining production operations. This successful project serves as a reference for future rollouts.

The result was a smooth go-live completed on time, a higher vehicle output than expected during the ramp-up phase, and a scalable process architecture ready for global deployment. This project proves that even the most complex SAP migrations can be completed on time and without disruption – when collaboration, precision, and innovation align.

## The challenge: transforming complexity into scalable innovation

In response to SAP's technology shift and the phase-out of SAP ECC, SNP supported the PKT program – a strategic initiative to standardize logistics processes and reduce system complexity. With its extensive experience in complex transformation projects, SNP enabled a future-ready SAP S/4HANA landscape for one of the world's leading automotive manufacturers. The critical go-live required maximum precision and reliability – expectations SNP met with tailored tools, proven methodology, and a deep understanding of production-critical systems.

### The stakes are high

- Successful transformation implemented at BMW Group Plant in Regensburg
- New logistics and warehouse processes live for several thousand employees
- Fixed go-live window with zero tolerance for delays or disruptions

### Key challenges

- Transition from ECC to SAP S/4HANA within strict time and budget constraints
- Avoidance of production downtime ("lost units")
- High expectations for test migration quality and data integrity
- Business-critical risk of impacting ongoing production schedules

## The solution: tailored tools, proven processes, trusted partnership

SNP supported BMW Group with its transformation solution Kyano CrystalBridge, using:

- Migration Cockpit (MC) for a precise data migration
- Kyano Validate for automated test validations and reporting

SNP developed over 150 custom Validate reports tailored to BMW Group's specific needs, continuously refining them through multiple test cycles. This significantly increased transparency and reduced manual efforts. Drawing on classic project management, a joint cutover plan and close collaboration across Finance, Logistics and EWM, SNP ensured fast responses to change requests through modular Validate logic. This approach enabled a reliable and flexible migration process, even in the sensitive EWM area.

## The project: structured execution meets unrivaled precision

The PKT migration program was not just a technical upgrade, but a highly coordinated enterprise initiative. By aligning IT execution with operational priorities, SNP created a shared roadmap with clear milestones, strict governance, and transparent task tracking together with BMW Group. The result was a seamless transition from SAP ECC to SAP S/4HANA at the Regensburg plant, which was the first high-volume plant in Germany moving successfully to digital production logistics.

# Successful IT migration ensuring business continuity

Managing a transformation of this scale and complexity demands reliability, precision and comprehensive expertise. At the Regensburg plant, SNP assumed full responsibility – from planning to execution – enabling a go-live without disrupting production. Our tailored validation approach combined with close collaboration on-site ensured that the migration was completed on time and within budget. For us, this project sets a benchmark for future production-critical transformations.

Stefan Settele, Manager Project Management at SNP Group

## The result: fast ramp-up, full control, real business value

The SAP S/4HANA migration at BMW Group Plant Regensburg was completed on time during the yearly production pause, ensuring a smooth go-live and simultaneous maintenance work on critical machinery. Downtime was reduced from 60 to just 45 hours, allowing for a faster ramp-up and an even higher vehicle output during the start-up phase than planned. Beyond operational success, the project created a scalable, harmonized process landscape ready for global rollout.

## The SNP advantage

- **Transparency & decision-making**  
150+ custom Validate reports enhanced transparency and traceability, enabling faster decisions and efficient issue resolution across teams.
- **Data quality & operational reliability**  
Clean, validated data across Finance, Logistics, and EWM ensured operational reliability and minimized downstream errors, especially in the sensitive EWM area.
- **Fast testing & adaptation**  
Automated validation and modular logic reduced manual testing efforts and accelerated change validations. Fast response to change requests enabled a reliable and flexible migration process.
- **Downtime reduction**  
Cutover completed in 45h (instead of 60h), enabling faster production ramp-up.

## Key lessons learned

- **Automated validation is critical**  
The intensive use of Kyano Validate revealed the need for further automation to reduce manual efforts during repetitive test phases.
- **Flexibility is a must**  
Requirements evolved after each test cycle. A modular validation logic was key to quick adjustments and quality assurance.
- **Joint planning drives control**  
A shared cutover plan provided structure and clarity, allowing both teams to coordinate detailed activities across technical and business layers.
- **Communication equals confidence**  
Transparent updates between SNP and BMW Group increased trust and enabled quicker decisions in high-pressure situations.

## The partnership: trust, expertise, and alignment

SNP and BMW Group maintained trust, clear roles, and open communication, focusing on production continuity and data integrity. SNP's expertise and proactive approach ensured a smooth alignment based on regular meetings and a joint cutover plan. This strong partnership enabled BMW Group to successfully manage a complex migration with full transparency and control.



**Project type**  
SAP S/4HANA migration



**Downtime**  
Planned: 60h / Actual: 45h



**Duration**  
April '23 – January '25



**Systems and modules**  
1 legal entity, 1 production site;  
PP, PM, QM, SD, MM, FI, CO,  
EWM



**Technologies used stack**  
SAP S/4HANA,  
Kyano CrystalBridge® – MC &  
Validate



**Data volume**  
1.53 billion records