

7 Benefits of End-to-End Supply Chain Management



One of the biggest challenges for any company is logistics. Even though some time has passed since the pandemic's beginning, supply chain shortages continue to persist. Supply chain shortages can be attributed to several things, including a lack of truck drivers.

The shortage of truck drivers can be alleviated by utilizing LTL logistics. LTL consolidation implements efficient delivery routes that keep up with delivery schedules while keeping costs low.

What is a Single Point Consolidator/Shipper?

LTL is an abbreviation for "less than truckload freight shipping." Instead of having to fill an entire trailer, suppliers rent a portion of the trailer to ship their goods. A consolidated shipment is the combined result of multiple LTL shipments into one multi-stop truckload. The end result is optimized logistics and reduced costs.

Using a single truck to serve multiple vendors can be quite complex. A single-point consolidator manages this supply chain network. The consolidator makes sure that cargo reaches its final destination as it makes its way through the LTL web.

In short, the single-point consolidator will handle the entire logistical operations for their client. Clients can focus on other areas of their business, as the consolidator will manage the entirety of their distribution operations.



Benefits

1

Supply Chain Visibility

Consolidators will provide visibility throughout the entirety of the shipment. As cargo makes its way to different distribution centers on its way to the final destination, clients can easily view the product's location in real-time. Real-time visibility minimizes the likelihood of unwanted surprises during transit. Single-point consolidators manage everything from storage, transport, and inventory management.

Of course, accidents will happen from time to time. Enhanced visibility allows for immediate notification and resolution when things go wrong. Transparency is key when working with a consolidator. A good consolidator makes it easy for clients to see when delays do happen. Additionally, delays will include updated delivery estimates.

2

Reduced Costs of Refrigerated Transport and Storage

Using a consolidation service will have a positive impact on your profits. Instead of paying for a full truck to carry a partial load, clients can simply rent the portion of the truck that they need. A consolidation service will rent out unused portions of the truckload to other clients that have cargo traveling in a similar location, splitting the costs amongst all the clients.

The cost savings are maximized when shipping products that are temperature sensitive. As these goods tend to have an expiration date, time cannot be wasted. Instead of waiting for inventory to accumulate to the point of filling a full truck, producers often settled for paying for a full truckload when not all the space is needed. This dilemma is solved by partnering with a single-point consolidator. By utilizing LTL, shipments can be made anytime, regardless of inventory size, reducing product loss.

3

Reduced Backend Paperwork

When a company manages its own logistics, it involves a significant amount of paperwork. This is especially true for goods that are heavily regulated, such as:

- Foods
- Pharmaceuticals
- Medical supplies
- Chemicals

Regulating authorities tend to require frequent temperature checks, recordings, and other paperwork to ensure the quality of goods.

All of this paperwork and administrative tasks are handled by the single-point consolidator. While these regulations are important and necessary, they can be quite burdensome. By working with a trusted consolidator, these requirements are outsourced, allowing clients to focus on other aspects of their business.

4

Operational Efficiency

Single-point consolidators handle many aspects of their client's logistical operations. A consolidator will handle every step of the logistical chain. From working with partnered warehouses, transportation providers, and dock management, the consolidator ensures that everything runs smoothly.

Partnering with a single-point consolidator is an investment in supply chain resilience, which results in increased output capacities and shorter times to market.

5

Minimized Product Loss

While modern shipping is highly efficient, accidents do happen. Trucks that are involved in accidents tend to result in lost products. But the risk of lost product due to vehicle accidents is minimized with LTL. Instead of a small group of trucks carrying your goods, goods are carried by more trucks. When accidents do happen, the amount of lost goods is reduced when compared to traditional shipping methods. Essentially, the risk of lost goods due to accidents is hedged with LTL.

Additionally, single-point consolidators have extensive knowledge of freight safety. Consolidators have multiple safety procedures in place, reducing the risk of accidents occurring. Successful consolidators will also have highly specialized inventory management systems in place. Goods will be managed by a single point of contact, instead of relying on multiple shipping and warehouse vendors which creates more opportunities for products to go missing.



6

Delivery Assurance

There are many quality assurance metrics in the world of supply chains. Perhaps the most important metric is OTIF, or “on time and in full delivery.” OTIF measures a supplier’s ability to meet their delivery commitments. When a single-point consolidator is hired, they are responsible for meeting OTIF requirements. The concept of OTIF is fairly new, being established by Walmart in 2017.

While different companies will measure OTIF differently, it is usually calculated with a simple formula:

$$\text{On-time} = \text{Delivery Time} - \text{Confirmed Delivery Time}$$

and

$$\text{In-Full} = \frac{\text{Cases matching criteria}}{\text{Total number of cases}}$$

In a perfect world, supply chains would have an OTIF rate of 100%. Of course, the world is not perfect. Most companies place their OTIF goals between 80% and 90%. Mulder Brothers has traversed the ever changing market of 2022 and maintained an on time of over 92%.

7

Product Integrity / Real-Time Temperature Monitoring

Logistics is challenging enough on its own. Temperature-sensitive goods add another layer of complexity. Many temperature-sensitive goods, such as medicines, foods, and medical supplies, must adhere to strict storage and transportation regulations established by the FDA. A single-point consolidator assumes the responsibility for these regulations, including monitoring and recording temperatures in warehouses and cold trucks.

In addition to meeting regulatory requirements, the consolidator is responsible for minimizing the risk of spoilage caused by improper temperature control. A good consolidator will have systems in place to keep temperature-sensitive goods safe as they make their way through distribution channels.

The Mulder Brothers Difference

Mulder Brothers first began as a trucking company in 1971. As our roots are in trucking, we understand how logistics work from the ground up. Everything we offer to our clients is done in-house. This includes transport, storage, and inventory management. While other LTL companies rely on a multitude of vendors, we keep everything under one roof. This allows us to offer a single point of contact for clients. When questions arise, we can answer them quickly.

In short, we are a one-stop-shop for our client's logistical needs. All you need to do is produce the product, and we'll make sure it reaches its intended destination on time.

While there are many single-point consolidators, few are truly logistics companies. As we began as a trucking company, we have a deeper understanding of what actually happens on the road, on the docks, and in the warehouse. Our commitment to our customers has allowed us to grow rapidly. Today, we are easily a top-five consolidation company in regard to capacity and capability.

Our in-depth knowledge of cold chain logistics has allowed us to work with diverse industries, including agriculture products, foodstuffs, pharmaceuticals, chemicals, and floristry. When it comes to complying with regulations, meeting OTIF goals, and remaining transparent with our clients, few companies can compete with our quality of service.

If you have any questions about our capabilities, feel free to [contact us](#) anytime.





About Us

Established in 2008, Mulder Brothers Brokerage is a growing transport logistics business with nationwide coverage and world-class support. As our roots are in trucking, we understand how logistics work from the ground up. Everything we offer to our clients is done in-house. This includes transport, storage, and inventory management. In short, we are a one-stop-shop for our client's logistical needs. All you need to do is produce the product, and we'll make sure it reaches its intended destination on time. Contact us today to get started.



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