

# Solutions Catalog

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Comprehensive Parcel Shipping  
and Compliance Solutions





## About Us

ShipERP is dedicated to fostering digital supply chain transformation for companies, from privately held businesses to large, global enterprises. ShipERP's products provide sophisticated parcel shipping management functionality, helping enterprises achieve more efficient shipping operations while reducing labor and carrier costs. ShipERP Core and ShipERP Cloud are designed to fulfill business shipping requirements. With seamless integration of all your required shipping carriers and configurable business rules, ShipERP puts you in complete control of your supply chain.



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# ShipERP Core

## Fully Configurable Multi-Carrier Shipping Software for SAP ERP Users

Made possible through the power of ShipERP Core, multi-carrier and multi-modal shipping integration for small parcel and LTL carriers is now consolidated on one SAP-native platform. Conduct rate quotes, track shipments, and receive Proof of Delivery for over 250 shipping carriers, all in your own SAP environment. Because ShipERP Core is written completely in SAP's native programming language ABAP, it can seamlessly integrate with your SAP ERP system without middleware. Our standard API library can be called within SAP, enabling rapid integration with your connected solutions.



### DELIVERABLES

- ✓ Integration with 250+ shipping carriers
- ✓ Multi-carrier rate shopping & freight quoting
- ✓ Multi-carrier service selection & determination
- ✓ Shipment creation/cancellation within SAP
- ✓ Carrier label printing within SAP
- ✓ Generate shipping documents, like:
  - ⊙ Bills of Lading
  - ⊙ Commercial Invoices
  - ⊙ Certificate(s) of Origin
- ✓ Manual shipments (no delivery required)
- ✓ Domestic/International shipments
- ✓ Pick, pack and ship integration
- ✓ RF Process integration
- ✓ Track & Trace within SAP native delivery (VL02N/ VL03N) transaction
- ✓ Proof of Delivery within SAP native delivery (VL02N/ VL03N) transaction



### RETURN ON INVESTMENT

- ✓ Dramatically decrease shipment processing time
- ✓ Save shipping expenses
- ✓ Increase the number of processed shipments per day
- ✓ Improve accuracy of performance reporting
- ✓ Improve onboarding efficiency with easy-to-use interface

## Intuitive Shipment Processing in SAP Extended Warehouse Management

Gone are the days of maintaining multiple carrier shipping systems and internal interfaces. With ShipEWM, you gain the ability to control a myriad of shipment processes, such as Carrier & Service information, Billing Option, 3rd Party Account Information and Carrier Tracking Number, all within SAP EWM.

Need something that works with your business's unique processes? ShipEWM adapts to that with its completely configurable business rules. It also provides you with the ability to rapidly pick, pack and ship products directly out of SAP EWM. Since the design of ShipEWM on SAP's Enterprise Service Oriented Architecture (SOA) enables security, flexibility and business efficiency during the warehouse management shipping process, there's no need for any middleware.



### DELIVERABLES

- ✓ Multi-carrier rate quoting
- ✓ Shipment creation, tracking and proof of delivery
- ✓ Carrier label printing within SAP EWM
- ✓ Architectural Design allows for ease of Integration
  - Mobile RF Integration
- ✓ Real-time connection to carriers = Real-time updates to SAP EWM
- ✓ Rate shopping across multiple carriers within SAP EWM
- ✓ Documentation compliancy - Commercial Invoice, Certificate of Origin, etc.
- ✓ Domestic/International Shipments
- ✓ Integration into Outbound Delivery Order in SAP EWM



### RETURN ON INVESTMENT

- ✓ Seamless process as the solution sits within the warehouse management system
- ✓ Decrease shipment processing time
- ✓ Save shipping and carrier expenses
- ✓ Increase the number of processed shipments per day

## Parcel Shipping for Transportation Management

For narrower planning and transportation capabilities, ShipTM serves as an enhancement to the ShipERP Core solution with feature functionality like load planning, carrier selection, route management, and freight cost consolidation. Thanks to ShipTM being written in SAP's native ABAP language, there's no need for middleware to use the module. By using a configuration-based approach, optimization and consolidation rules are adjustable and easy-to-use. Designed around planning and transportation cockpit functionality, ShipTM represents a turnkey solution that eliminates inefficiency through its centrally managed interface.



### DELIVERABLES

- ✓ 3rd Party Freight Broker/Logistics Integration
- ✓ Freight Rating integration in Planning and Transportation Management screens
- ✓ Shipment tendering
- ✓ Request for Routing & Update Routing
- ✓ Planning deliveries screens
- ✓ Required document printing
- ✓ Delivery staging
- ✓ Shipment consolidation
- ✓ Freight cost consolidation
- ✓ Load & Route management
- ✓ Digital signature/Proof of delivery
- ✓ Direct sales order planning
- ✓ Shipment tendering through CarrierPORTAL



### RETURN ON INVESTMENT

- ✓ Save shipment planning costs
- ✓ Rate shopping allows for optimal carrier selection
- ✓ Gain business process efficiency

## Built-in SAP Freight Audit Software to Approve Invoices in Seconds

The perceived complexity of freight auditing drives some companies to outsource the process. With AuditERP, the process becomes accurate, easy, and efficient. The solution delivers a toolset to monitor and control transportation costs with acute granularity.

Because AuditERP is written in SAP's native ABAP language, you can compare electronically transmitted freight invoices to invoices manually uploaded to transactional shipping data in seconds. Adopting AuditERP as part of your logistics management process can help deliver visibility and reveal cost-saving opportunities so you can make the best use of your transportation resources.



### DELIVERABLES

- ✓ Compare carrier's freight invoice vs estimated freight costs during time of shipment
- ✓ Setup tolerances for freight payment amounts
- ✓ Create disputes for late delivery shipments and freight line-item costs
- ✓ Custom IDOC integration for EDI invoicing
- ✓ Invoice file upload capabilities: manual & electronic
- ✓ Report disputes directly to carriers
- ✓ Automatic posting of account document
- ✓ Monitor transportation costs:
  - ⦿ Line-haul charges
  - ⦿ Weight surcharges
  - ⦿ Accessorial charges
  - ⦿ Fuel surcharges
  - ⦿ Drayage fees



### RETURN ON INVESTMENT

- ✓ Increase accuracy of freight audit
- ✓ Speed up freight auditing process
- ✓ Eliminate manual audit processes to decrease errors
- ✓ Easily identifies discrepancies and provides functionality to report back to carrier

## Fully Configurable Multi-Carrier Shipping Software for SAP ERP Users

Is your company exporting goods out of the U.S. valued at more than \$2,500? If so, make electronic export documentation processing a breeze when you file with the United States Foreign Trade Regulations.

ShipAES eliminates the need to manually file export information through the Census Bureau's web-based system called ACE AESDirect.

As an SAP-integrated Solution, SAP ERP users gain the ability to automate export filing during the shipping process. ShipAES validates at a delivery or shipment level to ensure export compliance. Upon compliance, the filing is submitted to AESDirect for approval.



### DELIVERABLES

- ✓ Real-time federal regulation compliancy and ACE integration (formerly AES)
- ✓ ACE-integrated report alteration capabilities
- ✓ Electronic Export Information (EEI) status reporting, monitoring, and filing label printing
- ✓ Shippers Export Declaration (SED) status reporting and filing Delivery-level and shipment-level export compliance validation



### RETURN ON INVESTMENT

- ✓ Automate the filing of export information during the shipping process
- ✓ Save time and money with flawlessly executed fully compliant export documentation
- ✓ Continuously check status of XTN and ITN for concise transaction number reporting
- ✓ Increase efficiency and reduce costs with expedited shipping and compliance screening processes
- ✓ Prevent penalties and fines with guaranteed compliancy through federal governmental databases



## Automated Tariff & Local Customs Processing System in SAP for German Exporters

For German shippers exporting goods out of the European Union valued more than 1,000 Euros and/or goods weighing more than 1,000 kg, the German Customs Administration require export declaration be filed through the e-customs system: Automatisiertes Tarif- und Lokales Zollabwicklungssystem (ATLAS).

It's an EU-wide obligation for shippers to participate in ATLAS electronic export for all means of transport. Through ATLAS, companies file the customs declaration to be approved by custom authorities, then retrieve the Accompanying Export Documents (AED) and other necessary documentation.

ShipATLAS provides companies running SAP ERP with the ability to automate the filing of export information during the export process.



### DELIVERABLES

- ✓ Customs declaration submissions through rule determination, master data, and ATLAS code list
- ✓ Export declaration tracking with real-time customs notifications and decisions
- ✓ Certified for processing the following messages:
  - ⦿ EXP (Überführung/Erledigung or Transfer/Completion)
  - ⦿ EXT (Überwachung or Monitoring)
  - ⦿ EXQ (Statusauskunft or Status Information)
- ✓ Monitoring and handling of exports
- ✓ Read customs response and paperwork in SAP
- ✓ Logbook and logbook exporting
- ✓ Master data and code list maintenance
- ✓ Determination of field values via business rules



### RETURN ON INVESTMENT

- ✓ Automated custom export documents with business rules
- ✓ German federal customs compliancy and integration
- ✓ Fully integrated retrieval of AED
- ✓ Simplify and increase transparency of supply chain export logistics



## Address Validation Module for Stronger Confidence in Customer Shipment Data

Do you know companies can significantly reduce shipping costs, improve performance and customer loyalty by validating the addresses before it is shipped? More than 50% of businesses do not have strong confidence in their data. With real-time address validation functionality, you can increase your confidence in your address data.

The ShipAVM module performs street level address validation and provides suggested alternatives if an error is discovered before it is shipped. Due to ShipAVM's native integration with SAP, you're able to execute address validation directly in your SAP ERP system with no need for middleware.



### DELIVERABLES

- ✓ Street Level Address Validation within SAP at customer/business partner master record creation
- ✓ Street Level Address Validation within SAP at sales order creation
- ✓ Street Level Address Validation within ShipERP time of shipment creation
- ✓ Suggested alternatives for addresses with errors



### RETURN ON INVESTMENT

- ✓ Eliminate address correction fees
- ✓ Help determine residential addresses
- ✓ Provide global compliancy
- ✓ Improve accuracy of customer shipment data

## Denied Party Screening Module in SAP Powered by MK Data Services

Through a partnership with MK Data Services, ShipERP provides a cost-efficient and cost-effective denied/restricted party screening solution. Because this unique interface provides the capability to determine a denied party at Sales Order creation directly in SAP, with secondary screenings possible at Delivery Order creation, you can prevent wasted process, labor, and time further down your logistics flow. With government-certified denied party listings that are constantly reviewed and updated by MK Data Services, your enterprise can legally remain compliant without the hassle or sticker shock.



### DELIVERABLES

Enhance legal compliancy with performing denied parties screening against up-to-date MK Data Services' government certified lists via a web service call. The screening at the sales order level prevents wasted process, labor, and time, making your business activity both efficient and cost effective.

- ✓ Real-time denied party list screening
- ✓ Robust reporting for shipments and workflow processes
- ✓ False match recognition
- ✓ Government-certified denied party lists
- ✓ Automatic blocks for orders with sanctioned parties
- ✓ Shipping prevention based on screening checks
- ✓ Detailed list of reasons for shipment denial



### RETURN ON INVESTMENT

- ✓ Prevent waste process, labor and time
- ✓ Mitigate risk and avoid excess cancellation costs with shipping prevention
- ✓ Guarantee compliancy and avoid penalties with government certified denied party lists from MK Data Services
- ✓ Identify issues sooner and facilitate resolutions faster with false match recognition
- ✓ Ensure the safety of your enterprise when you securely identify parties involved in your transactions



## Hazardous Material Compliance Module for SAP to Ship with Ease

Shipping hazardous materials can be tricky with countless laws and regulations to navigate. Eliminate unnecessary steps from your hazmat process and take the burden of compliance away so your team can focus on their businesses. ShipHAZ solution provides companies running SAP ERP an easy way that your shipments are always compliant. It is designed to comply with CFR and IATA regulations to generate all required hazardous material forms and labeling, Code Tracking, and error validations.



### DELIVERABLES

- ✓ International Air Transport Association (IATA) and Code of Federal Regulations (CFR) compliant document and label creation
- ✓ Logistical coordination and compliance with OSHA, TSA, and HIPAA
- ✓ Numerous HAZMAT shipping functionalities:
  - UN code tracking
  - HAZMAT compliance validation
  - HAZMAT segregation by IATA, CFR, and ADR
  - Cartonization based on segregation rules and pack proposals
  - Carrier determination action sequence designed for HAZMAT regulations by region
  - Built-in HAZMAT auto-packing calculation for Q-values
- ✓ Ability to read hazardous information from SAP standard, dangerous goods master, and environmental health sources
- ✓ Integration with LabelMaster (DGIS):
  - Automatic updates of UN ID information
  - Dynamic check for hazardous material shipping validations
  - Image view of all required hazmat labeling



### RETURN ON INVESTMENT

- ✓ Avoid HAZMAT shipping fines with guaranteed IATA and CFR compliance
- ✓ Boost productivity and remove extra steps in your HAZMAT shipping process
- ✓ Reduce labor and eliminate the burden of compliance
- ✓ Comply with all standards set by the Hazardous Materials Transportation Act



## SAP Sales Order Integration Module for Fast and Efficient Freight Cost Functionality

Eliminate the need for freight-based calculations on various order entry scenarios with ShipSOI, the sales order integration module that provides customer service and sales teams with freight information in seconds. ShipSOI enhances the ShipERP shipping solution by adding freight rating and carrier mode/service determination at the time of sales order entry directly in standard SAP Sales Order entry screens (VA01/VA02/VA03). Because the solution is written in SAP's native programming language, ShipSOI removes middleware to maximize efficiency and deliver lightning-fast, real-time data.



No more waiting for transportation teams to calculate freight based on various order entry scenarios. Let ShipSOI empower the sales and customer service teams!



### DELIVERABLES

- ✓ Multi-carrier service selection and determination at:
  - ⦿ Sales Order Line-Item level
  - ⦿ Carrier/Service level within SAP Sales Order
  - ⦿ Ship-Set level
- ✓ Freight integration with e-commerce system within SAP
- ✓ Billing option determination
- ✓ Multi-carrier rate quoting at Sales Order level and shipping point level
- ✓ Packing proposal evaluation
- ✓ Track & Trace within SAP native sales order (VA02/VA03)
- ✓ Proof of Delivery within SAP native sales order (VA02/VA03)
- ✓ Available API library for e-commerce integration and CRMs



### RETURN ON INVESTMENT

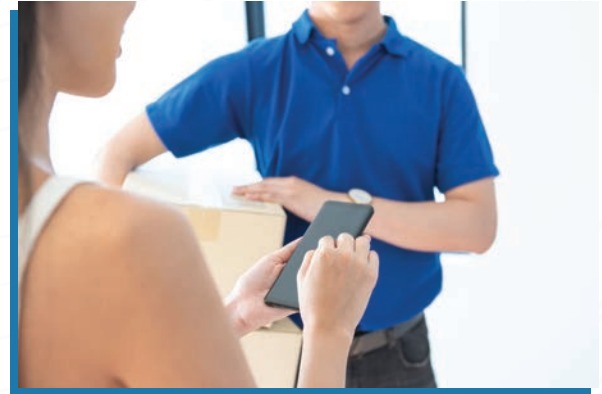
- ✓ Fully optimal shipping carrier determination
- ✓ Gain cost visibility within order entry at the sales order level
- ✓ Improve sales order efficiency before executing shipping orders
- ✓ Better customer service with real-time tracking information

# CarrierPORTAL

## Easy-Access SAP Web Portal That Connects You to Carriers in Real-time

When shipping providers are limited by the capabilities of their own integrated technology (or lack thereof), CarrierPORTAL delivers a mobile-friendly solution that bridges the gap between you and those providers. Ideal for companies that manage their own fleets, this portal solution allows shipping carriers, couriers or private fleets to see shipments assigned to them using a web browser or mobile device.

CarrierPORTAL provides visibility to shipments from pickup through delivery, affording the shipper seamless carrier integration and tracking.



### DELIVERABLES

- ✓ Real-time access to carrier performance, delivery statuses, payments, customer signatures, and more
- ✓ Digital Signature & Proof of Delivery updates on SAP Delivery
- ✓ Dashboard Reporting Standard ShipERP Reporting with easy-to-use interface
- ✓ Configurable HTML5 user-friendly interface with easy-to-use mobile integration



### RETURN ON INVESTMENT

- ✓ Eliminate manual processes to maximize shipment processing efficiency
- ✓ Save time with expedited invoice generation
- ✓ Improve customer service with accurate shipment tracking and estimated delivery times
- ✓ Gain stronger visibility for improved risk mitigation and optimized carrier performance

# SupplierPORTAL

## Convenient SAP Web Portal that Achieves Real-time Shipment Visibility with Suppliers

SupplierPORTAL is a web portal solution that allows suppliers to see purchase orders assigned to them using a web browser or mobile device. By accessing the portal, your suppliers can access a great range of inbound shipping functions, like search purchase orders, enter freight information, generate shipment notifications, and create carrier shipments on purchaser's account.

By using the portal solution, companies can standardize a supplier communication process that improves the collaboration between trading partners, provides better visibility and helps control freight costs. SupplierPORTAL engages with SAP in real-time to update purchase orders with supplier information which streamlines the process flow and allows the organization to track all shipping events.



### DELIVERABLES

- ✓ Portal access using desktop or mobile web browser
- ✓ Real-time access to supplier-generated shipment details
- ✓ Numerous inbound shipping functionalities:
- ✓ Numerous inbound shipping functionalities:
  - ⦿ Order acknowledgment
  - ⦿ Shipment notification
- ⦿ Supplier shipment creation
- ⦿ Tracking & proof of delivery
- ✓ Dashboard Reporting Standard ShipERP Reporting with easy-to-use interface



### RETURN ON INVESTMENT

- ✓ Maximize efficiency with instant data retrieval
- ✓ Exert complete control over inventory carrying costs and inbound cost savings
- ✓ Gain greater supplier collaboration through mobile portal access
- ✓ Achieve real-time visibility into your entire shipping process
- ✓ Improve onboarding efficiency with easy-to-use HTML5 interface

# ShipERP Cloud

## Multi-carrier Parcel Management Software on the Cloud for ERP Users

ShipERP Cloud is a cloud-native, multi-carrier shipping execution solution. The software provides a single platform for your organization to optimize and automate your shipment process. With its business rules engine, ShipERP Cloud can be configured for your unique shipping requirements, ensuring the ability to quickly adapt to the changes in your business for maximum efficiency and transparency.

Our technical team can enable rapid integration through APIs with your existing systems in weeks, not months.



### DELIVERABLES

- ✓ Integrate with major carriers, like FedEx, UPS, DHL and USPS (Endicia)
- ✓ Rate, create, label, track and cancel shipments
- ✓ Process shipments with shipping delivery documents
- ✓ Provide and store electronic Proof of Delivery
- ✓ Self-service configuration of your business requirements
- ✓ Edit and update commodity information within shipments
- ✓ Choose available special services for each carrier and carrier service
- ✓ Print and re-print shipping labels
- ✓ Approve authorized users and roles



### RETURN ON INVESTMENT

- ✓ Significantly decrease shipment processing time
- ✓ Save on freight and shipping costs
- ✓ Increase volume of processed shipments
- ✓ Improve visibility and accuracy of shipment data
- ✓ Scale your operations based on your business growth
- ✓ Fast and seamless ShipERP cloud integration with any system
- ✓ Enable an uninterrupted workflow of shipment processes
- ✓ Accommodate process changes and unique business requirements
- ✓ Approve authorized users and roles





*Increasing Supply Chain Efficiencies*

*Through Dedicated Shipment Optimization*



**SAP<sup>®</sup> Certified**  
Integration with SAP NetWeaver<sup>®</sup>

**SAP<sup>®</sup> Certified**  
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