

Safety Gloves Manufacturer Saves \$100K + / Year with Automated Dimensioning and Rate Shopping

A glove manufacturer and leading distributor of personal protective equipment (PPE) including masks and industrial safety gear, serving customers across every major U.S. region. With a robust product catalog, the organization plays a critical role in supplying warehouses, construction sites, and manufacturing facilities with essential safety supplies.

Operating from a centralized distribution hub in Minnesota, the company manages high-volume fulfillment handling an average of 1,000 parcels and approximately 35 pallets per day



Challenges



Manual Parcel Handling

Each parcel had to be manually measured and entered into UPS or FedEx systems, taking 3 minutes per order.



Shipment Backlogs

The team could only process ~200 parcel shipments per day, leaving hundreds of orders delayed.



Cost Overruns

Overcharges and invoice errors cost up to \$40,000 a day and were hard to dispute.

Solution



Automated Dimensioning with vMeasure

Deployed 3 Parcel Ultima systems and 1 Pallet Dimensioner to instantly capture weight and dimensions.



Smarter Fulfillment with Packchain

Packchain automated rate shopping, labeling, and invoice auditing in one platform.



Seamless Integration

Completed entire setup and training in just 7 days, with no disruption to workflows.

RESULTS



Parcel Processing Time for Outbound

Reduced time from parcel order ID scanning to label generation from 3 minutes to 30 seconds, enabling same-day shipping for over 1,000 orders daily.



Shipping cost savings

Saved \$31,000 in just 3 months and projected \$123,600+ annually. Transportation spend cut by 40% through automated rate shopping.



Pallet Processing Time for Outbound

Reduced from 5 minutes to under 2 minutes per pallet, with ongoing automation targeting processing times under 1 minute.



Carrier Negotiation

Accurate dimension data enabled contract renegotiations, saving \$700/day and reducing transportation spend by 40%.

About



vMeasure delivers automated parcel and pallet dimensioning systems that plug directly into warehouse workflows. Designed for speed and simplicity, vMeasure helps operations capture accurate dimension data in seconds—no bottlenecks, no downtime.



Packchain is a shipping intelligence platform that connects dimensioning data, carrier rates, and label generation in one place. With real-time insights, automated rate shopping, and invoice auditing, Packchain helps warehouses reduce costs and move smarter.