

SAP S4 transformation enables centralization and maximization of business performance for a global leader in battery recycling

About the client

The client is a world leader in lead recycling and distribution of energy storage solutions. Their vast network features 13 smelters across three continents with an average annual output of a million tons of lead apart from other metals. The company offers premium services, including in-depth consultancy from industry experts on recycling and metallurgy. It actively supports the global energy storage industry with value-added research and significant initiatives to drive toward a greener and more sustainable future.



**Headquarters
USA**



**Industry
Mining,
Chemicals**

Business needs

The organization wanted to move to a global SAP business platform to leverage scale, gain a single view of its supply chain and customers, and further its sustainability strategy by reenvisioning its global business processes. The objective was to build a comprehensive end-to-end ERP solution, including designing the Company Code structure and leveraging the SAP S4 platform to create a new global business template.

As the partner in transformation, YASH Technologies strategized with the client in designing a cross-functional and scalable solution with a calibrated multi-year rollout that would allow seamless global adoption. We deployed a highly skilled team with domain expertise in the process (re) design and development, data migration from legacy systems, and technical integration.

Objectives

- Integration of various businesses across the USA and EU under one ERP
- Business model innovation - Redesign the Company Code Structure and leverage the S4 Platform for building a new Global Template for the company
- Single-unified face to the end customer

Key technologies

- SAP S4, RISE, SDI

Laying the framework for the organization's future on SAP S/4HANA

The SAP S4 Transformation project was much more than just simplifying the organization's business processes. Apart from integrating various businesses across the US and Europe under one ERP, developing a future-ready framework that simultaneously leverages current best business practices was pivotal to the client's needs.

The project required large-scale data migration, system design, and re-engineering of critical business processes. It was crucial to migrate source data into the new system without compromising its history and integrity while delivering cost savings across all business areas.

YASH, with its in-depth industry-functional and technology advisory, and expertise in Greenfield and Brownfield implementations, transformed the client's business processes allowing them to drive innovation@scale and be future-ready.

Solutions

- Design and develop a global template with the new company code structure
- Configuration of all legal entities based on a best practice approach
- Adopt a centralized purchasing organization
- Building all supply chain and financial processes considering S/4HANA best practices and ECC processes gaps identified during the requirement gathering workshops
- Lift and Shift the customized program from ECC for critical processes to S/4 HANA
- Extract, Cleanse and Upload data in S/4 HANA
- Built integrations with 3rd party applications viz Bank, Infor, Belline, Web load for distance calculation and freight calculation, Prophecy, LME integration for daily metal pricing, etc
- Redesigned SAP Security roles from the current ECC system with a hybrid approach of GUI T-Codes and Fiori for mandatory and analytical transactions





The YASH differentiators

Advisory, Expertise, Approach, Delivery, and Program Management

YASH understood the client's exact requirements given the strong relationships and interactions with business and IT stakeholders across the organization. As business process simplification and "future-readiness" was necessary, YASH deployed its advisory team to help develop the most suitable business processes. YASH SAP functional and technical experts worked consultatively with customer teams to select the best implementation approach that addressed pain points and aligned with the customer's business needs. The implementation done by YASH was derived from the global template considering regional markets and localizing to the EU business requirements. The solution was successfully deployed across multiple locations generating significant savings and simplifying critical business processes within the company.

“ Customer quote

SAP implementation is no easy task for a global organization of our size and scale. We needed a partner who could provide flexibility in its implementation roadmap, harmonization of data across the organization, and the ability to deliver the project on time while achieving business continuity. YASH Technologies not only addressed all these requirements but also delivered beyond expectations.”

Driving consistency and visibility across the board

This seamless and highly successful SAP S/4HANA implementation resulted in substantial benefits for the client, including solid ROI, reduced costs, and improved processes, across 21 Company Codes and more than 15 plants, including four manufacturing plants, warehouses, and R&D locations. The implementation positively impacted Commercial Purchasing, Commercial Sales, Operations, and Finance departments.

Identifiable and quantifiable business impact

- Improved visibility of all aspects of the business, giving stakeholders the information and insights that they need
- The rapid implementation approach helped drive consistency across plants and functions
- The SAP Extended Warehouse Management capabilities activated for each plant are turning out to be a game-changer
- Centralized Controlling area, Chart of Accounts, Purchasing Organization; enabling seamless business
- Enabled 1-1 mapping for Sales Organization for manufacturing plants, making business workflows more straightforward and efficient

For more information contact YASH today at info@yash.com or visit www.yash.com

Global Presence

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