



QAD TRANSPORTATION MANAGEMENT SYSTEM (QAD TMS)

QAD TMS provides the ability to manage planning and shipment execution including automated rating and routing, carrier compliant labels, and complete management of multi-modal shipping. It automates generating complex customs and export documentation, and screens for denied parties, helping ensure compliance with international trade regulations.

The components of QAD TMS— Freight Management, Global Trade Management, Trade Compliance and Package Exception Management — share a common platform and can share the same database, rules, workflows, and user interface. This allows you to implement best practices and standardize operational procedures throughout your organization.

You can configure workflow and rules to support your transportation and trade processes, and guide users through the processes required to complete transactions. For example, there may be one process for domestic shipments and a different one for international, including all required and optional steps—shipment rating, document/label production, compliance checks and other activities related to legal requirements, customer requests and company business processes.

Freight rating accesses up-to-the-minute carrier routes, published rates, surcharges and changes to service offerings, including customer-specific negotiated rates.

For international shipments, QAD TMS automates documentation production and customs reporting, helping companies adhere to regulatory requirements and reduce the hidden costs associated with global trade. QAD TMS calls on a comprehensive library of international, regulatory and multi-lingual documentation to ensure all of the documents required to complete a shipment are prepared correctly and presented to the right people at the right time, and in the right format.

Global Trade Management provides for integration with various customs authorities for electronic export declarations and produces the required documentation to support non-electronic filings, such as a Shipper's Letter of Instruction (SLI) for customers who file through a third party, such as a freight forwarder.

Additionally, QAD Global Trade Management helps companies comply with letters of credit, calculates European Union Common Agricultural Policy (CAP) refunds, and generates landed cost calculations.

When multiple carriers are used, Package Exception Management provides a single location

to get visibility into all shipments from the time of carrier pick-up through to delivery, with continuous electronic carrier status updates, priority alerts and color-coding to immediately point out critical issues.

Users can create and submit tracer requests for lost or damaged shipments electronically. QAD TMS captures and stores proof of delivery status, supporting compliance initiatives and streamlining processes for invoicing and audit purposes.

VALUE AND BENEFITS

The primary value you will receive from QAD TMS will be an accurate global view of in transit shipments. You will be better able to achieve your performance targets for key customer service and fulfillment metrics. You will get a greater return on the assets deployed in your transportation.

Increases transportation efficiency. QAD TMS helps optimize carrier and route selection to minimize cost and meet delivery requirements, generating labels and documentation to streamline the shipping process.

Reduces freight cost. Helps reduce freight costs by leveraging load planning techniques and selecting carriers based on the most effective routing. Additionally, correct documentation and on-time delivery reduces the need for costly expedites and premium freight.

Improves documentation accuracy. Reduces delays due to missing or incorrect documentation by producing required documents using a database of international, regulatory and multi-lingual documentation and creating electronic and nonelectronic customs filing.

Improves Delivery In-Full On-Time (DIFOT). Automatic alerts notify shippers immediately of potential delays.

Helps to meet industry compliance requirements. Uses continuously updated embargoed country and restricted party lists to verify customers and products before shipment.

Reduces risk of penalties. Embedded workflow designates required activities, including compliance checking prior to shipment. Selects carriers and routes to ensure on-time delivery, with all documentation required to avoid delays and missed shipment penalties.

KEY FEATURES

QAD TMS provides a complete set of tools to optimize shipments by air, sea, parcel, full truckload or less than truckload; provides international documentation and assists in compliance with international trade regulations.

- QAD TMS selects carriers by least cost per shipment using actual rates and chooses routes to minimize fuel consumption.
- Carrier selection respects customer preferences when customers have identified specific carriers and freight modes with customer-specific negotiated rates.

- The workflow engine identifies the sequence, required and optional steps, dependencies and responsible users/roles and automatically generates workflows based on the type of shipment and destination and guides users through each step.
- Creates required documentation and electronically files customs documents.
- QAD TMS automatically selects the appropriate documents based on the customer, product and destination and draws on a comprehensive library of international, regulatory and multi-lingual documents, including:
 - HAZMAT labels
 - Commercial and pro-forma invoices
 - Packing lists
 - Delivery notes
 - Customs declarations
 - Certificates of origin
 - Movement certificates
 - Shipping instructions
 - Insurance certificates
- Files electronic customs reports and produces required documentation to support non-electronic filings, such as a Shipper's Letter of Instruction (SLI).
- Checks customers and products ordered against current embargoed countries and restricted party lists.
- Generates carrier-compliant labels and advance ship notices for quick scanning on receipt.
- Builds loads in reverse load order.
- Multi-modal shipment tracking with built in alerts notifies the shipper of potential delays, early enough to react without the need for costly expedites.