

How smartShift enabled a seamless S/4HANA transformation for medical devices manufacturer **PARI** - in record time and with 100% precision!

Highlights

Results

- Massive program acceleration through automation
- Reduced testing efforts because of 0 error transformation
- Limited system freeze through automated dual maintenance
- Transparency and auditable documentation of all changes
- Developers freed up to focus on strategic priorities

Key Project Facts

- Grand total of 6.165 custom code objects of various types
- 29k issues in coding addressed for HANA and S/4HANA compatibility, S/4HANA Performance, ABAP Modernization, Stability & Resilience
- Custom Code Transformation of the Development system completed within 13 working days
- 11 months of automated dual maintenance to limit the system freeze in ECC; 1.638 objects retrofitted
- 100% precision, 0 errors reported

About PARI

PARI was founded in Wuppertal in 1906 and has progressed during its more than 100 years of company history from a small manufacturer to a globally respected specialist in respiratory therapy. As a manufacturer of medical devices with a focus on respiratory therapy, PARI has been the brand to trust for doctors, pharmacists and patients, for many decades. Continuous development and steady growth enabled PARI to expand their market leadership in Germany for equipment, saline solutions and respiratory aids. PARI is the global market leader in the field of nebuliser devices for cystic fibrosis.

Challenges

To provide an SAP system landscape able to react to future challenges, PARI planned to transform its existing SAP ECC System to S/4HANA.

Depending on the process and the realizable business benefit, PARI's followed a hybrid transformation approach. In previously defined areas with the greatest business benefit, processes were rethought, e.g. with the introduction of embedded Warehouse Management (eEWM), while in other areas the existing processes were technically transferred to S/4HANA.



“smartShift was instrumental in our successful S/4HANA transformation. Due to their turn-key approach and industry-leading precision, our teams were freed-up to focus on other aspects of the transformation. In addition, the smartShift automation provided us with the transparency and auditable documentation of all changes we require as a manufacturer of medical devices with validated systems.”

Edgar Oßwald,
Head of IT & Digitalization



Transparency and auditable documentation of all changes during the transformation was key for PARI: As a manufacturer of medical devices, the PARI S/4HANA system landscape is fully validated according to ISO 13485, 21 CFR and EU-GMP.

Keeping the frozen zone as short as possible (< 3 weeks) was also very important for PARI, as the IT team wanted to minimize the business impact during the S/4HANA transformation. PARI also wanted to keep the project overhead as small as possible to allow the PARI IT Team to focus on tasks where internal Know-How is critical.

Solution:

With these challenges in mind, PARI turned to smartShift for the custom code workstream of the S/4HANA transformation. After a thorough analysis of the system, smartShift utilized its automation platform to assure compliance of all custom objects with new S/4HANA standards and to optimize the legacy code to work stable, secure and performance in S/4HANA. smartShift also provided 11 months of automated dual maintenance to limit the system freeze in ECC and synchronize the systems.

Results

The project was a full success. The ambitious S/4HANA transformation was delivered on time, in quality and on budget. smartShift delivered in record speed ready to use outcomes with extreme high quality that were directly consumed by the departments during testing.

Efforts for system validation and documentation were significantly reduced through the automated approach. Coordination and testing efforts were minimal, so that PARI internal teams were able to focus on other workstreams. smartShift’s Dual Maintenance solution was key to minimize business critical code freezes to PARI’s system!