

SHIPERP™

Multi-Carrier/Multi-Mode Shipping Solution for SAP



SAP

Partner



ShipERP™: The Complete Shipping Solution

ShipERP™ is a fully integrated multi-carrier/multi-mode shipping solution designed to run on the SAP Netweaver® Technology Platform to perform real-time carrier: rate quoting, shipment creation, shipment tracking, proof of delivery, and label/document printing.

This completely configurable solution provides the shipping company the ability to rapidly ship products during the pick/pack/ship process as well as selectively adjusting shipping services on the fly all while adhering to SAP Best Practices. Basing the design of the ShipERP™ platform on SAP's Enterprise Services Oriented Architecture (SOA) enables security, flexibility

and business efficiency during the shipping process without the need for any middleware.

Through ShipERP™ all shipping functionality is achieved. Whether you ship Small Parcel, Less than a Truckload (LTL), full Truck Loads (TL) or a combination of them all, ShipERP™ is the solution that can handle it. By leveraging the technology that the carriers can provide, ShipERP™ can integrate with them seamlessly using web services, HTTP Post, tracking/pro number algorithms, or pre-generated tracking numbers. This allows the business to focus on reducing freight costs as well as closely managing the shipping process to achieve better efficiencies.

Shipping with Multiple Carriers Has Never Been Easier

The days of maintaining multiple carrier shipping stations/processes in the warehouse is a thing of the past! ShipERP™ fully integrates with the leading carrier systems, including but not limited to FedEx, UPS, US Postal Service, DHL, Canada Post, Purolator, Con-Way and Yellow Freight. As an added benefit, ShipERP can be integrated into Third Party Logistic (3PL) Provider systems to leverage the visibility into carrier capacity, optimize transportation spending and provide a complete and cost-effective solution.

ShipERP™ is a "built in" shipping solution that will provide stability and technical efficiency throughout the logistics execution process. The solution can rapidly process shipments based on carrier determination logic which proposes the carrier and service based on configurable business rules. Through integration ShipERP™ can automatically update the Sales Order, Delivery and Shipment with the forwarding agent, freight cost, tracking number, tracking status, and any other process information required by the business.

KEY FEATURES

- Rate Quoting
- Street Level Address Validation
- Create & Cancel Carrier Shipments with Ease
- Carrier Compliant Label and Required Documents Printing
- Track and Trace
- Proof of Delivery
- Integrates with All Major Shipping Carriers
- Robust Reporting
- SAP Certified ABAP Add-On & within its own SAP Namespace
- Single Platform to Process Shipments - NO MIDDLEWARE REQUIRED!
- Completely Configurable and Centralized Installation
- Updating of SAP Deliveries and Shipments
- Domestic / International Shipments
- Trailer Management
- Delivery and Shipment Consolidation
- Shipment Tendering
- Freight Cost Consolidation
- Request for Routing
- Manual Shipments (no delivery required)

Technology Architecture

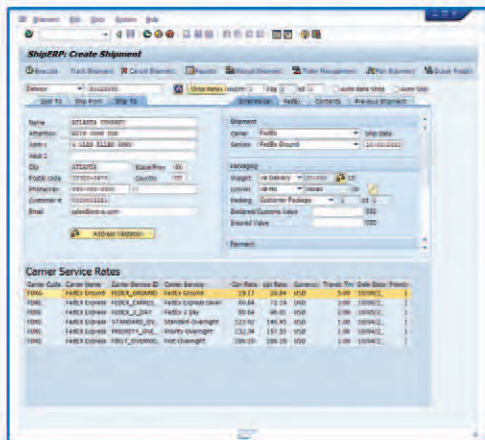
The ShipERP™ shipping solution is written completely in SAP ABAP. Central to its technology, is the use of web services within SAP to directly communicate and transact business with the major carriers that support this technology. By following Service Oriented Architecture (SOA) methodology it enables the ShipERP™ application to integrate seamlessly with carriers and provide real-time processing of shipments and tracking.

If a carrier does not support a Service Oriented Architecture (SOA) the ShipERP™ product can also utilize XML via HTTP POST or EDI processing to communicate with the carriers. Other options for integration include tracking number generation using carrier algorithms or pre-generated tracking numbers loaded into ShipERP™. Whatever the method of integration, ShipERP™ can support it.



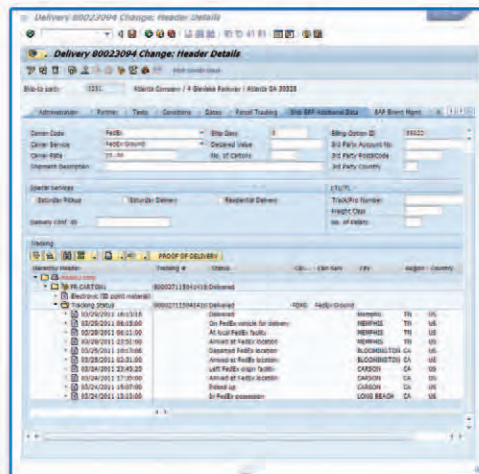
Flexibility

ShipERP™: Rate Quoting

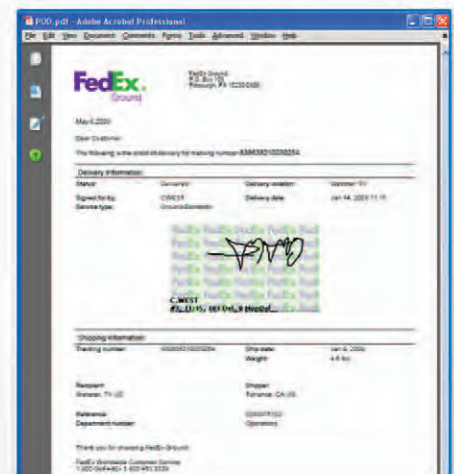


ShipERP™ comes delivered with a graphical user interface which provides all the functionality in one easy-to-use transaction within its own namespace. The solution provides multi-carrier/multi-mode shipping functionality encapsulated in function modules that can be called from anywhere in your business process without losing functionality which will keep the development costs within budget.

ShipERP™: Tracking



ShipERP™: Proof of Delivery



Compatibility

ShipERP™ runs on all versions of SAP ERP starting with SAP R/3 4.7 through ECC 6.0 with optional integration to SAP TM, CRM, EWM, and NetWeaver Process Integration (SAP PI).

Configurable Design

The ShipERP™ shipping solution is designed with a Configurable Architecture which resembles that of standard SAP configuration. This allows for more business logic to be addressed with configuration as opposed to heavy development. The product does allow for customization by providing User Exits and Enhancement points throughout the product. This makes future customization requirements easier and less costly to implement.

BUSINESS DRIVERS

- Labor Reductions
- Increase of Distribution Efficiency and Accuracy
- Future Development/Maintenance Costs Reduced
- Tracking Capabilities
- Carrier Compliance
- Proof of Delivery



Why Choose SHIPERP™?

There are many reasons to choose the ShipERP™ multi-carrier/multi-mode shipping solution. The most obvious reason is for the ability to have a single shipping platform that resides completely within SAP.

NO MIDDLEWARE REQUIRED!

This allows for creation of all required shipping labels and documentation to be produced right out of SAP. All transactional shipping data is stored in SAP for easy retrieval and reporting.

Another reason to choose this solution is for its fully configurable capabilities. Much of the business rules can be addressed through the configuration of this solution as opposed to spending time and money writing programs to address the business requirements. ShipERP™ is truly the complete multi-carrier/multi-mode shipping solution for SAP!

ShipERP™: Tracking Report

Tracking Number	Carrier	Origin	Destination	Status	Created Date	Updated Date
12345678901234567890	UPS	Atlanta, GA	New York, NY	In Transit	2010-10-26 10:00	2010-10-26 10:00
98765432109876543210	FedEx	Los Angeles, CA	Chicago, IL	Delivered	2010-10-25 15:00	2010-10-25 15:00
56789012345678901234	DHL	Munich, Germany	London, UK	Delayed	2010-10-26 08:00	2010-10-26 08:00

ShipERP™: Trailer Management

Trailer ID	Carrier	Capacity	Status	Created Date
TR1001	UPS	45000	Available	2010-10-26 10:00
TR1002	FedEx	35000	In Use	2010-10-25 15:00
TR1003	DHL	50000	Available	2010-10-26 08:00

Shipment Document	Carrier	Origin	Destination	Status
SD1001	UPS	Atlanta, GA	New York, NY	In Transit
SD1002	FedEx	Los Angeles, CA	Chicago, IL	Delivered
SD1003	DHL	Munich, Germany	London, UK	Delayed

BUSINESS DRIVERS

- Labor Reductions
- Freight Cost Savings
- Increase of Distribution Efficiency and Accuracy
- Future Development/ Maintenance Costs Reduced
- Performance and Cost Tracking Capabilities
- Carrier Compliant
- Proof of Delivery



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