



Logistics Execution for Global Trade

Overview

Logistics Service Providers (LSPs) including 3PLs, Forwarders, NVOCCs, 4PLs, Carriers and Portals have a window of opportunity to bring strategic value to their customers with trade chain collaboration. Shippers are demanding straight through processing for logistics execution to improve efficiencies and reduce inventories, and are looking to LSPs to play the key role. LSPs must now create strategic advantage for their service offerings by delivering:

- **Straight Through Processing with seamless integration of internal systems with shippers, portals, brokers, consignees, carrier insurance, inspection, and banks**
- **Automated Global Document Preparation, Determination, and Delivery**
- **Settlement services for letters of credit, wire transfers, site drafts, and open account**
- **Import and Export License Management with compliance**
- **Transportation management planning, execution and visibility**
- **Trusted, secure, and legally assured cross border transaction processing**

Enabling clients to ship goods reliably and on time, at the lowest cost, with minimal risk is the true measure of success in logistics execution. Unfortunately, most LSPs lack the infrastructure and software solutions to enable the Straight Through Processing (STP) required to fully deliver on this vision.

TRADEPAQ for Logistics provides the infrastructure to deliver logistics execution services for end to end trade chain collaboration. TRADEPAQ for Logistics provides solutions for workflow, document preparation, B2B integration, and settlement. It offers transportation management services, compliance, license management, plus security and authentication for assured delivery and the tracking of transactions.

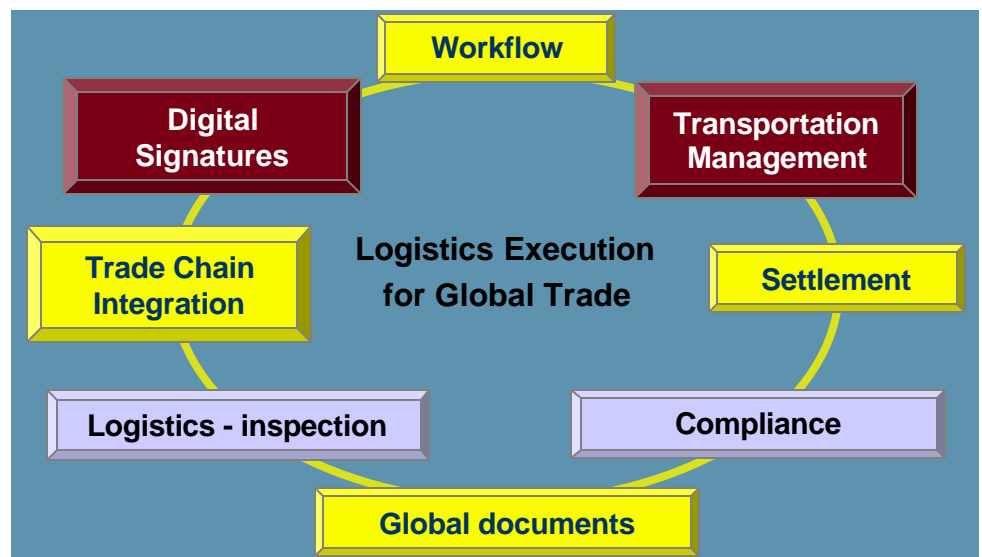
TRADEPAQ for Logistics is the foundation for:

- **Global Document Preparation**- determines documents needed for shipment; captures the data; generates client specific document output; and routes the documents to their destinations via fax, e-mail, print, XML, PDF, EDI, FTP, WAP, bolero.net™ and the Internet. Add in the TRADEPAQ document library with hundreds of global documents and rules determination content for a world class solution.
- **Workflow**-Rules-based triggers start up processes required to drive transactions to completion.. Event driven workflow creates notifications for the trade chain to take action when needed
- **Straight Through Processing-B2B** Integration enables trade chain collaboration with shippers, consignees, banks, carriers, forwarders, inspection services, surveyors, and insurance carriers to communicate data for full transaction integration
- **Settlement**-shippers and consignees can automatically settle through their banks using straight through processing for convenience, flexibility, and risk reduction
- **Security with Authentication**- Provides certificate-based electronic signatures and authentication using leading Internet security infrastructure services including bolero.net
- **Transportation Management**- Provides integration with the leading TMS systems providing Order Management, Shipment Planning and Optimization for a single source solution
- **Compliance with Import/Export License Management**- Delivering the leading compliance software, TRADEPAQ for Logistics offers denied party screening, landed costs, HS code determination and Import/Export License Management

Benefits

- **Retaining current customers**- existing clients are demanding trade chain collaboration with straight through processing in order to reduce costs.
- **Enhanced Service Offerings**- TRADEPAQ enables LSPs to deliver new document and integration services
- **Outsourcing Opportunities**-RFPs for outsourced logistics execution services require integration with ERP systems, banks, and other carriers and forwarders that TRADEPAQ for Logistics provides
- **Cost reduction**-Customs pre-clearance enabled by accurate documents with complete data, means reduction of shipment delays, demurrage costs, and trade finance penalties
- **Better cash flow**-By eliminating wait-time for documents, good ship on-time, and payments are received accordingly
- **Obtaining new customers**-Delivering customers their documents plus on-time shipments at competitive rates means new sales opportunities
- **Supply-chain efficiencies**-Delivers supply-chain efficiencies through shortened cycle times, lower inventories, improved cash flow, and reduced error rates
- **Fast integration of new clients** - Customer specific documents available when your service to the client begins
- **Fast shipments**-speeds shipments with change orders to the consignee using Electronic Bills of Lading and fully certified bolero.net title registry support
- **Quality**-Virtually eliminates documentation discrepancies
- **3rd party distribution Costs**- Eliminates 3rd party fax and document distribution costs while reducing paper to a minimum

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Functions & Features

Document Preparation & Delivery

- Determines accurate document set for shipment based upon ship from, ship to, HTS code, carrier, forwarder, value of shipment, method of transport, shipper, and consignee
- Populates documents using data from LSP system, customer systems, EDI, XML, plus Web based user input
- Generates a document set for a transaction as data becomes available
- Routes each document in the set to the proper destinations enabling multiple copies in different formats
- Prints document sets in the right languages based upon ship-to-destination or language code
- Integrates with LSP's internal systems to print custom documents with customer logos and graphics
- Enables re-prints and redistribution of documents to additional recipients
- Outputs via printer, e-mail, fax, XML, EDI, PDF, FTP, WAP, SMS, and bolero.net
- Enables pre-customs clearance and collaboration with brokers
- Creates compliant documents with terms of export LC advice
- Automatically sends SEDs electronically to AES and other country specific systems
- Document archive and retrieval enables recall, reprinting, and redistribution of historical records of transactions

Document Library

- Library of hundreds of trade documents ready for immediate use
- Standard Documents include: Commercial Invoice, Shippers Letter of Instructions, Bill of Lading Instructions, Master Bill of Lading, Marine Bill of Lading, House Bill of Lading, Master Air Waybill, House Air Waybill, Letter of Transmittal, Certificate of Analysis, Certificate of Origin, Packing List, Manifest, Inspection Certificate, Insurance Certificate, Insurance Cover Letter, NAFTA, SED, EUR1, SAD, Invoice, Purchase Order, Statement, Picking List, MSDS, IATA; plus hundreds more!
- Thousands of global determination rules for accurate document selection

Workflow w/Trade Chain Integration

- Manages the business processes specific to the processing of shipment transactions
- Event-driven workflow creates notifications for the trade chain to take action when needed
- Rules-based triggers start processes needed to drive transactions to completion

- Web-based data collectors enable entry of the data elements necessary to complete a shipment
- Archives transaction history, providing audit trails with date and time stamps
- Enhances usability and customer service through Internet-based workflow
- Connects securely and directly across multiple computing platforms, applications, and protocols
- Transfers real-time information between shippers, consignees, carriers, brokers, banks, carriers, insurance companies, surveyors, and inspection services using XML-based connectivity
- Sending, Receiving, Parsing and validating EDI and XML messages

Digital Signatures

- Digital signature-based security authenticates transactions and participants' identities
- Trade Chain transactions can be sent and confirmed via digital signatures
- Enables LSP to be part of a Trade Chain that provides trade execution guarantees with non-repudiation to their members

Archive and Retrieval

- Archives transaction history, providing audit trails with date and time stamps
- Archives document data and images, with a recall of up to 10 keys
- Document archive and retrieval enables recall, reprinting, and redistribution of historical records of transactions

Settlement

- Settlement via banks, credit cards, escrow, funds transfers, standard documentary credits, and collection terms with agreed closing and payment dates
- Enables the exporter to get paid quickly by delivering trade finance documents that agree with the bank's terms
- Accelerates advice of LCs and amendments and virtually eliminates discrepancies

Compliance

- Denied Party Screening - provides an easy-to-use system that performs complex searches to comply with OFAC and United Nations regulations
- HS Code Determination
- Landed Costs
- Import and Export License Management

Transportation Management

- Order management including: Manual Order Entry, Basic Quoting, Estimate Landed Cost and Quote Documentation

- Shipment Planning & Optimization including: Initial Planning of Order Release, Order Bundling, Itinerary Management, Rating/Costing, Routing and Scheduling
- Global in-transit inventory visibility
- Performance and carrier management analysis

Technology Highlights

- TRADEPAQ for Logistics is generally hosted by the LSP, and is also available from TRADEPAQ via an ASP service
- J2EE Compliant component-based technology
- Integrates with all LSP legacy systems, leading bank front ends and back-end ERP applications including SAP, SSA, JD Edwards, Lawson, Oracle and more!
- Supports JAVA browsers such as Internet Explorer or Netscape
- Provides full scalability as your business grows
- Incorporates patented rules-based functionality that addresses the unique last-minute requirements of logistics execution
- Runs on Microsoft, Solaris, UNIX, Linux, operating systems
- Supports interconnecting technologies including XML, ebXML, cXML, SWIFT, bolero.net, Identrus, RosettaNet, ANSI X12 & EDIFACT EDI, W3C, XML, and Microsoft BizTalk

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