Shipping Solutions for SAP® Software

ShipERP™ Multi-Carrier/Multi-Mode Shipping Solution and Modules

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ShipERP™ Multi-Carrier/Multi-Mode Shipping Solution and Modules
• ShipERP™ Certified SAP ABAP Add-on Shipping Solution Core Product
• ShipERP™ Address Validation Module
• ShipERP™ Extended Warehouse Management Module
• ShipERP™ Shipment Planning/Transportation Management Module
• ShipERP™ Denied Parties Screening Module
• AuditERP™ Freight Audit Module
• ShipAES™ AES Direct Module
• ShipERP™ Hazardous Material Module
• ShipERP™ Sales Order Integration Module
• ShipERP™ Supplier Portal Module
• ShipERP™ Carrier Portal Module
• ShipERP™ Ocean Freight Management Module

ShipERP™ Carrier Portal Module
• Portal access into SAP system using web browser
  - Supplier login
  - Inbound shipping functionality:
    - Supplier able to view Purchase Orders Assigned
    - Purchase Order Acknowledgement Functionality
    - Enter estimated delivery date
    - Invert in freight weight and dimensions
    - Freight Rating
    - Shipment Creation with carrier
    - Inbound delivery creation
    - Tracking and Proof of Delivery on inbound shipments from Supplier
  - Perform Dashboard Reporting
  - Perform Standard ShipERP™ Reporting

ShipERP™ Supplier Portal Module
• Portal access into SAP system using web browser
  - Supplier login
  - Inbound shipping functionality:
    - Supplier able to view Purchase Orders Assigned
    - Purchase Order Acknowledgement Functionality
    - Enter estimated delivery date
    - Enter in freight weight and dimensions
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ShipOFM™ Ocean Freight Management Module
• Ocean scheduling
• Container booking
• Generate all required shipping documentation
• Ocean carrier determination
• Container track & trace with up to six status events including date of receipt, vessel loaded, departed and arrived
• Haulage determination and leg/stage modification capabilities

ShipERP™ Sales Order Integration Module
• Full carrier and carrier service selection at shipping point or ship-set level
• Carrier Determination at sales order
• 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 (V402)
• Proof of Delivery within SAP native sales order (V402)
• Carrier determination and rate quoting at a carrier/service level within SAP Sales Order

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ShipERP™ Multi-Carrier/Multi-Mode Shipping Solution Core Product

- Multi-carrier Shipping Solution for Small Parcel, LTL, TL, Air and Sea
- Integrates with over 200 carriers
- Produces all required Exportation Documentation
- Technology includes Web services, HTTP Post, SAP ABAP, SAP BADI’s, and SAP RFC’s
- One Single Platform to Process Shipments - NO MIDDLEWARE REQUIRED
- SAP Certified ABAP Add-On Multi-Carrier/Multi-Mode Shipping Solution
- Resides in its own SAP Namespace (/ERPIS/ShipERP)
- Completely configurable – contains its own IMG
- Fully integrated within SAP
- Centralized Installation
- Rate shopping freight rates between various modes of transportation (Parcel, LTL, TL, Air Freight and Ocean)
- Enterprise Freight Quoting
- Architectural Design allows for ease of integration into existing Business Processes
- Real-time connection to carriers = Real-time updates to SAP
- High-speed Package Processing
- Shipment Creation/Cancelation within SAP
- Carrier Label Printing within SAP
- Printing of Bill of Lading, Commercial Invoices, Certificate of Origin, NAFTA Certificate of Origin, etc.
- Manual Shipments (no delivery required)
- Domestic / International Shipments
- Complete Billing Option functionality (3rd Party, Collect and Prepaid)
- Carrier Determination
- Robust Reporting (Carrier Performance, Tracking, etc.)
- 3rd Party Freight Broker/Logistics Integration
- SAP PI (Formally XI) Integration available
- Prepaid and add determination
- Track & Trace within SAP native delivery (VLDZN) transaction & ShipERP Transaction
- Proof of Delivery within SAP native delivery (VLDZN) transaction ShipERP Transaction
- Packing and shipping integration
- Enterprise Track & Trace within ShipERP Reporting
- Enterprise Proof of Delivery within ShipERP Reporting
- Advanced carrier determination by mode of transportation, carrier and route based on routing guide, customer preference, expected delivery date and/or “best way” routing

Electronic Commercial Invoice
- RF Process Integration
- Shipper’s Export Declaration (SED) / Electronic Export Information (EEI)

ShipERP™ Extended Warehouse Management Module

- 100% Natively Integrated into SAP EWM
- ShipERP in SAP EWM does not require SAP ERP - ShipERP EWM Stands Alone!
- SAP Certified and resides in its own SAP Namespace (/SERPEWM/ShipERP)
- Centralized Installation & Completely configurable – contains its own IMG
- One Single Platform to Process Shipments - NO MIDDLEWARE REQUIRED
- Architectural Design allows for ease of integration - Mobile RF Integration
- Business Rules Engine
- Real-time connection to carriers = Real-time updates to SAP
- Rate shopping across multiple carriers within SAP
- Packing and Shipping Combined
- Shipment Creation, Carrier Label Printing, Tracking & Trace and Proof of Delivery, PGI
- Documentation compliance - Commercial Invoice, Certificate of Origin, etc.
- Domestic / International Shipments
- Integration into Delivery Order Header in EWM
- Carrier & Service information
- Billing Option
- 3rd Party Account Information
- Carrier Tracking Number
- Track & Trace Events

ShipERP™ Shipment Planning/Transportation Management Module

- Multi-Modal Capabilities
- Haulage determination and logistic modification capabilities
- 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

ShipERP™ Address Validation Module

- Street Level Address Validation within SAP at customer master record creation
- Street Level Address Validation within SAP at sales order creation
- Street Level Address Validation within ShipERP time of shipment creation

ShipERP™ Extended Warehouse Management Module

- Denied parties screening against MK Data Services government certified lists via a web service call
- Configurable pre-check functionality to screen prior to making web service call
- Prevention of shipping based on screening checks
- Detail listing of reason for denial of shipment
- Integration at sales order & delivery level
- Native SAP integration

AuditERP™ Freight Audit Module

- Native SAP integration
- Custom IDOC integration for EDI invoicing
- Invoice file upload capabilities
- Freight audit reporting
- Release or dispute status setting
- Dispute reporting to carriers
- Automatic posting of account document

ShipERP™ Hazardous Material Module

- Hazardous materials compliance
- Pricing of all required hazardous material forms and labeling (e.g., GHS and CFR)
- UN code tracking
- Error validations on hazardous shipments
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