ShipERP

Comprehensive Shipping and Compliance Solutions

Solutions *Catalog*

ERP
Integrated Solutions

About Us

As the creator of ShipERP, ERP Integrated Solutions is dedicated to increasing supply chain efficiencies for businesses looking to transform their order-to-cash process via shipment optimization. ShipERP is fully integrated out of the box to fulfill your business shipping requirements, certified by SAP for integration with SAP S/4HANA and SAP HANA and as powered by SAP NetWeaver. Experience maximum innovation and efficiency via integrated carrier rate quoting, transportation planning, shipping compliance, and other functionalities in a single namespace. Do you have the SAP ERP, SAP Extended Warehouse Management, or SAP Transportation Management applications, or SAP S/4HANA? ShipERP can integrate with them all.
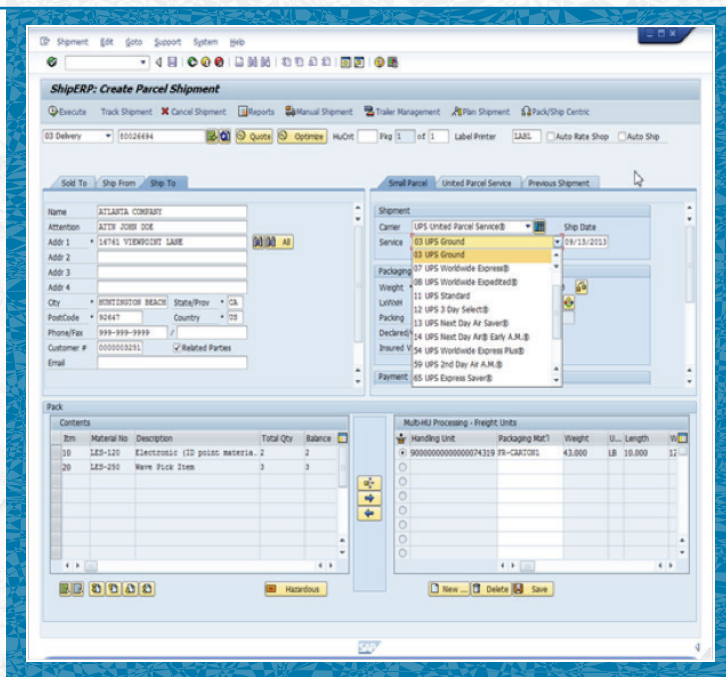
SAP Certified
Integration with SAP NetWeaver®

SAP® Certified
Integration with SAP® S/4HANA

SAP
Silver
Partner

ShipERP Core

Real-time multi-carrier and multi-mode shipping connection for small parcel and LTL carriers in one place is now made possible with ShipERP Core. Rate quote, track shipments, and receive a Proof of Delivery for over 250 shipping carriers, all in SAP. Furthermore, you can perform carrier determination and select specific billing options for each order via EDD.

DELIVERABLES

- Produces all required Exportation Documentation
- Enterprise Freight Quoting
- Architectural Design allows for ease of Integration into existing Business Processes
- Shipment Creation/Cancellation within SAP
- Carrier Label Printing within SAP
- Printing of Bill of Lading and Commercial Invoices
- Certificate of Origin, NAFTA Certificate of Origin, etc.
- Manual Shipments (no delivery required)
- Domestic / International Shipments
- Robust Reporting (Carrier Performance, Tracking, etc.)
- Packing and shipping integration
- Enterprise Track & Trace and Proof of Delivery within ShipERP Reporting
- Electronic Commercial Invoice
- RF Process Integration
- Track & Trace within SAP native delivery (VL02N/VL03N) transaction & ShipERP Transaction
- Proof of Delivery within SAP native delivery (VL02N/VL03N) transaction & ShipERP Transaction

TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- Single Platform to Process Shipments - NO MIDDLEWARE!
- SAP Certified ABAP Add-On Shipping Solution
- Resides in its Own SAP Namespace (/ERPIS/ShipERP)
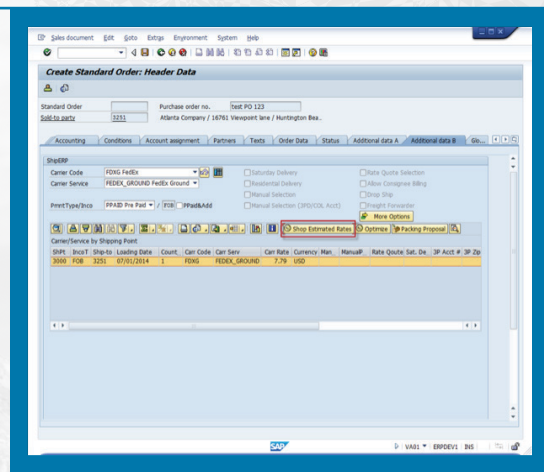- Completely configurable – contains its own IMG

RETURN ON INVESTMENT

- Dramatically decrease shipment processing time
- Save on shipment expenses
- Increase the number of processed shipments per day

ShipSOI – Sales Order Integration

ShipSOI™ – Sales Order Integration Module 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). This allows sales entry personnel and customer service representatives capabilities such as, packing proposal evaluation, freight rating, optimize rating, carrier option selection, carrier/service manual selection, billing option selection, line item rating, tracking and proof of delivery and more!

ShipSOI's functionality allows the organization to have freight cost visibility when it is needed. No more waiting for transportation teams to calculate freight based on various order entry scenarios. Let ShipSOI™ empower the sales and customer service teams with freight information on request. This easy to use sales order functionality provides fast and efficient freight costing functionality that takes seconds to obtain as order entry. This eliminates the need to request freight information for the transportation team and allows them to focus on the flow of transportation going out as well as coming into the organization.

✔ DELIVERABLES

- Full carrier and carrier service selection at shipping point or ship-set level
- Ability to integrate freight with e-commerce systems that are integrated with SAP
- Perform carrier determination at the sales order level
- Billing option determination
- Selectable carrier options at ship-set level
- Rate quoting across multiple carriers at Sales Order level
- Rate quoting at a shipping point level – multiple shipping point capability
- Track & Trace and Proof of delivery
- Packing proposal
- Carrier selection at sales order line item level
- Track & Trace within SAP native sales order (VA02/VA03)
- Proof of Delivery within SAP native sales order (VA02/VA03)
- Carrier determination and rate quoting at a carrier/service level within SAP Sales Order

✎ TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- Single Platform to Process Shipments - NO MIDDLEWARE!
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- Completely configurable – contains its own IMG

💲 RETURN ON INVESTMENT

- Optimal shipping carrier determination
- Freight rate at the sales order level to gain cost visibility within the order entry
- Identifying carrier options (such as requiring a signature) before executing order
- Readily available real-time track and trace information for customer at the sales order level

ShipAVM – Address Validation

Do you know companies can significantly reduce shipping cost, 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 checks a customer's address and provides suggested alternatives if an error is discovered before it is shipped. It performs street-level address validation within SAP at the customer/business partner master record creation, at sales order creation, or at time of shipment creation.

✔ 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

✎ TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- Single Platform to Process Shipments - NO MIDDLEWARE!
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💲 RETURN ON INVESTMENT

- Eliminate address correction fees
- Helps determine residential addresses
- Provides global compliancy

AuditERP – Freight Audit

Companies unnecessarily outsource the freight auditing functionality due to the perceived complexity of the process. With the right auditing tool, the process becomes efficient, accurate and alleviates the complexity. That is where AuditERP™ can help! By comparing freight invoicing that is electronically transmitted or manually uploaded to transactional shipping data that is stored in ShipERP™, AuditERP™ provides an integrated process within SAP® for the reviewing and approving transportation invoices. The solution delivers a toolset to monitor and control transportation costs such as line-haul charges, weight surcharges, oversize surcharges, assessorial charges, fuel surcharges and drayage fees to name a few.

With AuditERP™ as part of your logistics management process you will the visibility to your logistics costs and the ability to make the best use of the transportation resources. AuditERP™ is completely compatible with SAP ERP and ShipERP™

✓ DELIVERABLES

- Native SAP integration
- Ability to compare carrier's freight invoice vs estimated freight costs during time of shipment
- Setup Tolerances for Freight Payment Amounts
- Ability to create disputes for late delivery shipments and freight line item costs
- Custom IDOC integration for EDI invoicing
- Invoice file upload capabilities
- Dispute reporting to carriers
- Automatic posting of account document

TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- Single Platform to Process Shipments - NO MIDDLEWARE!
- SAP Certified ABAP Add-On Shipping Solution
- Resides in its Own SAP Namespace (/ERPIS/ShipERP)
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RETURN ON INVESTMENT

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

ShipSTM – Shipment Planning/Transportation Management

ShipSTM™ – Shipment Planning/Transportation Management Module enhances the ShipERP™ shipping solution by adding planning and transportation capabilities such as load planning, carrier selection, route management, and freight cost consolidation. ShipSTM's fast and efficient planning functionality takes seconds to plan shipments, which keeps your logistics operations focused on the flow of the warehouse processes. By using a configuration-based approach, optimization and consolidation rules are straightforward to understand and adjust. In addition, because of its integration to ShipERP™, the required electronic connectivity to carriers, freight forwarders and logistics providers to execute shipments is a simple turn-key solution through the ShipERP's portfolio of integrated carriers.

To further compliment the planning and transportation solution offerings in ShipSTM™, the solution is designed around a planning and transportation cockpit functionality which brings all functionality into a centrally managed screen hence eliminating multiple user screens and increases productivity. The cockpit offers functionality for shipment packing, freight rating, digital signature, and shipment closure process which includes printing of all required documentation based on origin to destination.

✓ 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
- Delivery staging
- Shipment consolidation
- Freight cost consolidation
- Load management
- Route management
- Digital signature

TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- Single Platform to Process Shipments - NO MIDDLEWARE!
- SAP Certified ABAP Add-On Shipping Solution
- Resides in its Own SAP Namespace (/ERPIS/ShipERP)
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RETURN ON INVESTMENT

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

ShipEWM – Extended Warehouse Management

ShipERP™ is a natively integrated multi-carrier shipping solution designed and certified for integration SAP Netweaver® and SAP HANA®. The ShipERP™ solution performs real-time carrier: rate quoting, shipment creation, shipment tracking, proof of delivery and label/documentation printing. The solution is completely configurable and provides the shipper the ability to rapidly pack and ship products directly out of SAP EWM (native integration). Basing the design of ShipERP™ on SAP's Enterprise Service Oriented Architecture (SOA) enables security, flexibility and business efficiency during the warehouse management shipping process without the need for any middleware.

Shipping with Multiple Carriers Has Never Been Easier! The days of maintaining multiple carrier shipping systems and internal interfaces are a thing of the past! ShipERP™ fully integrates with the leading carrier systems, including but not limited to FedEx, UPS, USPS, and DHL. You gain the ability to control Carrier & Service information, Billing Option, 3rd Party Account Information, Carrier Tracking Number, Track & Trace Events within EWM. As an added benefit ShipERP™ can be integrated with Logistic Service Providers to leverage the visibility into carrier capacity, optimize transportation spending and provide a complete and cost-effective solution

DELIVERABLES

- SAP Certified and resides in its Own SAP Namespace (/SERPEWM/ShipERP)
- Architectural Design allows for ease of Integration – Mobile RF Integration
- Real-time connection to carriers = Real-time updates to SAP
- Rate shopping across multiple carriers within SAP
- Documentation compliancy - Commercial Invoice, Certificate of Origin, etc.
- Domestic/International Shipments
- Integration into Delivery Order Header in EWM

TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- Single Platform to Process Shipments - NO MIDDLEWARE!
- SAP Certified ABAP Add-On Shipping Solution
- Resides in its Own SAP Namespace
- Completely configurable – contains its own IMG
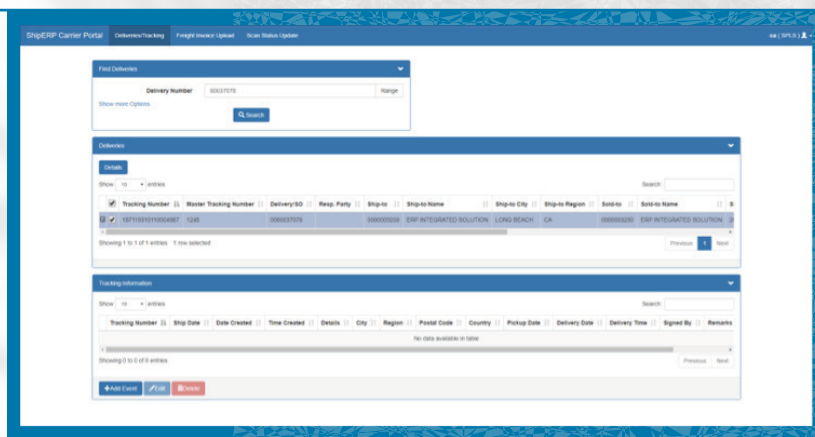
RETURN ON INVESTMENT

- Seamless process as the solution sits within the warehouse management system
- Dramatically decrease shipment processing time
- Save on shipment expenses
- Increase the number of processed shipments per day

CarrierPORTAL – Carrier Portal

Do you need to be able to integrate with a shipping carrier that has no technological capabilities? Let the CarrierPortal™ Module make it happen!

CarrierPortal™ is a web portal solution that allows shipping carriers, couriers or private fleets to see shipments assigned to them using a web browser or mobile device. By accessing the portal, the shipping provider can assign drivers to the delivery, provide tracking statuses (i.e. Pickup, In transit, Delivered, etc.) and have customers sign for deliveries. Imagine, no more faxing or emailing scanned delivery documents that have been signed by the customers. All event statuses are viewable in Standard SAP Delivery transaction (VL02N/ VL03N) including the proof of delivery signature! Real-time updating in SAP!

This solution bridges the gap with shipping providers where technology is not available by the provider for integration. Through its mobile-friendly interface, CarrierPortal provides visibility to shipments from pickup through delivery allowing the shipper seamless carrier integration and tracking. The solution is also ideal for companies that manage their own fleets and need visibility

✔ DELIVERABLES

- Portal access for carrier to view deliveries and provide tracking status using web browser
- Carrier Delivery Confirmation Functionality
- Mobile Integration
- Digital Signature Proof of Delivery updates on SAP Delivery
- Perform Dashboard Reporting
- Perform Standard ShipERP™ Reporting

✎ TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- SAP Certified ABAP Add-On Shipping Solution
- Resides in its Own SAP Namespace
- Completely configurable – contains its own IMG
- Configurable HTML5 user-friendly screens

RETURN ON INVESTMENT

- Capture Proof of Delivery to expedite invoice generation
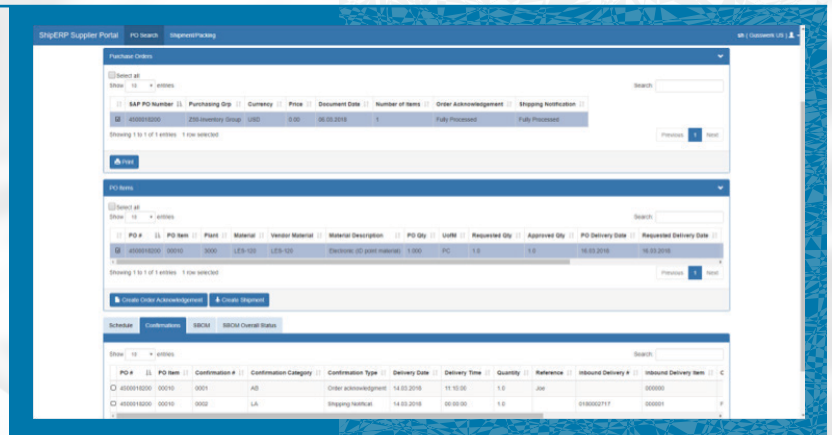- Gain visibility to shipments in transit

SupplierPORTAL – Supplier Portal

SupplierPortal™ provides Visibility, Collaboration and Freight Cost Savings when transacting 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, the supplier can search/lookup purchases orders, provide order acknowledgments, confirm on delivery dates, enter freight information, generate shipment notifications, create carrier shipments on purchasers account and generate inbound delivery. By using the portal solution companies can standardize on a process that all suppliers must use. This standardization helps with the collaboration between trading partners, provides better visibility and helps control freight costs.

The SupplierPortal interacts with SAP 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 for company and supplier collaboration using web browser
- Various inbound shipping functionalities
    - Order acknowledgment
    - Shipping notification
    - Supplier shipment creation
    - Inbound track and trace
- Perform Dashboard Reporting
- Perform Standard ShipERP™ Reporting

TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- SAP Certified ABAP Add-On Shipping Solution
- Resides in its Own SAP Namespace
- Completely configurable – contains its own IMG
- Configurable HTML5 user-friendly screens

RETURN ON INVESTMENT

- Complete control over inbound cost savings
- Control inventory carrying costs
- Gain visibility of material availability

ShipAES – Automated Export System

Requests for a truly Built-In SAP AES Solution have been answered!

For U.S. Companies exporting goods valued at more than $2,500, the United States Foreign Trade Regulations require that export information be electronically filed through Automated Commercial Environment (ACE). The Electronic Export Information (EEI), formerly known as the Shipper's Export Declaration (SED), serves the dual purpose of providing export statistics and export control. This exportation documentation reports all pertinent export data of a transaction. Until now the only way to file the export information was through the Census Bureau's web-based system called AESDirect.

The ShipAES™ solution provides companies running SAP ERP the ability to automate the filing of export information during the shipping process. ShipAES™ validates at a delivery or shipment level to ensure the export compliance. Upon compliance the filing is submitted to AESDirect for approval.

✔ DELIVERABLES

- ACE (formerly AES) compliancy and integration
- Certificate of Origin, NAFTA Certificate of Origin, etc.
- Native SAP integration
- Shippers Export Declaration (SED)/Electronic Export Information
- (EEI) filing screen & status reporting process
- Internal Transaction Number (ITN) returned and associated to delivery or shipment

TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- Single Platform to Process Shipments - NO MIDDLEWARE!
- SAP Certified ABAP Add-On Shipping Solution
- Resides in its Own SAP Namespace (/ERPIS/ShipERP)
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RETURN ON INVESTMENT

- Fully integrated submission of EEI
- Documentation creation
- Automatic assignment of ITN to SAP delivery/shipment/freight order document

ShipDPS – Denied Parties Screening

Partnering to Deliver Legal Compliancy!

ERP Integrated Solutions has partnered with MK Data Services to provide a "Denied Parties Screening" solution that is both efficient and cost-effective. ShipDPS™ has been written to function seamlessly (native integration) within SAP. Web Service calls are used to access MK Data Services to check the various certified Denied Party Listings in real-time. This unique interface provides the capability to determine a denied party at Sales Order creation in SAP. This prevents the wasted process, labor and time to check further downstream in your logistics flow and then only to stop the shipment. If there is a long lead time from Sales Order to physical shipment then a secondary screening can be done at Delivery Order creation. The ShipDPS™ solution will execute a "Delivery Block" for a shipment to any receiving party that matches to the "Denied Party Lists". The screening process is done against all identified parties/entities to the shipment and any related subsidiary and parent companies that are affiliated. A detailed reason for the denial is also indicated as part of the review against these listings. MK Data Services constantly reviews and updates their listings from the certified sources so our customers can be confident they are in compliance with this law.

✓ 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.

- Prevention of shipping based on screening checks
- Detail listing of reason for denial of shipment
- Integration at sales order & delivery level
- Native SAP Integration

📝 TECHNICAL SPECIFICATIONS

- Technology includes web services
- Single Platform to Process Shipments - NO MIDDLEWARE!
- SAP Certified ABAP Add-On Shipping Solution
- Resides in its Own SAP Namespace (/ERPIS/ShipERP)
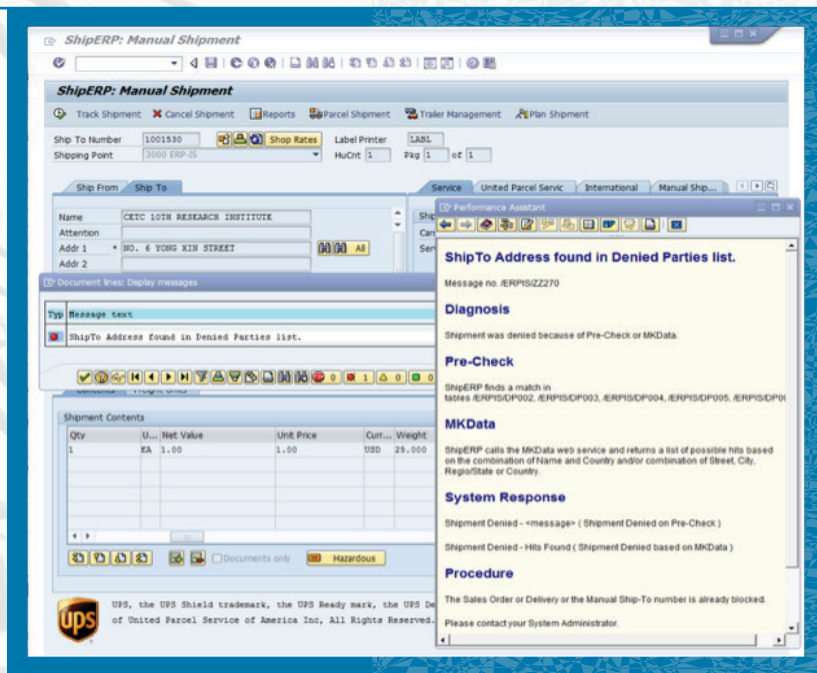- Completely configurable – contains its own IMG

💲 RETURN ON INVESTMENT

- Provides visibility to any potential issues
- Prevent manual efforts within order fulfillment process

ShipHAZ – Hazardous Material

Shipping Hazardous Material 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

- Ability to create documents, markings, labels (i.e. IATA and CFR)
- Track UN codes
- Validate and ensure hazardous materials compliance
- Ability to read hazardous information from SAP standard DG master and EHS source
- HAZMAT segregation by IATA, CFR, ADR
- Cartonization based on segregation rules and pack proposal
- Carrier determination action sequence designed for region HAZMAT regulation
- Built-in HAZAMAT Auto Packing Calculation for Q-values

📝 TECHNICAL SPECIFICATIONS

- Technology includes web services, HTTP Post, SAP ABAP, SAP BADIs, and SAP RFCs
- SAP Certified ABAP Add-On Shipping Solution
- Resides in its Own SAP Namespace
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💲 RETURN ON INVESTMENT

- Ensure security of goods delivered
- Ensure compliancy with CFR and IATA regulations
- Prevent shipping HAZMAT fines

ShipERP

Increasing
Supply Chain
Efficiencies
through
dedicated shipment
Optimization.

The Multi-Carrier Shipping Solution for SAP

ShipERP™ facilitates all forms of shipping. Whether it's Small Parcel Shipping, Less than a Truckload (LTL), full Truck Loads, (TL) or a combination of them all, ShipERP is the SAP certified solution for the job. ShipERP is a fully integrated SAP multi-carrier shipping solution designed to run on the SAP Netweaver Technology Platform. ShipERP performs real-time carrier: rate quoting, shipment creation, shipment tracking, proof of delivery, and label printing. ShipERP seamlessly integrates with carriers to increase the effectiveness of an organization's shipping operation. This allows the business to focus on reducing freight costs as well as closely managing the shipping process to achieve better efficiencies.

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