

Innovation Unlocked: 10 AI Driven Success Stories with SAP Business AI Platform



The AI Opportunity

Organisations across every industry are reimagining how they operate with AI, improving productivity, accelerating innovation and making faster, more informed decisions. TheValueChain is helping customers lead this transformation by combining deep SAP expertise with practical AI solutions that deliver measurable business outcomes.

More than 34,000 organisations are already using SAP Business AI to embed intelligence into everyday business processes. By combining trusted enterprise data with AI, they're building more agile, resilient and future-ready businesses.

The Foundation for Enterprise AI

Delivering enterprise AI requires more than powerful models, it requires the right platform.

The **SAP Business AI Platform** combines **SAP Business AI**, **SAP Business Technology Platform** and **SAP Business Data Cloud** into one environment for developing, deploying and scaling intelligent business solutions.

SAP Business Technology Platform (BTP) is a powerful platform as a service that unifies data management, analytics, AI, and application development, enabling businesses to integrate, automate, and build intelligent, AI powered solutions across both SAP and non SAP systems.

TheValueChain extends these capabilities with SAP Business AI-powered SaaS solutions and accelerators, helping organisations simplify operations, connect SAP and non-SAP systems, and realise greater value from their technology

Become an SAP Autonomous Enterprise

The next evolution of enterprise AI is the **Autonomous Enterprise**, where AI agents execute routine business processes while people focus on strategy, innovation and business growth.

So what defines an Autonomous Enterprise?

- **Business-aware AI:** AI grounded in your SAP data, processes and business rules.
- **AI that acts:** Intelligent agents that can reason, decide and execute end-to-end business tasks.
- **People in control:** Human oversight, governance and accountability remain at the centre.

Powered by over 50 years of SAP business knowledge, this vision is delivered through the SAP **Business AI Platform**, **Autonomous Suite** and **Joule Work**, enabling trusted, enterprise-grade automation.



Technology is only part of the journey. Real success comes from combining the right platform with effective governance, change management and adoption to create lasting business value.

10 Benefits for Your Business

Accelerate Innovation:

Rapidly develop and deploy new solutions using a unified AI and data foundation that turns ideas into business value faster.

Turn Data into Action:

Use real time analytics and the SAP Business Data Cloud to make smarter, faster strategic and operational decisions.

Seamlessly Integrate

Systems: Connect SAP and non SAP systems effortlessly, ensuring smooth, end to end process continuity across your entire IT landscape.

Connect end to end

Processes: Achieve rapid impact with prebuilt SAP Integration Suite connectors that unify finance, HR, supply chain, procurement, and other critical processes.

Power Intelligent

Automation: Automate workflows from start to finish with AI that adapts to your operations while ensuring full compliance and governance.



Boost Agility: Adapt quickly to market changes with flexible, AI ready architecture that keeps your organisation ahead of competitors.

Maintain a Clean Core:

Keep ERP systems streamlined and compliant while safely extending functionality through side by side innovations powered by SAP BTP and SAP Business AI.

Optimise Business

Applications: Enhance processes across all applications with intelligent extensions built on the SAP Business AI Platform.

Accelerate Development

Cycles: Build applications up to 3× faster using purpose built frameworks and AI assisted development capabilities.

Unlock Enterprise

Wide AI: Benefit from consistent, trustworthy AI embedded across SAP applications and extended through BTP for unified, enterprise grade intelligence.



Our Customer Success Stories

See how TheValueChain's customers are putting the SAP Business AI Platform and SAP BTP to work with groundbreaking solutions and immediate impact. They're unlocking the full power of the platform to streamline operations, accelerate decision-making, and drive innovation. These stories prove how innovation becomes effortless when technology and business goals come together.

See how our customers are turning bold ideas into faster business outcomes.

FUTURE-PROOFING INTEGRATION WITH SAP BTP: MIGRATION TO INTEGRATION SUITE

Industry

Personal hygiene
products
manufacturing

SAP Products Used

SAP Process
Integration / Process
Orchestration, SAP
Integration Suite, SAP
Business Technology
Platform

TheValueChain Product

GoBeyond Integration
Monitoring

THE CHALLENGES

The company depended on SAP PI/ PO as the middleware connecting its SAP and non-SAP applications. With SAP NetWeaver 7.5 approaching end of mainstream maintenance by 2027, (with limited, costlier support beyond), the platform was becoming increasingly unsustainable. In parallel, the standard out-of-the-box monitoring on SAP

BTP was insufficient to support reliable day-to-day operations, leaving limited visibility and weak error handling across the integration landscape

THEVALUECHAIN'S APPROACH

- 1 Structured SAP Integration Suite Migration Approach** - applied proven methodology across key phases: Discover, Prepare, Explore, Realize, Test, Deploy, and Run.
- 2 Accelerated, Tool-Supported Migration** - leveraged a semi-automated, template migration tool, enhancing SAP's standard tooling with best practices, recreate interfaces in Cloud Integration.
- 3 Standardisation & Governance** - implemented standardised naming conventions and robust exception-handling framework was introduced.
- 4 Monitoring Built In from Day One** - deployed the GoBeyond Integration Monitoring at the start, making it a core component of daily operations on SAP BTP.

THE SOLUTION

Integration capabilities were transformed by moving from end-of-maintenance SAP PI/PO to SAP Integration Suite (Cloud Integration) on SAP BTP, establishing a modern, cloud-native, fully managed iPaaS foundation. GoBeyond Integration Monitoring was deployed alongside the platform, delivering real-time, end-to-end visibility across all integration flows. With centralised alerting, exception handling, and reprocessing capabilities, issues can be detected and resolved fast. It is also accessible to non-technical users ensuring the business stays in control of its integrations.

KEY SOLUTION HIGHLIGHTS

- **GoBeyond Integration Monitoring** extends SAP BTP's native capabilities with advanced, business-level exception handling.
- **One-Click Reprocessing** accelerates issue resolution with simple, fast reprocessing.
- **Migration tool** automates the majority of technical effort, reducing time, cost, and risk.
- **SAP Integration Suite on SAP BTP** enabling a scalable, fully managed iPaaS platform.
- **End-to-End Visibility** for real-time insight across all integration flows.
- **Speeds up migration** and stabilisation with proven tools and embedded best practice.

BUSINESS OUTCOMES

Future-Proof Integration Platform

Migrated away from end-of-life SAP PI/PO to a modern, cloud-native foundation on SAP BTP.

Cleaner, More Agile Core

Reduced complexity within the SAP core, enabling greater flexibility and faster innovation.

Faster Issue Resolution

Real-time monitoring and reprocessing capabilities drive quicker, more reliable handling of integration errors.

Lower Operational Effort

Automation and improved visibility significantly reduce manual intervention.

Scalable for Growth

Established a flexible platform ready to support new interfaces and event-driven integration scenarios.

GLOBAL SPECIALITY LABORATORY SUPPLIES MANUFACTURER

FROM MANUAL TO INTELLIGENT: AI-POWERED SUPPLIER INVOICING



Industry
Laboratory Supplies

SAP Products Used
SAP S/4HANA, SAP Document AI, SAP AI Core. SAP-certified for SAP Business AI. Business Technology Platform

TheValueChain Product
GoBeyond Supplier Invoicing

THE CHALLENGES

The company's supplier invoice handling process is manual and prone to errors, with limited automation and visibility in the existing SAP approval workflow. As a result, finance teams spend significant time on repetitive tasks, leading to processing delays, increased compliance risk, operational bottlenecks, and strained communication with suppliers.

THEVALUECHAIN'S APPROACH

Cloud-Native Deployment - GoBeyond Supplier Invoicing SaaS deployed on SAP BTP for scalability and flexibility

- 1 Direct S/4HANA Integration -** Native integration via whitelisted APIs, eliminating the need for middleware
- 2 Automated Invoice Capture -** SAP Document AI extracts invoice data automatically, reducing manual input
- 3 Intelligent Email Processing -** SAP AI Core interprets incoming e-mailed invoices and routes them to the correct workflow automatically
- 4 End-to-End Invoice Flow -** Integrated e-invoicing connector for PDF generation, digital archiving, and compliant e-invoicing
- 5 Standardised Process Design -** Consistent, streamlined invoice handling across the organisation

THE SOLUTION

To address the company's need for more efficient invoice processing, we implemented GoBeyond Supplier Invoicing as a multi-tenant SaaS application on SAP BTP, fully integrated with SAP S/4HANA. It automates the capture, extraction, matching, and routing of supplier invoices using SAP Document AI and SAP AI Core, while an e-invoicing connector ensures compliance. This delivers an end-to-end automated invoice process with higher accuracy, faster approvals, and full visibility for the finance team.

KEY SOLUTION HIGHLIGHTS

- **Plug-and-Play SaaS** ensures rapid deployment with a ready-to-use, SAP-certified solution.
- **Middleware-Free Integration means** direct connection to SAP S/4HANA via whitelisted APIs.
- **AI-Driven Automation** combines SAP Document AI and SAP AI Core for fully automated invoice processing.
- **Hands-Off Processing** minimises manual intervention across capture, extraction, and routing.
- **Streamlined integration approach** lowers maintenance and operational overheads.
- **Pre-built capabilities** enable quick onboarding and immediate process improvements.

BUSINESS OUTCOMES

Increased Automation

A significant share of supplier invoices processed automatically end-to-end.
Reduced Errors & Manual Work
Lower reliance on manual data entry, improving accuracy and efficiency.

Faster Approval Cycles

Shortened processing times enable quicker invoice approvals and payments.

Stronger Compliance

Improved regulatory compliance and audit readiness through structured processes and digital archiving.

Enhanced Visibility

Greater transparency across the invoice lifecycle for better control.

Higher-Value Finance Work

Finance teams freed from repetitive tasks to focus on strategic and value-added activities.



FASTENERS AND FIXINGS MANUFACTURER
AND WHOLESALER

FUTURE-PROOF INTEGRATION STARTS WITH SAP BTP: FROM SAP PO TO INTEGRATION SUITE



Industry

Construction and
Industrial Supplies

SAP Products Used

SAP Process
Orchestration, SAP
S/4HANA, SAP Integration
Suite – Standard Edition,
SAP Business
Technology Platform

TheValueChain Product

GoBeyond Integration
Monitoring

Non SAP Products Used

File-based interfaces
migrated to SFTP
scenarios; various
connected business
applications

THE CHALLENGES

SAP Process Orchestration is currently used as the middleware connecting SAP S/4HANA with a range of applications across the company. However, with SAP announcing the end of mainstream maintenance for SAP NetWeaver 7.5 by the end of 2027 (extendable to 2030), the platform is approaching obsolescence,

with only limited enhancements available at additional cost thereafter. As a result, there is a clear need to transition to a future-proof, cloud-native integration platform that can replace SAP PO ahead of its end of life, while maintaining stability across the integration landscape and reducing long-term maintenance risk and cost.

THEVALUECHAIN'S APPROACH

- 1 Selective Migration Strategy -** Adopted a focused, scenario-based migration approach aligned to the limited number of integrations, across phases from Discover through to Run.
- 2 Accelerated Start with Pre-Assessment -** Leveraged the completed SAP Migration Assessment to streamline the approach and skip unnecessary steps.
- 3 Standardisation with Proven Templates -** Introduced naming conventions and reusable template iFlows to ensure consistency and efficiency.
- 4 Cloud-Ready Integration Design -** Replaced on-premise FILE adapters with secure, cloud-based SFTP scenarios aligned to SAP BTP best practices.
- 5 Utilised a semi-automated migration tool -** Targeting 60–70% automation of the technical migration effort.
- 6 Enabled client ownership of testing -** Supported by structured knowledge transfer from TheValueChain for long-term sustainability.

THE SOLUTION

TheValueChain helps migrate 53 integration interfaces from SAP Process Orchestration to SAP Integration Suite (Cloud Integration) on SAP BTP, deployed on the Standard Edition across two tenants (DEV/TEST and PROD). The solution incorporates TheValueChain's exception-handling framework and optionally the GoBeyond Integration Monitoring, establishing a modern, governed, and maintainable integration platform aligned with SAP's cloud-first, clean-core strategy.

KEY SOLUTION HIGHLIGHTS

- **Template-driven framework** accelerates delivery and reduce manual effort.
- **Reuse of assessment outputs** using the existing SAP Migration Assessment, eliminating redundant steps and speeding execution.
- **Targets 60–70% automation** of the technical migration, minimising risk and cost.
- **Standardised naming conventions** designed to integrate seamlessly with monitoring tools, enabling better tracking and governance from day one.

BUSINESS OUTCOME

Future-Proof Integration Landscape

Transition to a cloud-native SAP Integration Suite, replacing end-of-life SAP PO and ensuring long-term sustainability.

Cost & Risk Reduction

Lower maintenance overhead and operational risk through standardisation and modern tooling.

Cleaner SAP Core

Supports a clean-core strategy, reducing customisation and simplifying future upgrades.

Faster Time to Integrate

Accelerates onboarding of new interfaces using reusable templates and standard patterns.

Improved Operational Visibility

Enhanced monitoring and exception handling, leading to quicker issue detection and resolution.

Scalable Digital Foundation

Establishes SAP BTP as a foundation for future API-driven and event-driven scenarios.

TANGIBLE RESULTS

53 interfaces in scope

**37 days estimated
delivery effort**

**~12-week implementation
timeline from kick-off**

3-week post go-live support

FUTURE-PROOFING PARTNER CONNECTIVITY WITH A MODERN INTEGRATION PLATFORM



Industry

Logistics, freight forwarding and transport

SAP Products Used

SAP Integration Suite (Cloud Integration, Migration Assessment, Trading Partner Management, Integration Advisor, API Management, Edge Integration Cell, Event Mesh); SAP Business Technology Platform

TheValueChain Product

GoBeyond Integration Monitoring

Non SAP Products Used

Large set of legacy JDBC, File-based interfaces migrated to cloud patterns.

THE CHALLENGES

The company uses SAP Process Orchestration (PO) as middleware to integrate internal systems and enable B2B/EDI communication with partners. With SAP PO approaching end of mainstream maintenance, a transition to a cloud-native platform is required. The existing landscape is large and complex,

and native SAP BTP monitoring alone is insufficient for reliable day-to-day operations, limiting visibility and effective error handling. A modern, scalable platform is therefore needed to ensure continuous partner connectivity and to future-proof the integration landscape

THEVALUECHAIN'S APPROACH

- 1 Joint Delivery Model -** TheValueChain leads the SAP Integration Suite migration, with Hircunus driving project management, stakeholder engagement, and regional business alignment.
- 2 Selective Migration Approach -** Applied across phases using SAP Trading Partner Management for B2B/EDI and TheValueChain naming conventions and reusable template iFlows.
- 3 Automation-Led Execution -** Deployment of a semi-automated migration tool to accelerate delivery and reduce manual effort.
- 4 Test-Driven Migration -** Adoption of Test-Driven Development, replaying real SAP PO production messages in SAP Cloud Integration to ensure accuracy and reliability.
- 5 Operational Readiness -** Implementation of the GoBeyond Integration Monitoring to provide enhanced monitoring, visibility, and support for day-to-day operations.

THE SOLUTION

Integrations are migrated from SAP Process Orchestration to SAP Integration Suite on SAP BTP, with Trading Partner Management centralising B2B/EDI partner onboarding and agreement management. The GoBeyond Integration Monitoring SaaS provides real-time, end-to-end visibility with alerting, exception handling, and reprocessing. The result is a modern, cloud-native, and scalable integration foundation that ensures reliable partner connectivity and aligns with SAP's clean-core strategy

KEY SOLUTION HIGHLIGHTS

- **PI/PO migration paired with genuine B2B/EDI modernisation** via Trading Partner Management.
- **Test-Driven development** using real SAP PO production message replay to ensure accuracy and reduce risk.
- **Seamless end-to-end cloud migration** from SAP Process Orchestration to SAP Integration Suite on SAP BTP.
- **GoBeyond Integration Monitoring SaaS** delivers real-time, end-to-end visibility, alerting, and reprocessing.
- **Scalable Cloud Foundation** modern, cloud-native architecture aligned with SAP's clean-core strategy.

BUSINESS OUTCOMES

Future-Proof Integration Platform

Transition to a cloud-native B2B/EDI solution, replacing end-of-life SAP PO. Streamlined Partner Management Centralised onboarding and agreement management improves efficiency and consistency.

Faster Issue Resolution

Real-time monitoring to reduce operational impact.

Cleaner SAP Core

Reduced customisation supports a simpler, upgrade-friendly SAP landscape.

Improved Operational Visibility

End-to-end transparency across integrations enhances control and decision-making.

Scalable for Growth

Platform designed to absorb increasing partner volumes, message traffic, and new integration scenarios.

TANGIBLE RESULTS

~1,541 communication channels analysed in SAP PI/PO production

~1,350 communication channels analysed in development

Joint delivery by TheValueChain and Hircunus

Scalable and future proof for growth

Increased business agility

SPECIALIST LUBRICANTS AND
ENERGY SOLUTIONS COMPANY

REAL-TIME VISIBILITY AND CONTROL ON SAP BUSINESS TECHNOLOGY PLATFORM

Industry

Downstream oil & gas
- fuels and lubricants
distribution

SAP Products Used

SAP Integration
Suite, SAP Business
Technology Platform

TheValueChain

Product

GoBeyond Integration
Monitoring

THE CHALLENGES

The company relies on SAP BTP Integration Suite for its integration landscape, but the native monitoring capabilities are not sufficient to support day-to-day operations at scale. With a complex environment, this results in limited end-to-end visibility, insufficient business-level error handling, and no

user-friendly reprocessing capabilities. In addition, the tooling is not easily accessible for non-technical users. As a result, operational teams face challenges in quickly detecting, understanding, and resolving integration issues, putting efficiency and reliability of business processes at risk.

THEVALUECHAIN'S APPROACH

- 1 Structured Deployment Approach** - Starts with a discovery workshop to identify monitoring requirements and priorities.
- 2 Seamless Installation** - Deployed directly on customer tenant(s) for secure and scalable setup.
- 3 Embedded Monitoring** - Implementation of the monitoring toolkit within the integration flows..
- 4 Standardised Design** - Use of consistent naming conventions to enable better tracking and governance.
- 5 Robust Exception Handling** - Implementation of an exception-handling framework to support efficient issue management.
- 6 Operational Integration** - Monitoring, alerting, and reprocessing embedded into daily business operations on SAP BTP.

THE SOLUTION

To address the company's need for better operational control, TheValueChain implemented GoBeyond Integration Monitoring as a cloud-based SaaS solution built natively on SAP BTP. It provides real-time, end-to-end visibility into integration flows on SAP Integration Suite, centralising monitoring, alerting, and operational insight. This enables both business and IT teams to handle exceptions and reprocess failed messages efficiently through a user-friendly interface, significantly improving day-to-day integration operations.

KEY SOLUTION HIGHLIGHTS

- **Goes beyond Standard SAP Monitoring** by extending native capabilities with business-focused exception handling.
- **One-click reprocessing and clear insights** dramatically reduce resolution time.
- **User-Centric Design** enables non-technical users to actively manage integrations.
- **One unified tool** Combines visibility, action, and recovery.

BUSINESS OUTCOMES

Faster Issue Resolution

Reduced time to detect, diagnose, and resolve integration errors.

Lower Operational Effort

Decreased reliance on manual monitoring and intervention.

Improved Reliability

Greater stability of business-critical integrations and interfaces.

Shared Visibility

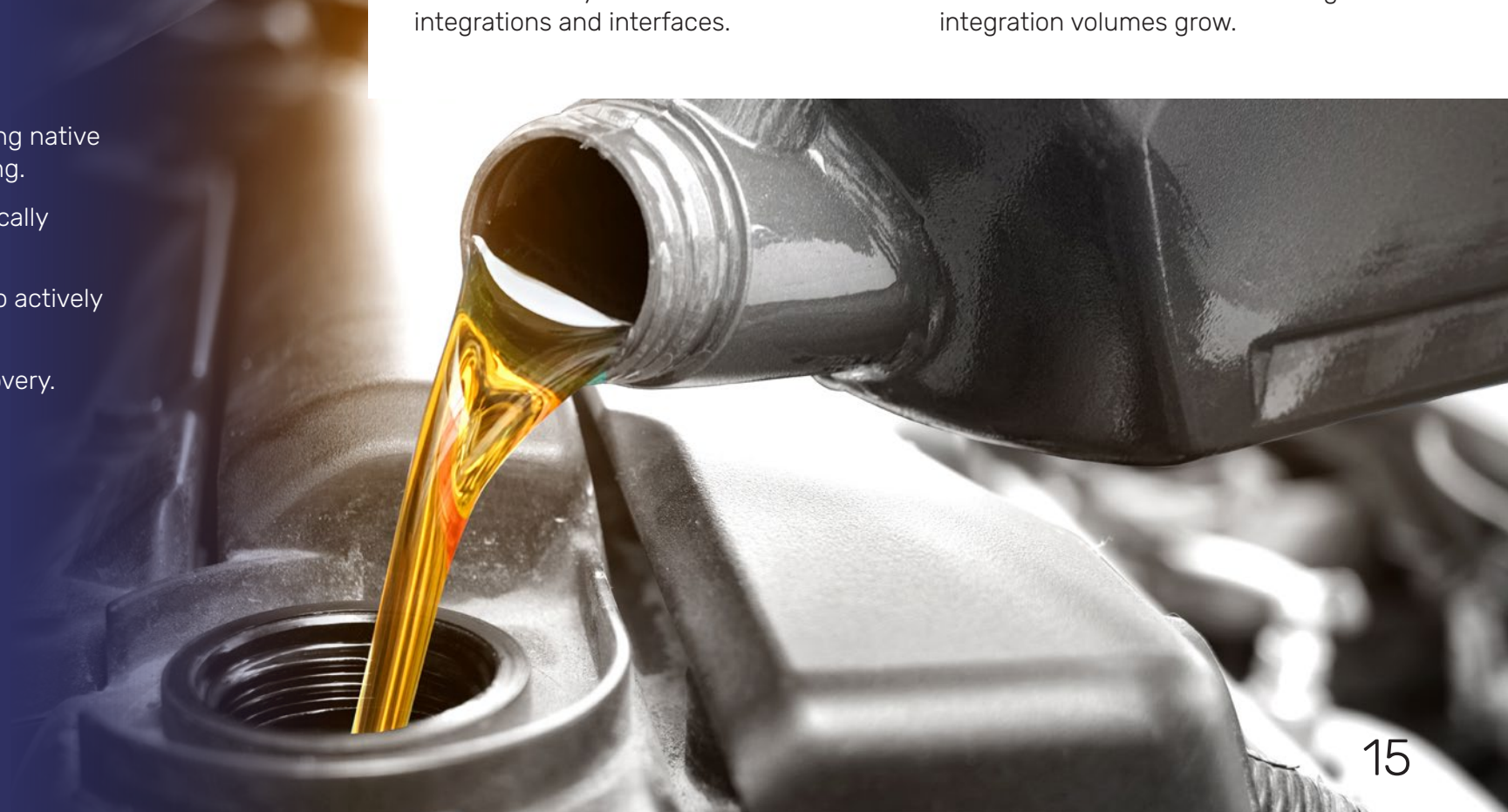
Transparent insights accessible to both business and IT teams.

Proactive Operations

Ability to identify and address issues before they impact the business.

Scalable Operations Model

Foundation for efficient monitoring as integration volumes grow.



CONNECTING SALES AND BACK-OFFICE WORKFLOWS WITH SAP INTEGRATION SUITE

Industry

Aviation technology
and airport operations

SAP Products Used

SAP Sales Cloud, SAP
S/4HANA Public Cloud,
SAP Integration Suite
on BTP

Non SAP

Products Used
SOFON

THE CHALLENGES

The company needed to connect its front-office and back-office systems to enable a seamless sales process. Customer, contact and product data were managed separately in SAP Sales Cloud and SAP S/4HANA Cloud, resulting in inconsistent information and manual rework. Additionally, the

quotation process—spread across SAP Sales Cloud, SOFON, and SAP S/4HANA—was fragmented and lacked real-time integration. This resulted in delays, data duplication, and limited visibility across sales, bid management, and back-office operations.

THE VALUE CHAIN'S APPROACH

- 1 Analyse existing processes**
Conducted an in-depth review of sales and quotation workflows.
- 2 Identify integration points**
Determined key connections between SAP Sales Cloud, SOFON, and SAP S/4HANA.
- 3 Design automated data flows**
Used SAP Integration Suite to create workflows for customers, contacts, products, and quotes.
- 4 Implement and collaborate**
Delivered the integration with close coordination between business and IT teams.
- 5 Ensure seamless operations**
Enabled real-time synchronisation, smooth handovers, and minimal disruption to ongoing processes.

THE SOLUTION

TheValueChain implemented SAP Integration Suite to automate data exchange between SAP Sales Cloud, SOFON, and SAP S/4HANA Public Cloud. The solution enables seamless synchronisation of customer, contact, product and quote data, establishing a fully connected process from sales to bid management and back-office execution.

KEY SOLUTION HIGHLIGHTS

- **SAP Integration Suite** bridges cloud and on-premise systems with zero custom development.
- **API-driven architecture** syncs SAP Sales Cloud, SOFON, and S/4HANA Public Cloud in real time.
- **End-to-end data orchestration** delivers full process transparency.
- **Built on standard SAP integration capabilities**, adapted to its quoting needs.
- **Scalable and maintainable design** ready for future system and process expansions.

BUSINESS OUTCOME

360° customer visibility

Sales teams can now access accurate, real-time customer, contact, and product data across all systems.

Fully integrated sales-to-operations flow

Seamless handovers from sales to bid management and from bid management to back-office execution.

Reduced manual rework

Automated data synchronisation eliminates double entry and reduces human error.

Faster quote-to-order process

Integration between SAP Sales Cloud, SOFON, and SAP S/4HANA shortened cycle times and improves responsiveness.

Improved collaboration and data quality

A unified information architecture strengthens alignment between business and IT teams.

WORLD CLASS CHEMICAL DISTRIBUTION,
LOGISTICS AND STORAGE COMPANY

SMART, API-DRIVEN TIMESLOT PLANNING ON SAP BTP FOR STREAMLINED TRUCK SCHEDULING



Industry

Logistics and chemical
distribution

SAP Products Used

SAP S/4HANA, SAP
Business Technology
Platform (BTP), SAP
Work Zone

**Non SAP
Products Used**
N/A

THE CHALLENGES

The company faced growing inefficiencies in planning truck arrivals for loading and unloading at its terminals. The manual scheduling process led to frequent waiting times, limited visibility for customers and transporters, and increased administrative workload. It turned to TheValueChain to identify a

more efficient, data-driven approach that would streamline logistics coordination, reduce delays, and provide real-time transparency for all stakeholders.

THEVALUECHAIN'S APPROACH

- 1 Align with digital roadmap**
Integrated the solution into its broader SAP S/4HANA migration plan.
- 2 Map logistics processes**
Analysed and documented the existing timeslot and scheduling workflows.
- 3 Assess solution options**
Confirmed no off-the-shelf tool met its specific requirements.
- 4 Design API-native solution**
Proposed building the timeslot planner on SAP BTP, leveraging Business Application Studio and Work Zone as the portal.
- 5 Leverage existing data**
Reused SAP master data to ensure accuracy and consistency.
- 6 Enable online booking**
Made it easy for transport firms to book slots digitally.
- 7 Roll out quickly with measurable results**
Implemented the solution efficiently, providing immediate visibility and impact.

THE SOLUTION

TheValueChain developed and implemented a cloud-based timeslot planning tool on SAP Business Technology Platform (BTP), fully integrated with SAP S/4HANA. Transport companies can book loading and unloading times directly through an intuitive SAP Work Zone web portal, providing real-time visibility into available slots. Built using SAP Business Application Studio, the tool leverages the company's existing SAP master data for accuracy and seamless integration. This innovation optimised logistics scheduling, reduced waiting times, freed up planning resources, and laid the foundation for future AI-driven insights and data-based decision-making.

KEY SOLUTION HIGHLIGHTS

- **API-native extensions** accelerate innovation without touching the S/4HANA core.
- **SAP Work Zone** delivers a sleek, "book-a-table", simple user experience.
- **Real-time SAP master data integration** keeps everything instantly in sync.
- **Business Application Studio** enables fast, agile development and deployment.
- **Future-proof architecture** built for AI-driven analytics and continuous optimisation.

BUSINESS OUTCOMES

Massive efficiency gains

900 users booked 30,000 timeslots within three months, freeing two full-time planners for higher-value work.

Reduced operational costs

Automated scheduling replaced manual calls and emails, cutting administrative overhead.

Shorter truck turnaround times

Faster coordination between the business, clients, and transport firms reduced waiting and idle time.

Improved customer and transporter experience

Real-time visibility and easy booking enhanced collaboration and satisfaction.

Data-driven insights for future innovation

Integrated SAP data now supports KPI tracking, performance reporting, and future AI applications.

TANGIBLE RESULTS

Rapid adoption within 3 months

30,000 timeslots booked

900 unique users actively using the tool

Two full-time employees freed up from manual scheduling

Shorter truck turnaround times

Lower Operational costs

FROM MANUAL TO INTELLIGENT: RAPID, AI-POWERED SUPPLIER INVOICING WITH SAP BTP



Industry
Cookware
manufacturing

SAP Products Used
SAP S/4HANA, SAP
Business Technology
Platform (BTP), SAP
Document AI, SAP AI Core

**Non SAP
Products Used**
N/A

THE CHALLENGES

The company faced a manual, error-prone supplier invoicing process with limited automation and visibility in their existing SAP approval flow. The finance team spent excessive time on repetitive tasks, causing delays and compliance risks even with low invoice volumes. These inefficiencies created bottlenecks

and strained supplier communication. TheValueChain helped identify automation opportunities to streamline invoice processing, improve accuracy, and enhance transparency across approvals.

THEVALUECHAIN'S APPROACH

- 1 Deploy multi-tenant SaaS on SAP BTP**
Integrated natively with SAP Cloud ERP using whitelisted APIs, eliminating the need for middleware.
- 2 Set up AI-powered invoice capture**
Leveraged SAP Document AI Premium for automated extraction.
- 3 Automate email invoice processing**
Used SAP AI Core to interpret incoming emails and route invoices automatically.
- 4 Enable e-invoicing with compliance features**
Activated PDF generation, digital archiving, and the e-invoicing connector for end-to-end compliance.
- 5 Standardise and future-proof the process**
Delivered a consistent, automated, and scalable invoice flow.

THE SOLUTION

The solution was GoBeyond Supplier Invoicing – a multi-tenant SaaS application built on SAP Business Technology Platform (BTP) and fully integrated with SAP S/4HANA Cloud. It leverages SAP Document AI Premium for intelligent invoice extraction and matching, and SAP AI Core for automatically interpreting e-mailed invoices. The system connects directly through whitelisted APIs, eliminating the need for middleware. An e-invoicing connector enables PDF generation and secure digital archiving, ensuring full compliance. The result is an end-to-end automated invoice flow with higher accuracy, faster approvals, and full visibility across all steps.

KEY SOLUTION HIGHLIGHTS

- **Plug-and-play architecture** means rapid deployment with minimal setup.
- **Multi-tenant SaaS on SAP BT** that fully integrates with SAP S/4HANA Cloud via whitelisted APIs, no middleware needed.
- **Predefined configuration & AI automation** that uses SAP Document AI Premium and SAP AI Core for intelligent invoice processing.
- **Rapid go-live** meant the solution was operational in just one day.
- **Instant value with minimal effort** is delivered by combining speed, scalability, and SAP-certified compliance.
- **End-to-end intelligent invoice automation** provides a streamlined, compliant, and scalable platform.

BUSINESS OUTCOMES

Rapid go-live

Delivered immediate automation benefits with minimal setup effort.

Reduced manual handling

Significant decrease in manual invoice processing and improved accuracy.

Faster approvals

Accelerated approval cycles and smoother collaboration across finance and procurement.

Enhanced compliance and transparency

Strengthened regulatory adherence and supplier relationships.

Scalable and future-proof foundation

Built on SAP BTP, ready for further AI and e-invoicing innovation.

TANGIBLE RESULTS

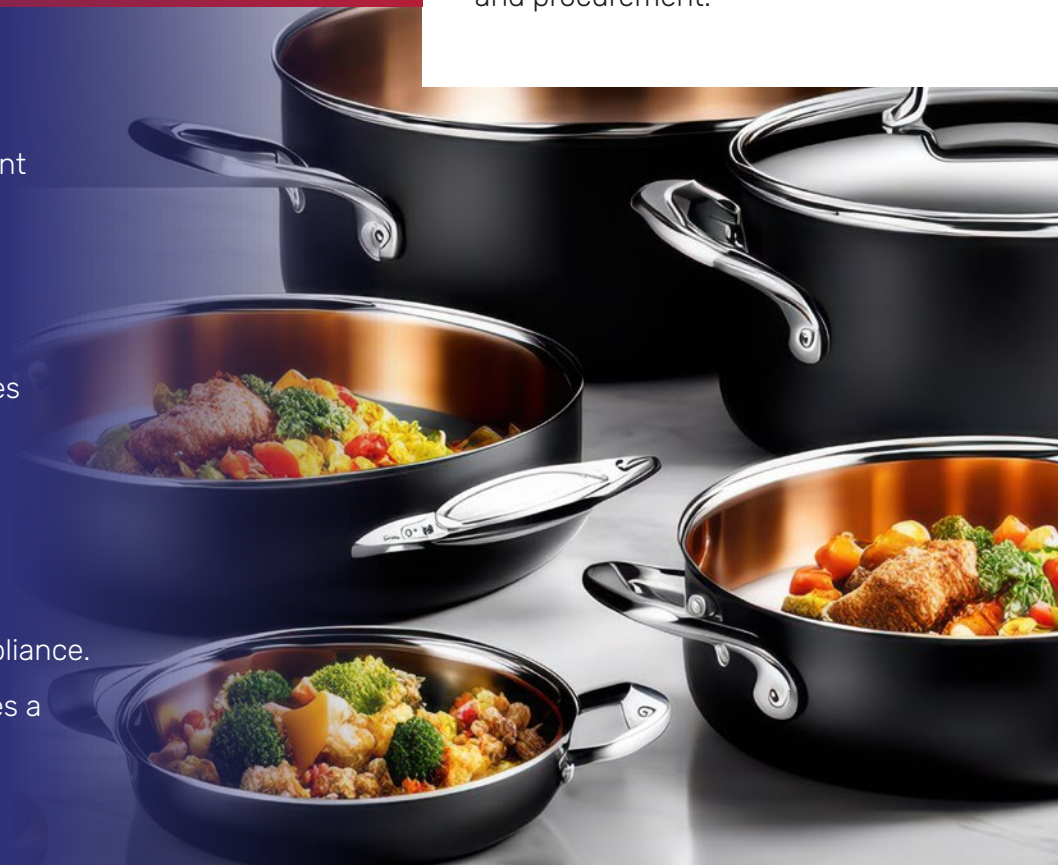
Go-live achieved in one day

50–70% of invoices now processed automatically

Average processing time cut by more than half

Time savings equivalent to roughly half an FTE per month

Improved compliance, visibility and supplier satisfaction



NATURAL DOG AND CAT FOOD MANUFACTURER

INTELLIGENT, CROSS-DEPARTMENT SALES ORDER AUTOMATION ON SAP BTP



Industry

Pet food manufacturing (fresh dog and cat food)

SAP Products Used

SAP S/4HANA Public Cloud, SAP Business Technology Platform (BTP), SAP Build Process Automation

Non SAP

Products Used

Metamaze Intelligent Document Processing

THE CHALLENGES

The company faced major efficiency and service challenges. Their customer service team spent excessive time manually entering orders received by e-mail, leaving little room for value-adding activities. This manual process caused slower response times, higher error rates, and reduced customer

satisfaction. The company needed a solution to streamline operations and shift employee efforts from non-value added administration to enhancing customer success.

THEVALUECHAIN'S APPROACH

1

Organise cross-departmental workshop

Introduced TheValueChain's SAP Store hyper automation solution and highlighted features relevant to its operations.

2

Collaborate with teams

Engaged multiple departments to translate insights into concrete use cases.

3

Develop implementation roadmap

Created a clear, coordinated plan for rolling out automation within SAP.

4

Prioritise use cases

Started with sales order automation for maximum impact.

THE SOLUTION

TheValueChain implemented its automation template for automatic sales order creation, built on SAP Business Technology Platform (BTP) using SAP Build Process Automation. Available on the SAP Store, the solution automates order handling, reducing manual work and errors while improving speed and accuracy. It enhances process visibility and efficiency, empowering teams to focus on customer value and business growth.

KEY SOLUTION HIGHLIGHTS

- **Built on SAP BTP**, it extends standard SAP best practices without disrupting core systems.
- **Automated sales order creation** captures and creates orders from emails and PDFs with minimal human input.
- **Intelligent automation** combines SAP Build Process Automation with intelligent document recognition.
- **Cross-department flexibility** enables automation across multiple teams and processes.
- **Full SAP S/4HANA integration** ensures seamless connectivity with existing ERP.
- **Fast implementation and ROI** deliver quicker deployment, higher efficiency, and rapid return on investment.

BUSINESS OUTCOMES

Significant reduction in manual order entry

Automated order creation cut manual work from 35% to 7%.

Stronger customer focus

Customer care effort increased from 5 % to 33 %, allowing teams to spend more time supporting and engaging customers.

Stable logistics workload

Logistics follow-up remained consistent while becoming more efficient through improved data accuracy.

Higher employee satisfaction

Less time spent on repetitive, non-value-adding tasks.

Improved customer satisfaction

Faster responses and fewer errors enhanced the overall service experience.

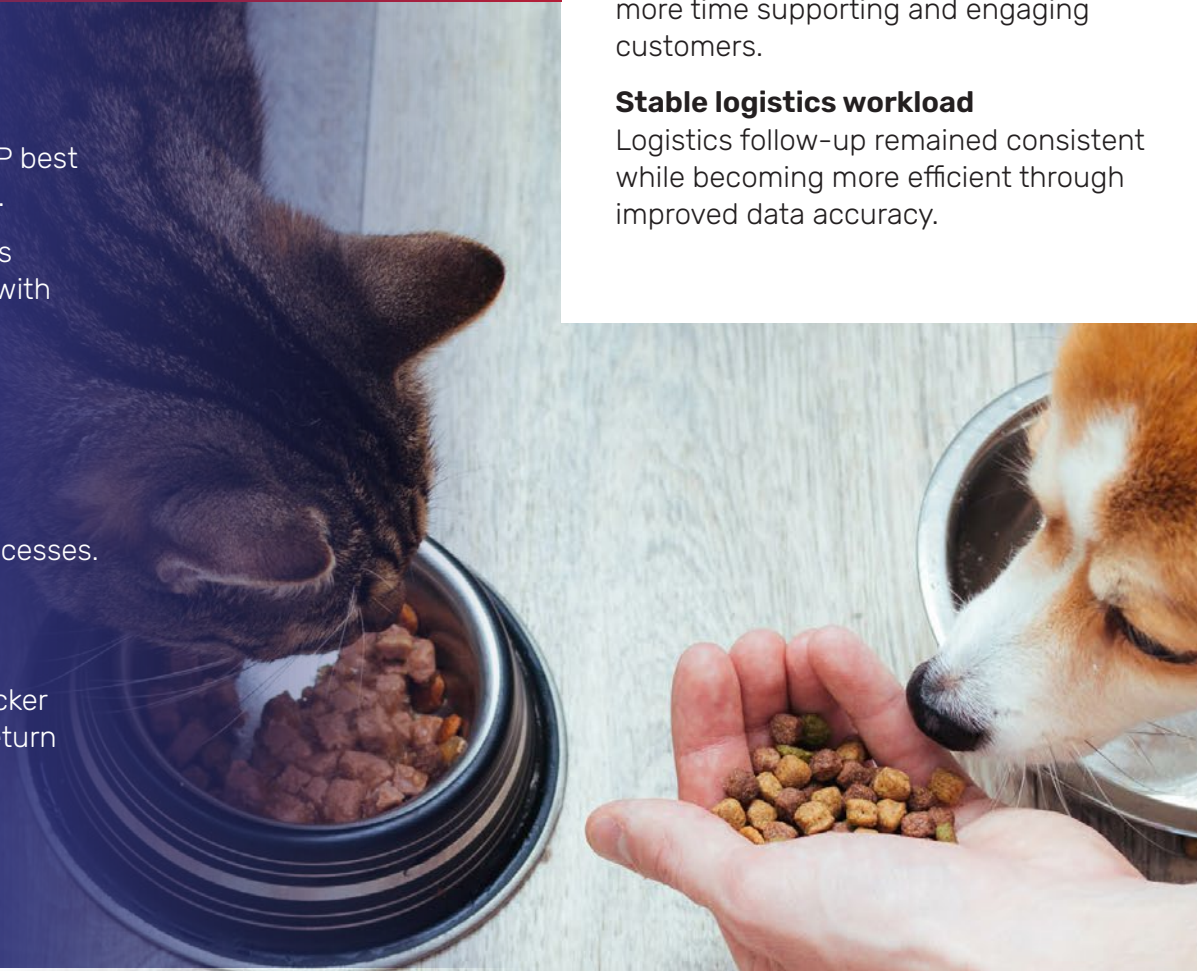
TANGIBLE RESULTS

60% of all orders were processed through the TVC solution in 3 months

998 sales orders processed

50% of orders required no manual intervention

50 hours of valuable time freed up



BTP ENABLES SEAMLESS, REAL-TIME INTEGRATION BETWEEN S/4HANA AND COUPA FOR END-TO-END PROCUREMENT



Industry

Gas transport

SAP Products Used

SAP S/4HANA on-premise, SAP Business Technology Platform (BTP), SAP Integration Suite, Event Mesh

Non SAP

Products Used

Coupa

THE CHALLENGES

The company had implemented Coupa to manage their procurement process, but purchase orders (POs) and purchase requisitions (PRs) needed to be synchronised between their two systems. The plan was to

integrate using BTP IS, however, the Coupa implementation team lacked the capability to connect via BTP IS. TheValueChain stepped in to perform the analysis and setup.

THEVALUECHAIN'S APPROACH

- 1 Gap Analysis & Assessment**
Reviewed the existing Coupa-S/4HANA integration, analysed integration flows, identified configuration gaps, and assessed areas needing development or customisation.
- 2 Collaboration with Stakeholders**
Worked closely with the Coupa implementation team and the internal project team to align on requirements, processes, and objectives.
- 3 Define Enhancements & Improvements**
Compiled a comprehensive list of required technical enhancements and improvements to ensure end-to-end support of the procurement process.
- 4 Prioritisation & Roadmap**
Evaluated the business impact and technical complexity of each improvement to create a clear, structured roadmap for implementation.
- 5 Implementation Oversight & Alignment**
Ensured all integration components adhered to SAP best practices, corporate IT governance, and security standards, delivering a seamless, compliant, and robust procurement process.

THE SOLUTION

We implemented integration flows connecting S/4HANA and Coupa APIs to securely and efficiently retrieve, transform, and exchange data between systems. S/4HANA-originating changes are handled through event-driven updates triggered by SAP Event Mesh, enabling real-time synchronisation and reducing manual intervention. For Coupa-originating data, time-based triggers were implemented to ensure periodic updates, compensating for its lack of native event support. By combining event-driven and scheduled mechanisms, we delivered a robust, reliable, and scalable integration framework that maintains high data integrity, supports end-to-end procurement processes, and ensures seamless, consistent communication across both systems.

KEY SOLUTION HIGHLIGHTS

- **Real-time data transfer** ensures that updates in S/4HANA are immediately propagated to Coupa.
- **Event-driven integration** uses SAP Event Mesh to automate communication between systems.
- **Reduced manual effort** eliminates the need for manual data synchronisation.
- **Improved data accuracy** minimises inconsistencies, ensuring Coupa always has up-to-date information.
- **Enhanced system reliability and performance** supports smoother procurement operations and better decision-making.
- **Flexible and transparent integration** provides a scalable framework adaptable to future needs.

BUSINESS OUTCOMES

Future-proof solution

Event-driven architecture ensures scalability and long-term adaptability.

Enhanced employee experience

Rapid, automated data transfer reduces delays and manual work.

Flexible expansion

New use cases can be easily added without disrupting existing processes.

Reliable synchronisation

POs and PRs are kept in sync through the BTP Integration Suite.

Stable solution

Ensures consistent, dependable data exchange between systems.

Proactive issue detection

Detailed logging allows potential problems to be identified and resolved quickly.



Why TheValueChain?

We are a leading SAP partner with over 400 consultants and a proven track record, ready to help you accelerate and adapt your business through digital transformation.

With our technical expertise and hands-on approach, we help you leverage SAP BTP and AI to turn your digital strategy into tangible outcomes, optimising your most critical business processes to drive real acceleration. As a trusted long-term partner, we enable you to anticipate industry challenges, harness technology to grow your business, and maximise the value of your SAP investment.



Unlock the Power of SAP Business Technology Platform

The SAP Business AI Platform unlocks its true power when it's fully leveraged to optimise your most critical processes. Organisations that move fastest will shape the future, and with the expertise of TheValueChain, you can turn intelligent technologies into real impact.

To help you get started, we're offering a 1:1 digital workshop to explore how to optimise processes, unlock innovation, and maximise your SAP investment.

Learn more...

Click here and we'll be in touch to help you accelerate your journey.



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Accelerate. Adapt. Act.