



AI Agents That Protect Customer Loyalty

Beamup finds and fixes supply chain failures before they cost you a repeat customer.

The Real Cost of a Supply Chain Failure Is a Customer Who Doesn't Come Back.

Enterprise teams already see the symptoms: the late delivery, the stockout, the claim. By then, the damage is done. Beamup correlates the upstream signals your systems track separately - a carrier dwell anomaly, a labor gap, a forecast deviation - and drives the corrective action before the customer is affected.

71%

of consumers have switched brands at least once in the past year
(Salesforce, 2022)

63%

of consumers will switch to a competitor after just one bad experience
(Zendesk, 2025)

\$890B

in US retail returns in 2024, 16.9% of all retail sales
(NRF, 2024)

Loyalty-Eroding Failure Modes That Compound at Scale

Manual execution creates compounding failures:



Stockouts Events



Shrink & Loss



Labor Inefficiencies



Split Shipments



Excess Inventory

Every week, 5,000 to 15,000 execution failures slip through an operation.

Teams can investigate fewer than 1%.

Beamup's AI agents diagnose and fix these failures continuously, at scale. So customer loyalty holds.

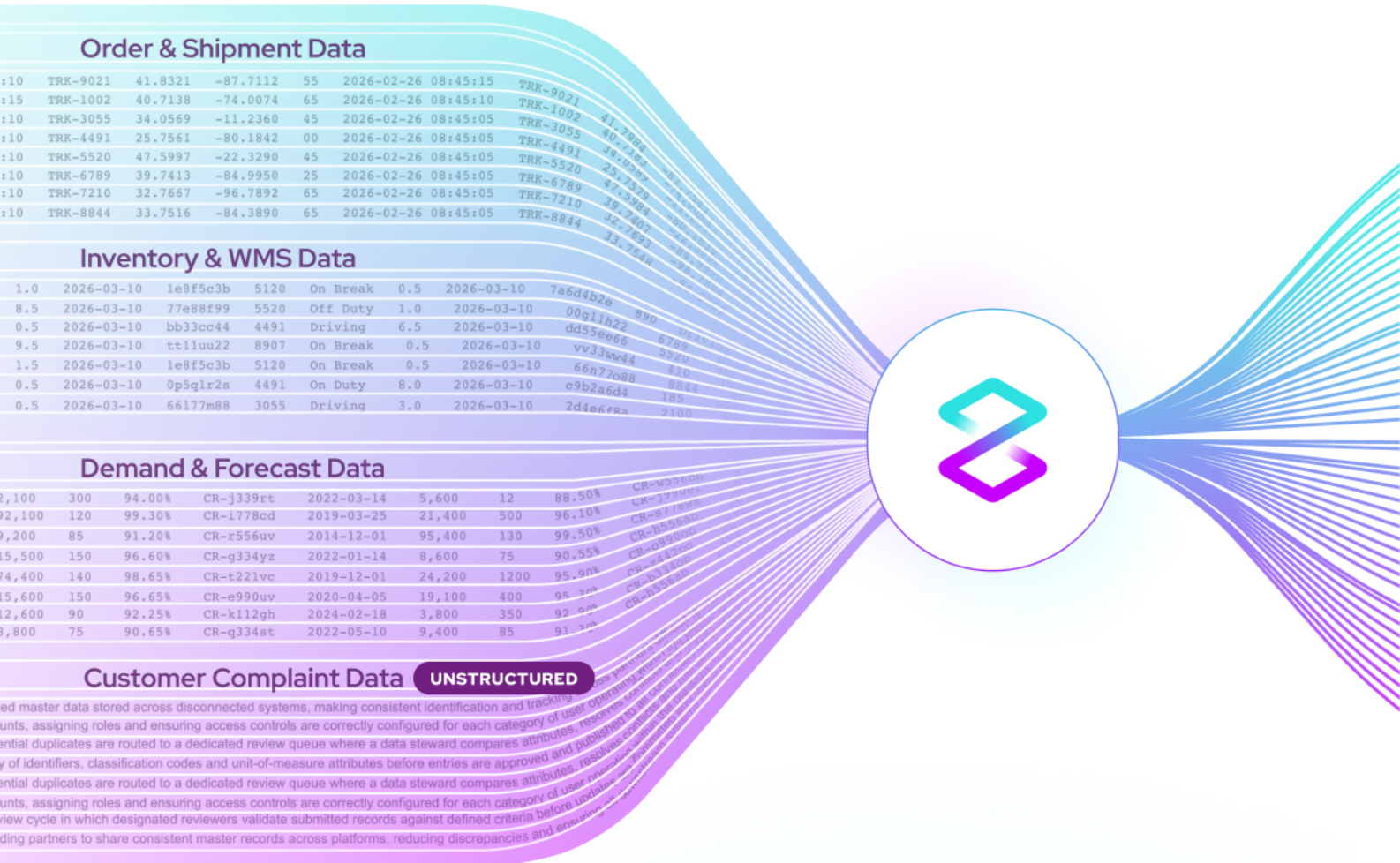
How Beamup Protects Customer Loyalty at Scale

Beamup is agentic execution for supply chain operations: the action layer that closes the loop from a signal to a corrective action. Not BI. Not a dashboard.



Data Collection and Analysis*

Beamup continuously ingests and unifies execution signals across your operations and supply chain, pulling data from 15 to 20 systems in your network into a single, real-time view. It integrates with the systems you already run - no rip-and-replace - and most enterprises are ingesting live data within days.



AI Agents Built Around Your Goals

Find the highest-priority failures across your network. Set confidence thresholds and the loyalty signals that matter most, from NPS and repeat purchase to on-time delivery and dealer fill rate. Each agent owns a line of your P&L.

Promise & Service Level Agent

Owns SLA credits, chargebacks, cancellations

At-risk order recovery

35% fewer stockouts on high-velocity SKUs

Carrier/lane breach

Fewer broken delivery promises

SLA/CPT roll-up

Higher OTIF – promise to your B2B customer holds

Put-away/dwell

Millions saved in avoided lost sales and unnecessary inventory

Loss & Fraud Agent

Owns shrink, theft, fraud, damage

Shrink hotspot + inventory accuracy

20% reduction in shrink and concessions

Driver risk scoring

Lower repeat-customer churn on delivery-failure-exposed cohorts

Claims/DBNR + in-transit/substitution

75% reduction in manual investigation time

Seller/vendor fraud (B09)

Steadier Trustpilot and App Store ratings after each fix

Cost to Serve Agent

Owns labor and throughput cost per unit

Labor staffing + reallocation + VAS

7% increase in units per hour without added headcount

Associate error + productivity

70% faster root-cause resolution

Replenishment + trailer sequencing

22% less excess inventory; 20% less overstock

Split-shipment

Fewer split shipments; steadier delivery promises

Configure the agent, set confidence thresholds, and define the loyalty signals you protect: NPS, repeat purchase, on-time delivery, dealer fill rate.

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Promise & Service Level ● Active

Detects and fixes the execution failures that break delivery promises before customers feel it.

Agent Missions

View the primary missions assigned to this agent and their execution scope.

Agent Mission	Scope
Improve OTIF and CPT compliance	45 facilities
Flag carrier and lane failures live	32 facilities
Catch at-risk orders before breach	67 facilities

Prioritized Insights with Quick Action Execution

A transparent, human-in-the-loop workflow that prioritizes operational fixes by financial value while maintaining absolute enterprise control.

Prioritized Insights with Dollar Impact

Agents surface the highest-priority failures across your network followed by full reasoning trace, a dollar value, and a confidence score, so your team always works on highest-value classes.

Context-Rich AI Reasoning

Get a proof for each failure. The agent transparently shows its work, validates assumptions step-by-step, and provides a clear explanation of how it arrived at the conclusion to eliminate "black box" risks.

Autonomous Corrective Action, Closed-Loop

Fixes run automatically –no manual triage, no recurring effort. Each recommendation becomes an action: human-validated on the first run, then automatic every time that failure mode appears again.

Insights

Last 30 days (Dec 29, 2025 – Jan 2, 2026)

ID	Summary
IN-2237771	Avoidable Shrink: High value items not stowed within SLA
IN-2237770	Promise Time Breach Trend: Sortation Center SC32
IN-2237772	Persistent customer-reported weekly SKU sales forecast causing 10% labor overruns
IN-2237789	Kerritech Private Label experiencing 22% stockouts across regional DCs due to demand spikes
IN-2237766	Purchase quantity variance for 30 items identified
IN-2237760	Temperature fluctuations in cold storage causing spoilage rate increase

IN-2237796 Promise Time Breach Trend: Sortation Center SC32

Overview Resolution Activity Owner Status **In Progress**

Insight

After analyzing the actual lead times of customer orders that have been delivered at least one day past the promised delivery date over the last 2 weeks, a pattern has been detected that Sortation Center SC32 is the cause of 85% of the missed promise date deliveries. SC32 has a standard lead time from receipt of the package into the center to exit from the center of 8 hours, but at the time of the breach, the center was understaffed.

Reasoning Trace

How the agent arrived at this insight

- Order Management System identified a trend of late delivery date over last 2 weeks**
 - Analysis period: Last 2 weeks (March 2-16, 2026) [View source](#)
 - Total late orders identified: 847 orders delivered 1+ days past promise date at \$15 per order = \$12,705 total value
 - Late orders represent 12.3% of total network deliveries during period
 - Average delay: 1.4 days past promised delivery date
- Reviewed standard lead time SLAs for each process step across the order fulfillment supply chain path**
 - Fulfillment Center pick/pack/ship SLA: 8 hours [View source](#)
 - Middle Mile transit SLA: 4 hours

Actions

- Schedule meeting with Sortation Center Manager to discuss process improvements and staffing plans Autonomously Completed
- Update Master Data for Kerritech Private Label SKUs to increase safety stock levels by 12% in DCs #234, #641 and #211 to improve OTIF % Create task

Results Driven by Automation

Enterprises using Beamup report:

Retail and D2C

+35%

on-shelf availability for the SKUs
customers come back for

20%

less overstock on slow movers that
quietly erode margin

20%

reduction in shrink and concessions
that drain the loyalty budget

Manufacturing

22%

less excess inventory blocking promise-
to-customer reliability

35%

fewer line-stopping stockouts that
break dealer and OEM trust

7%

increase in units per hour without
adding headcount


Customer Loyalty, Protected. **At Scale.**


Purpose-built AI agents for the supply chain failures that erode it.

11 Granted Patents

20+ Countries deployed

Contact us

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