

Global Logistics Orchestration

Beyond Visibility to the Business Impact

The inherent and increasing complexities of international logistics make disruptions — and resulting delays — ever more likely. But not all delays are equal, and not all warrant the same response. It is important to determine whether the delay impacts downstream processes before deciding the best course of action. E2open[®]'s Global Logistics Orchestration application provides the visibility needed to see unexpected events, intelligence to understand the impact and tools to resolve them by orchestrating corrective activities.

Robust supply chain visibility is crucial for companies to stay updated on the progress of goods or materials in motion from suppliers or factories to their destination. By harnessing reliable, real-time data, companies can better estimate when their shipments are really arriving and, more importantly, the impact of delays or early arrivals on their business to make proactive and informed decisions. Achieving this expansive visibility and control requires enabling technology that unifies an extensive network to connect all ecosystems. It also takes powerful artificial intelligence and machine learning algorithms to predict the business impact of logistics events.

E2open Global Logistics Orchestration builds upon shipment visibility to reveal how shipment delays will impact planned timelines, costs and service levels. E2open is uniquely positioned to provide this level of end-to-end supply chain insight to identify at-risk sales and purchase orders by utilizing in-transit milestone and predictive arrival updates combined with production and order data.

Key Features

- Uses a comprehensive milestone framework to capture and display significant updates, visually flagging missed deadlines
- Connects to downstream supply chain processes to understand whether delays or early arrivals will impact business
- Includes prescriptive analytics to recommend remedial actions when necessary
- Refines carrier-provided estimated arrival times with predictive analytics
- Integrates with a transportation management system (TMS) to handle remedial activities
- Provides shipment planning and consolidation capabilities at the order level
- Stores all shipment and trade compliance documentation in a global repository
- Sends exception-based alerts to call attention to any delays that impact downstream business processes

Key Benefits

- Raises productivity levels by reducing time spent on non-critical delays
- Allows users to evaluate tradeoffs and make the best business decision that balances cost and service
- Reduces costs for excess freight, demurrage, detention and expediting
- Increases speed-to-market, on-time performance and inbound supply predictability
- Helps achieve and maintain superior customer service levels
- Improves long-range decision-making through reports on historical trends and data on previous shipments
- Lowers need for inventory on-hand and other supply chain activities, minimizing impacts on the environment
- Breaks down functional silos across the supply chain for better collaboration

A Single Place To Plan, Ship, Track and Orchestrate

When delivery windows are tight, even minor timeline changes can have major consequences. However, it is important to know whether a change will impact orders before altering the course. E2open Global Logistics Orchestration is a single solution that provides real-time visibility and impact analysis capabilities to determine if remedial actions are necessary. It also includes predictive estimated arrival times and prescribed courses of action, plus transportation management and logistics optimization tools.

Visibility Into What Is Happening

The application collects real-time location data from logistics partners and third parties to provide one complete picture of all in-transit shipments, leg-by-leg to understand if shipments are on time. This view includes the current geolocation and milestones status across the entire journey on an interactive map to highlight any areas of disruption.

AI and Predictive Algorithms for Accurate ETAs

By leveraging e2open's two decades of field experience with machine learning and artificial intelligence (AI) in the supply chain, leaders gain a new level of predictive analytics for logistics. This application derives accurate

estimated times of arrival (ETAs) by assessing container events, port congestion, carrier routes and schedules and historical trends. It also factors in messages from overland carriers and Automatic Identification System (AIS) data to improve downstream collaboration.

Early Warning Impact Analysis

By utilizing in-transit milestone and predictive arrival updates, combined with order and production data, teams quickly understand how disruptions will affect sales orders and inventory — and ultimately revenue, inventory carrying costs and customer service. This helps companies respond proactively based on data about the actual impact rather than assumptions and rules of thumb. Exception based alerts empower teams to focus only on tasks that drive value for the organization.

Smart Planning for Optimal Logistics Decisions

When logistics managers have visibility into upcoming vendor shipments and order data, they can consolidate shipments and optimize container utilization. This helps ensure transportation capacity, reduces costs and lessens the environmental footprint of shipping activities, especially when container availability is low.

The Power of a Vast Carrier Network

E2open's network includes the industry's largest international and domestic carrier community, including thousands of ocean, air, rail and truck carriers, tens of thousands of freight forwarders and many of the most notable logistics service providers. Through integration with TMS and other applications, shippers can easily source and book alternate routing when needed.

Reporting and Analytics for Process Improvement

Configurable dashboards and analytics capture past shipment data for smarter future planning. These views show critical information, including overall shipment time, detention and demurrage time and on-time, in-full (OTIF) analysis. With robust, intelligent analytics, companies continuously improve supply chain performance.



Get real-time supply chain visibility to see delays before they happen, understand the business impact across all functional areas and take corrective actions to optimize outcomes.

About e2open

E2open is the connected supply chain software platform that enables the world's largest companies to transform the way they make, move, and sell goods and services. With the broadest cloud-native global platform purpose-built for modern supply chains, e2open connects more than 400,000 manufacturing, logistics, channel, and distribution partners as one multi-enterprise network tracking over 12 billion transactions annually. Our SaaS platform anticipates disruptions and opportunities to help companies improve efficiency, reduce waste, and operate sustainably. Moving as One™. Visit www.e2open.com.

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