CASE STUDY



techwave

DIGITAL TRANSFORMATION OF A CATALYST PRODUCTION PLANT WITH SAP S/4 HANA IMPLEMENTATION

About Client

A leading global Chemical manufacturer recently divested one of its key Catalyst chemical manufacturing plants in the Netherlands, resulting in the establishment of a new venture. This innovative enterprise specializes in production and supply of high-quality catalysts, including natural oils into both edible fats and essential ingredients for the personal care to various chemical producers across diverse segments of the industry. Over the last decade, the site has seen substantial modernisation efforts, including the addition of a new warehouse, an on-site wastewater treatment plant, a dedicated DeNOx facility for FT plants, and significant investments in production technology.

Established in 2004, Techwave is a global end-to-end IT services & solutions company, which develops long-term relationship with clients by leveraging unique delivery models and expert frameworks.

Business Vertical:
Chemical Manufacturing

Company Size:
New venture with over €100 million investment in modernisation

Region: Europe

Key Challenges:
S/4 HANA Implementation, Legacy system limitations, Team reorientation and Training

Executive Summary

In 2022, in anticipation of its formal establishment as an independent entity, the facility partnered with Techwave to lead a comprehensive digital transformation initiative. During the partnership, entailed offering SAP expertise across modules such as IT CarveOut, MM, SD FICO, PP, QM, Basis, and Security. Concurrently, Techwave led the S/4 HANA Greenfield Implementation, overseeing the entire project. This involved successfully implementing SAP S/4 HANA 2022 and constructing the IT infrastructure with seamless data transfer.

In this transformative phase, Techwave played a pivotal role in orchestrating the digital transition for the newly formed venture. The team successfully implemented SAP S/4 HANA 2022 and meticulously constructed the entire IT infrastructure. This encompassed seamless data transfer and the implementation of SAP S/4 HANA, marking a significant achievement in this unique project. Notably, Techwave assumed responsibility for managing the complete IT landscape, overseeing the transition from the parent organisation, and playing a key role in establishing the SAP S/4 HANA environment. This comprehensive approach, including the timely sale of requisite S/4 HANA licenses within the Transition Service Agreement (TSA) period, not only showcased Techwave's expertise but also laid the foundation for a lasting partnership with the client.

Client Challenges

The client needed a prompt and efficient SAP technology partner in their S/4 HANA implementation journey. Here is the list of the client's challenges:

Transitioning from Legacy Systems:

The client functioned within the traditional SAP ECC 6.0 system. The reliance on the global central component system posed significant limitations on operational flexibility and efficiency, necessitating a shift to a more advanced, autonomous IT infrastructure.

Navigating a Tight Transition Timeline:

The divestiture mandated a rapid establishment of an independent IT environment, incorporating a new SAP application within a narrow TSA period, a task fraught with complexity and urgency.

Upskilling for Technological Advancement:

The existing workforce, accustomed to the functionalities of the SAP ECC system, faced a steep learning curve. Ensuring their smooth transition to SAP S/4 HANA’s best practices was imperative for operational continuity and growth.

Techwave Strategy and Solution

After understanding the client's current and future business requirements, Techwave provided the following solutions:

IT Infrastructure and SAP S/4 HANA Implementation:

Deployed a unified IT infrastructure tailored to the new company's specific needs, alongside the Greenfield implementation of SAP S/4 HANA 2022 with FI, CO, SD, MM/WM, PP, QM, and PM (integrated with Maximo) using the SAP Activate methodology. This setup supported complex processes in process costing and profitability analysis and integrated handheld devices for warehouse operations.

Comprehensive Training Program:

Developed and executed a detailed training program to familiarise the existing team with SAP S/4 HANA's best practices, ensuring a smooth transition from the legacy system.

Ongoing Support and Optimization:

Provided continuous support and enhancements for the SAP S/4 HANA application, ensuring operational excellence and the flexibility to adapt to future needs.

Business Impact

Techwave's SAP specialists developed enhancements to meet the client's needs and provide consistent support during their S/4 HANA journey. We facilitated the following:

Unified IT Service Provider:

Established Techwave as the single point of contact for all IT-related requirements, streamlining operations and support.

Seamless IT Transition:

Achieved a seamless transition to the new IT infrastructure, ensuring that operations were supported from day one post-divestiture without any disruptions.

Empowered Operations with SAP S/4 HANA:

The successful implementation of SAP S/4 HANA significantly enhanced operational capabilities, enabling more efficient and scalable processes.

Tech Stack : SAP S/4 HANA 2022

Why Choose Techwave?

As a certified SAP Gold Partner specializing in Cloud and Infrastructure Operations, Hosting Operations, and SAP HANA Operations, Techwave is globally recognized and trusted. With authorisation to sell Rise with SAP S/4 HANA, Private Edition, and Public Cloud, we offer strategic services, including S/4 HANA assessment, Trial-as-a-Service, Health Checks, and flexible Proof of Concept solutions tailored to your unique goals. Our execution services support Greenfield, Bluefield, or Brownfield S/4 implementations, optimizing capex investments for global rollouts and seamlessly integrating with other SAP Digital Core services, including SAP CX, Ariba, IBP, and SAP Analytics.

Techwave is not only driving the operational efficiency and innovation for these businesses, but also navigating the complexities of the contemporary business environment with agility and precision.

As your trusted advisor, Techwave ensures maximum value from SAP investments, delivering affordable solutions with clear ROI for your intelligent business journey.

DISCOVER TECHWAVE:

Your gateway to transformative IT and engineering expertise. As a global frontrunner since 2004, with roots in Houston, Texas, we guide the world's leading businesses on their digital journeys. Our offerings span Enterprise Solutions, Product Engineering, RPA, Advanced Analytics, AI/ML, and IoT. Techwave's global presence, highlighted by 3,000+ experts across 11 countries, underscores our commitment to innovation. Proudly CMMI Level 5 and ISO 9001:2015 certified, we stand synonymous with excellence.



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