DXC Intelligent Freight

Transforming the transportation supply chain to drive operational efficiencies and on-time, defect-free transportation services

Features and benefits

Real-time tracking and visibility of trailers:

- Improve asset utilization
- Optimize trailer positioning
- Improve cross-dock productivity

Real-time tracking and visibility of shipments:

- Increase market share, grow accessorial revenues and open up new markets
- Improve customer service and reduce service penalties
- Reduce loss, damage and theft liabilities
- Mitigate service impacts due to weather, traffic and other disruptions

In the transportation industry, thin margins and fierce competition are driving companies to digitize their global supply chain to cut costs, improve operational efficiency, limit damage and loss, and increase on-time performance.

Whether the mode of transportation is trucking, rail, ocean or air, the mission of a transportation service provider is a simple one: Get the product from point A to point B as quickly, safely and efficiently as possible.

But there's nothing simple about a transportation supply chain. In the trucking industry, complex shipment consolidation in regional hubs is labor intensive and inefficient. Freight gets lost, damaged or stolen. Driver and equipment availability fails to meet fluctuating demand. Trailer loads aren't optimized for utilization and don't maximize profitability. Then there are unanticipated real-time events such as bad weather, traffic snarls, wildfires, and others, that can wreak havoc on routing schedules.

With 40 years' experience in the travel and transportation industry, six Transportation Global Centers of Excellence and more than 8,000 employees in 70-plus countries, DXC Technology understands the challenges that carriers face.

The DXC Intelligent Freight solution provides transportation service providers with visibility, health monitoring and actionable analytics of transport assets and freight throughout global supply chains. DXC Intelligent Freight maximizes equipment utilization, increases labor productivity, mitigates financial risk, improves customer service and opens new business opportunities for carriers.

Intelligent Freight is a unique solution that combines in a single offering fit-for-purpose internet of things (IoT) sensors from third-party suppliers, DXC's OmniLocation geospatial visualization, analytics and reporting software, and industry-specific consulting services.

With DXC Intelligent Freight, a dispatcher, dock foreman, customer service rep or network operations center (NOC) technician can sit at a dashboard and see where every truck is, follow every instrumented piece of freight, and combine that information with weather or traffic data to optimize routes on the fly and even get alerts when something goes wrong.

DXC Intelligent Freight can be delivered via the cloud, on-premises or as a service, with role-based configuration tailored to each person's job. For example, an operations manager in Dallas could see all of the geospatial tracking information associated with equipment or freight for that specific region.

In a broader sense, DXC Intelligent Freight enables carriers to leverage operational data that the system generates and to operationalize advanced analytics through a single

command center. The result is a smooth logistics network, efficient operations and improved customer service.

Here are examples of real-world challenges facing carriers and how DXC Intelligent Freight can address them:

Cross-dock optimization. At massive consolidation centers and transit hubs, freight from a supplier or multiple suppliers is offloaded from a trailer at one inbound dock door, moved across the dock and then loaded into a trailer at an outbound dock door, consolidating freight with cargo from many other shippers heading in the same direction.

By tracking trailers and leveraging system-generated data on the freight contained in each trailer, analytics can be used to optimize trailer positioning at the dock to minimize handling, lower costs and improve service times.

Ideally, if transportation firms can build "direct" loads or leave large shipments in the nose of a trailer when it arrives at a hub, they can eliminate unnecessary handling and reduce labor costs even more.

Driver productivity and safety. Federal regulations require that carriers maintain electronic logs for pickup and delivery (P&D) drivers who exceed defined hours of service or miles traveled in a certain period of time. Carriers must be able to track driver distances to determine which drivers and equipment need to have electronic logging devices (ELDs) and dynamically track and monitor driver time and distance to comply with the regulations. Installing ELD software on all equipment is very expensive, so it's important to limit the number of trucks that require this. DXC Intelligent

Freight's asset-tracking capabilities can help carriers comply with the regulations while reducing costs and optimizing fleet usage. In addition, the software can measure driver productivity, including the number of pickups and deliveries per hour or day, and late or missed pickups or deliveries. It can also enable assessments of driving behaviors and safety.

Loss and damage liabilities. Having to pay claims on lost or damaged freight is a serious problem in the transportation industry. With DXC Intelligent Freight, packages that are high-value, time-sensitive or susceptible to theft are tagged and tracked in real time, mitigating the risk of losing the item or missing guaranteed service windows.

Customer service. On-time service performance, which is simply the carrier's ability to meet a published standard or agreed-upon number of days from pickup to delivery, is one of the most critical measures of customer satisfaction. Nobody wants to pay penalties associated with a late delivery. A key benefit of DXC Intelligent Freight is its ability to track assets, optimize routes and adjust on the fly through IoT sensors communicating back to the DXC OmniLocation command center.

Asset utilization. Having the right asset in the right location at the right time is especially difficult due to fluctuating demand. A carrier might win a new customer or lose an existing key account, which means the requirement for trailers and labor can fluctuate dramatically. Carriers often lease equipment to fill gaps or move empty trailers from another location to another to fill the need.

DXC Intelligent Freight has a sophisticated asset-tracking capability to allow equipment to be proactively positioned where it is needed and can be used most effectively — saving costs, since fewer trailers have to be purchased, leased or moved while empty.

Profitability. Over time, DXC Intelligent Freight can detect patterns and reveal new insights into operational inefficiencies and challenges. Leveraging these insights can reduce costs, increase revenues and improve profitability. Plus, DXC Intelligent Freight's revelations can help companies understand where they need to invest to boost margins.

Business retention and growth

DXC Intelligent Freight can help companies retain business through improved on-time performance. It can also provide them with the opportunity to enter new markets or grow their business. For example, by leveraging IoT sensors that track not only location but also a shipment's health through temperature, humidity, air pressure and shock/vibration, companies can expand into transporting environmentally sensitive freight, high-value freight and freight susceptible to theft.

Bottom line: DXC Intelligent Freight can increase overall profitability and shareholder value for all modes of transportation, whether over the road, on the rails, across an ocean or in the air.

Learn more at www.dxc.technology/travel

About DXC Technology

DXC Technology (DXC: NYSE) is the world's leading independent, end-to-end IT services company, serving nearly 6,000 private and public-sector clients from a diverse array of industries across 70 countries. The company's technology independence, global talent and extensive partner network deliver transformative digital offerings and solutions that help clients harness the power of innovation to thrive on change. DXC Technology is recognized among the best corporate citizens globally. For more information, visit **dxc.technology**.

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August 2018