



Techwave Established in 2004, 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.

From Legacy Workflows to a Future-Ready SAP Digital Core for a Global Healthcare and MedTech Enterprise

About Client

The client is a leading global healthcare and MedTech enterprise focused on innovative medicine, medical devices, pharmaceuticals, and diagnostics. As part of its enterprise transformation journey, the organization launched a multi-year SAP S/4HANA transformation program to modernize and harmonize transactional processes into a standardized ERP system.

The program was aimed at improving operational efficiency, simplifying the IT landscape, addressing end-of-life system risks, and building a scalable digital foundation for future business growth.

Vertical

Hospital & Healthcare

Region

North America

Key Challenges

Manual process dependency

Delayed approvals

Duplicate data entry

Fragmented workflows

Global process alignment

The need for scalable SAP transformation



Executive Summary

The client needed to transform legacy manual processes into digital workflows while improving operational efficiency, process automation, data accuracy, and business responsiveness across global operations.

Techwave partnered with the client to deliver SAP S/4HANA and SAP BTP-based solutions aligned with business requirements. The engagement included RICEFW development, SAP Build Process Automation, SAP Build Apps, reusable BTP services, API-driven integration, and cloud-ready extensibility.

Through this collaboration, Techwave enabled seamless end-to-end process integration across key business areas, strengthened system integration, reduced manual effort, improved user productivity, and supported the client's digital transformation objectives with scalable, upgrade-ready SAP technologies.

Business Challenges

Delayed Approval Cycles

Lengthy approval turnaround times impacted decision-making speed and reduced overall business responsiveness.

Global Process Alignment

The client needed to ensure alignment with global standards in healthcare systems while supporting collaboration between functional and technical teams across diverse locations, cultures, and time zones.

Manual Process Dependency

The client relied on legacy manual processes that increased operational effort, slowed business execution, and limited process efficiency across key workflows.

Duplicate Data Entry

Data entry across multiple systems created duplication, increased reconciliation effort, and affected the accuracy of master and transactional data.

Scalability and Upgrade Readiness

The organization required scalable, cloud-ready SAP solutions that could support continuous innovation, rapid business expansion, and future ERP upgrade cycles.

Techwave's Strategy & Solution



SAP S/4HANA and SAP BTP-Based Development

Techwave designed and delivered RICEFW solutions aligned with business requirements, leveraging SAP S/4HANA and SAP BTP application builds.



End-to-End Process Integration

Techwave enabled seamless process integration across Deliver and Make process areas, ensuring alignment with enterprise standards and procedures.



Workflow Automation

Techwave automated repetitive manual activities using SAP Build Process Automation, helping transform legacy manual processes into standardized digital workflows.



Scalable SAP Architecture

Techwave developed scalable SAP solutions using SAP BTP, RAP, reusable BTP services, private cloud-based APIs, proxies, forms, and application classes.



User Experience and Adoption Enablement

Techwave delivered simplified user experiences through SAP Build Apps and intuitive Fiori-based applications, reducing training effort and improving employee productivity.

Business Outcomes

Techwave delivered measurable business value by improving process efficiency, automation, productivity, data quality, integration, and business responsiveness.

2,000–3,000

Business hours saved annually through workflow automation.

45–60%

Reduction in end-to-end business process execution time.

70%+

Repetitive manual activities automated using SAP Build Process Automation.

3 days to less than 6 hours

Reduction in approval turnaround time.

35–50%

Increase in employee productivity through simplified user experiences built with SAP Build Apps.

40%

Reduction in training effort through intuitive Fiori-based applications.

99%+

Master and transactional data accuracy achieved.

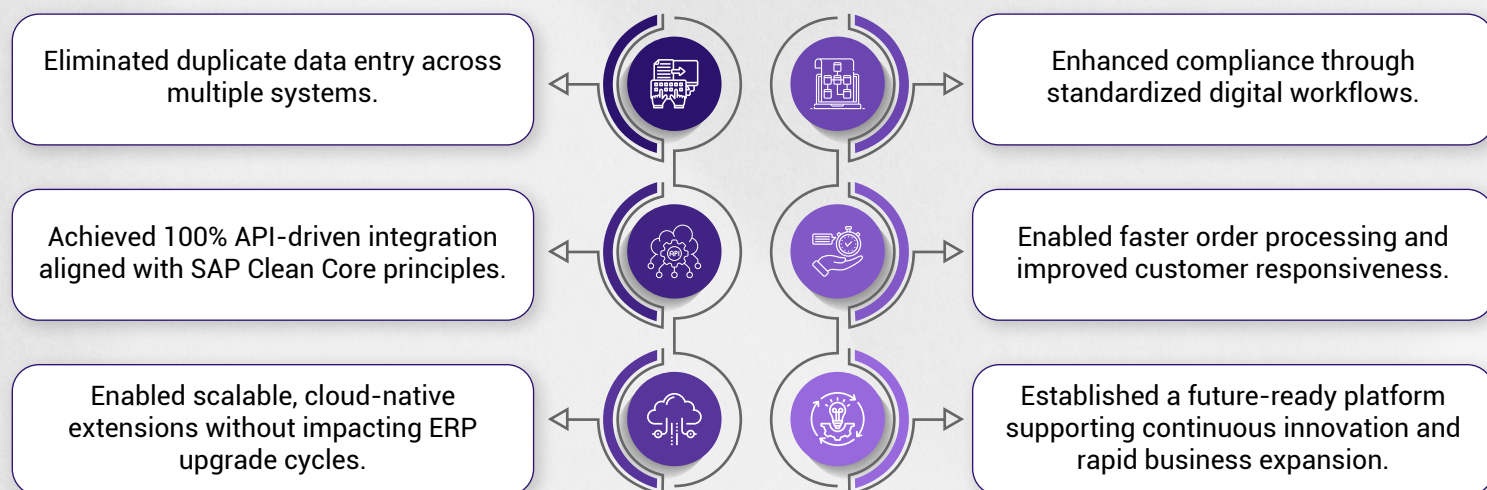
75%

Reduction in manual reconciliation effort.

60%

Reduction in custom ABAP development through reusable BTP services.

Additional Business Value Delivered



Featured Technologies

SAP S/4HANA	SAP BTP	SAP Build Apps	SAP Fiori
SAP RAP	Proxies	Forms	Application Classes
Private Cloud-Based APIs		SAP Build Process Automation	

About Techwave

Headquartered in Houston, TX, Techwave provides global technology and engineering services and solutions. A certified SAP Gold Partner, Techwave has supported digital transformation for 600+ clients worldwide since its inception in 2004.

Techwave provides end-to-end SAP services across SAP S/4HANA, SAP BTP, automation, integration, analytics, data migration, SAP AMS, and enterprise transformation. Through strong SAP capabilities, process-focused execution, and cross-functional collaboration, Techwave helps enterprises modernize legacy processes, improve operational efficiency, and build scalable digital platforms for long-term growth.



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