



## Total Logistics Management

Given the extended supply chains within the global marketplace, companies need transportation strategies designed to achieve the service levels that customers demand while reducing costs. Companies today face numerous transportation challenges, including rising fuel costs, new regulatory mandates, and global operations with higher levels of lead time variability. All of these factors make transportation costs a larger percentage of the cost of goods sold.

Customers have increasing demands for transportation performance, higher on-time delivery performance, and reduced damage-in-transit. They expect transportation providers to be flexible and quickly adapt to order changes. Add to all of this an increased need for global freight visibility and control, and companies are scrambling to find the right solution to quickly address these challenges.

i2 Total Logistics Management accomplishes this by supporting processes including carrier contract negotiations, transportation network modeling, shipment order handling, freight planning, order execution and monitoring, and freight financial settlement. The solution suite encompasses transportation procurement, planning, execution, and monitoring.

### Features and Benefits

i2 Total Logistics Management creates value by synchronizing critical transportation and distribution business processes, resulting in optimal cost and service performance. Companies can minimize IT complexity and, through more accurate data, enhance collaboration with supply chain partners. By leveraging existing supply chain infrastructure investments, companies can lower their total cost of ownership while maximizing their return on investment.

### *Driving Financial Improvement*

Effective transportation management enables companies to reduce logistics costs by 5–25% through improved rates with carriers, more robust shipment planning, and greater process automation. i2 Total Logistics Management allows companies to reduce inventory levels through improved exception management and more reliable delivery performance. It also drives hard cost value through improved asset utilization, enabling the optimal deployment of private or dedicated assets and providing better common carrier capacity coverage.

### **i2 Total Logistics Management can enable companies to:**

- Establish integrated workflows between order management, transportation, and warehousing
- Optimize carrier contract negotiations with bid collaboration
- Plan transportation networks with “what-if” modeling
- Manage the entire transportation order execution life cycle
- Build loads that maximize capacity utilization
- Create least-cost shipment plans
- Conduct proactive monitoring and intelligent exception management
- Settle freight financial transactions with cost allocations as required
- Monitor key performance indicators and scorecards with online analytics

### ***Driving Operations Improvement***

A collaborative rate negotiation process that leverages bid optimization and network modeling enables companies to identify the optimal cost/service trade-offs and to align with the best partners. i2 Total Logistics Management enables companies to leverage more than 20 years of best-in-class logistics management solutions in complex areas such as backhauling, continuous moves, merge-in-transit, dynamic routing, integrated planning execution, events management, and hundreds of other transportation services.

### ***Driving Customer Service Improvement***

Effective transportation management enables improved on-time delivery performance, reduced damage-in-transit, and better visibility into shipment status. With i2 Total Logistics Management, companies can minimize service failures by efficiently handling high volumes during peak periods.

### **Solution Engagement Models**

An i2 Total Logistics Management engagement begins with a strategic diagnostic process that establishes key objectives, recommends strategies, and establishes best practices and change management initiatives. From there, i2's results-focused engagement models, which are built on a continuous improvement framework, foster rapid and continued incremental supply chain process innovation.

The traditional license model incorporates an on-site model build, and includes integration with existing ERP and SCM systems. The next step is a rapid on-boarding process, with a diagnostic for each business line. When the Total Logistics Management solutions are up and running, i2 provides support and maintenance as needed, while the customer runs day-to-day supply chain operations.

Customers can also leverage i2's leading-edge knowledge and domain expertise through i2 Operations Services. Companies outsource supply chain processes related to logistics management, bundling the services and solutions that they need. i2 Operations Services takes inventive, outcome-based approaches to resolving logistics management challenges—redesigning processes when necessary and implementing technology to reflect those process changes.



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