

SAP S/4HANA Digital Transformation for a Modern CPG Manufacturing Facility

A globally recognized hydration brand, experiencing rapid expansion across North America, set out to meet rising demand through the construction of a new, state-of-the-art U.S. manufacturing facility. Backed by a \$400 million investment, the facility was designed to support highly automated, large-scale production and required a modern ERP platform capable of enabling seamless end-to-end operations.

To support this transformation, the client engaged Clarkston to help deploy SAP S/4HANA as the digital backbone for the new facility. Working in close collaboration with the client's global IT organization, Clarkston played a key role in executing the implementation using a global template while ensuring alignment with the operational needs of a U.S.-based CPG manufacturing environment.

Our team supported the implementation across design, technical, and functional workstreams, as well as testing, training, and change management. This included enabling end-to-end capabilities across production planning (PP), manufacturing (MFG), and plant maintenance (PM); extended warehouse management (EWM) and broader supply chain operations; finance and controlling (FI/CO), including asset management and product costing; as well as sales and distribution (SD), procurement and materials management (MM), quality management (QM), master data governance, and supporting ABAP development.

Delivered on time and on budget, the implementation equipped the new facility with an integrated, scalable platform to support automated manufacturing and efficient operations from day one.

Consumer Products Case Study

PROJECT OVERVIEW

INDUSTRY



Beverage

PRODUCTS AND SERVICES



Hydration Products

PRIMARY OBJECTIVES

- Deploy SAP S/4HANA leveraging the parent company's global template across finance, procurement, and supply chain functions
- Identify gaps between the global template and the new facility's requirements and define solutions to close those gaps
- Propose the best-fit ERP business process for the new plant

RESOLUTION

- Conducted interviews with key counterparts to understand current process in parent company's plant
- Identified the gaps and changes required to adapt the solution for the U.S. facility
- Designed improved business process flows in Signavio to help visualize and validate workflows for the new plant
- Collaborated with teams from different interfaces to ensure seamless process across supply chain functions
- Designed the system to support future production needs and automation goals

KEY BENEFITS

- Replaced pharma-focused processes with CPG-appropriate workflow, minimizing unnecessary steps and enhancing operational efficiency
- Improved production readiness with clearly defined process governance, validated Signavio workflows, and system configurations



KPIs

- Created and presented 60+ business process flows in Signavio to align new process with key stakeholders
- Established a core SAP foundation, supporting interfaces to streamline operations
- Provided knowledge transfer to key stakeholders
- Successfully delivered against all modules (design, functional, testing, training, and change management), including production planning, extended warehouse management, FICO (assets, costing), plant maintenance, manufacturing, sales and distribution, procurement and materials management, master data, and quality management

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