

Migrating a global manufacturer from a customized SAP ECC landscape to S/4HANA

Client

A global manufacturer of containment and delivery systems for injectable medicines.

Company Size

8,200+ employees

Location

Global

Featured Partners



A leading global manufacturer of containment and delivery systems for injectable medicines operated a highly customized legacy SAP ECC landscape across 50 locations and 25 manufacturing facilities, producing more than 100 million components daily. The organization needed to move to SAP S/4HANA while sustaining regulatory and validation readiness and avoiding disruption to its manufacturing operations.

Marlabs deployed a dedicated SAP S/4HANA migration team that standardized processes across Europe, the Middle East, and Africa executed a brownfield conversion and ran mock migration cycles to de-risk cutover. The client returned to business as usual within five weeks of go-live. The client also relies on Marlabs for continued application support alongside later migration waves.



Migration &
Re-Platforming



Data Migration



Data Quality



Implementation
& Integration

The Challenge: A highly customized legacy ECC landscape slowed processes across a global footprint



Objective: Migrate to SAP S/4HANA across a multi-site, multi-geography footprint with minimal business disruption.



Existing Issues: Inconsistent processes and unharmonized master data spanned plants, products, and suppliers.



Solution Needed: A dedicated migration team executed a brownfield conversion with standardized regional processes.



Outcome: The client reached a stable, business-as-usual environment within five weeks of go-live.



The client ran a highly customized legacy SAP ECC landscape across 50 locations and 25 manufacturing facilities worldwide.

Fragmented master data and inconsistent processes made it hard to standardize operations while sustaining regulatory readiness.

The Solution: A phased brownfield conversion from SAP ECC to S/4HANA

Marlabs deployed a dedicated migration team to convert core processes with minimal disruption. We standardized record-to-report, procure-to-pay, master data, order-to-cash, and supply chain processes.

Phase 1: Readiness Assessment & Roadmap

We ran system readiness and simplification item analysis to scope remediation.

Workstreams:

- System readiness analysis
- Custom code remediation scoping
- Wave plan definition

Phase 2: Brownfield System Conversion

Marlabs converted finance, supply chain, manufacturing, and sales processes to SAP.

Workstreams:

- New GL conversion
- Universal Journal conversion
- Business partner conversion

Phase 3: Mock Migration Cycles

The team ran multiple mock conversions with production volumes to derisk cutover.

Workstreams:

- Production-like data volumes
- Downtime window tuning
- Cutover de-risking

Phase 4: Data Migration & Reconciliation

Marlabs cleansed, mapped, and loaded data using SAP Migration Cockpit with full reconciliation.

Workstreams:

- Master data cleansing
- Transactional data loading
- Reconciliation and sign-off

Phase 5: Cutover & Hypercare

The team managed go-live cutover and hypercare stabilization with a support team sustaining later waves.

Workstreams:

- Fiori rollout
- User enablement
- Hypercare stabilization

Services and Technologies Used:

Services:

- Migration & Re-Platforming
- Implementation & Integration
- Data Migration
- Master Data Management
- Data Quality
- Business Needs Analysis
- Enablement

Technologies:

- SAP ECC
- SAP S/4HANA
- SAP Fiori
- SAP Migration Cockpit
- Universal Journal

The Results: Impact on the client organization

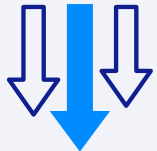
The migration streamlined operations across every country in scope while reducing complexity and cost. The client reached a stable, business-as-usual state within five weeks of go-live with Marlabs continuing to provide application support alongside later migration waves.



Streamlined Global Processes: The client standardized consistent processes across every country in scope.



Leaner Documentation: The client cut operating procedure documentation by 80%.



Fewer Transaction Codes: The client reduced its SAP transaction codes by around 70%.



Fast Stabilization: The client reached a business-as-usual environment within five weeks of go-live.



Simplified Landscape: The client simplified its landscape, reducing custom code and lowering run costs.