

Case Study

MSI Express



Summary

MSI Express is a contract packager and manufacturer delivering services to Fortune 500 food & beverage companies, with 15 facilities across six states in the U.S. As a long-time Nulogy user, MSI has evolved its digital processes to help achieve its corporate sustainability goals while delivering competitive service to its customers.

Company Overview

MSI Express is a contract packager and manufacturer delivering services to Fortune 500 food & beverage companies, with 15 facilities across six states in the U.S. MSI originally managed two sites when it first implemented Nulogy in 2014. Since then, the company has expanded rapidly, leveraging Nulogy to help scale up operations and bring on additional facilities.

In order to help its CPG brand customers reduce their Scope 3 emissions, MSI Express additionally has a mission to continually deliver on operational sustainability targets, which includes electricity and water usage as well as providing a wider selection of environmentally friendly packaging materials and services.

Challenges

Prior to implementing Nulogy in 2014, MSI needed to address the following challenges:

Manual process tracking

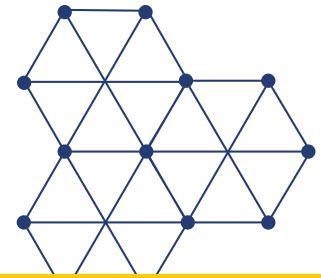
MSI's first two sites were managed through a combination of pen and paper-based processes and Excel and a homegrown Access database. These legacy systems lacked the capabilities needed to effectively manage shop floor operations.

Lack of inventory visibility

Additionally, due to the legacy systems set up at MSI, the operational team lacked visibility into inventory management data such as pallet level tracking or lot code tracking. This created challenging, time-consuming scenarios when bringing inventory to the line for production.

Sustainability commitments

Many of the largest CPG brands in the world, including MSI's customers, have committed to sustainability targets that involve the reduction of Scope 3 emissions, which includes suppliers and service providers within the brands' supply chains. MSI was committed to investing in its own initiatives to drive down its carbon and waste footprint to further meet customers' needs.



Bringing Nulogy to the table to allow us to really identify our biggest opportunities around waste in the entire supply chain, and present that to our vendors and our customers so we can work together to reduce that waste, is very important. It's where we're driving a lot of our pathways to net-zero and pathways to zero.



David Freed
Chief Information Officer,
MSI Express



Results

After implementing Nulogy at its sites, MSI Express has been able to heavily leverage Nulogy solutions to unlock new levels of sophistication in the way they run their business. Nulogy helps MSI deliver:



Improved KPI tracking and attainment

With the addition of Nulogy, MSI now tracks a larger set of performance metrics across the organization, such as profitability, receipt to consumption time, receipt to ship time, and day's sales outstanding.

MSI has also driven significant improvements in OTIF, attainment and contribution margin while reducing pallets on hold, finished goods at risk and many other supply chain metrics.



Data-enabled agility

Through operational flexibility enabled by Nulogy, MSI Express launched two new facilities with key customers in a single year, subsequently driving large increases in volume for their customers' retailer customers.



Waste reduction

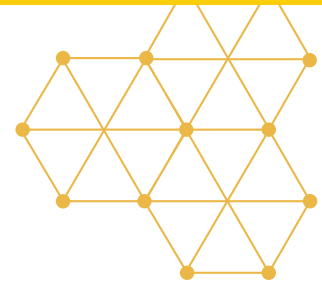
MSI now uses Nulogy for material tracking in order to drive out operational waste: 9,000 tons in 2022 were addressed via recycling and waste reduction methods, as well as 8,000 tons in 2021.



When we implemented Nulogy, our pallet location and inventory accuracy became significantly better. We didn't need to spend hours trying to find certain pieces of material to bring to the line.



Ryan McWethy
Plant Manager,
MSI Express



To learn more about how Nulogy's cloud-based solutions can deliver value to your co-packing operation, contact us:

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