

Inventory Intelligence

Protect value at risk across your network



Inventory Intelligence is a predictive control tower for your finished goods supply chain. Our solution simulates value at risk from manufacturing to the shelf. Combining **end-to-end visibility and predictive alerting**, Alloy's workflows help users sense, prioritize and respond to critical issues.

The cost of inventory visibility gaps	With Alloy
<p>Outages and unproductive inventory go undetected until they're already causing pain</p> <ul style="list-style-type: none">• Lagging service levels frustrate customers, depress revenue and incur fines• Spoils, returns and markdowns erode margins• Supply chain operators don't have the visibility they need to identify and solve problems	<p>Identify inventory risks and revenue opportunities in real time:</p> <p>Empower your teams to quickly make data-driven decisions and take action when the situation is less costly and easier to control</p>
<p>Siloed teams struggle to work together when adapting to demand spikes or supply disruptions</p> <ul style="list-style-type: none">• Visibility silos make it impossible to collaborate• Costly misalignment between sales, marketing, supply chain and planning• Constant firefighting causes teams to retreat into silos and hinders strategic improvement	<p>When reality deviates from your plan, respond as a team:</p> <p>Align everyone around a single source of truth by providing a unified and current view of supply and demand across your network</p>
<p>Disparate data leads to poor decision making</p> <ul style="list-style-type: none">• Critical collaboration is a constant battle because people only trust their own systems• Getting the answers you need to make decisions takes too long• Retail data, inventory positions, orders, shipments, forecasts and plans sit in different systems	<p>Empower your teams to make data-driven decisions at the speed of business:</p> <p>Everyone understands the impact of their decisions with an easily understood and complete picture of the upstream and downstream context</p>

Benefits

- **Protect your service levels**
Better anticipate and advise on customer orders across your network by mapping your best demand signal (POS) to your internal supply chain
- **Avoid losing market share**
Align inventory to capture opportunities, staying on the shelf to avoiding lost sales
- **Reduce working capital**
When your teams can better anticipate inventory needs across your network, you won't have to carry as much safety stock
- **Prevent lost sales and drive incremental revenue**
Proactively drive increased orders to capture opportunities, avoiding lost sales due to out-of-stocks or phantom inventory
- **Mitigate waste**
Make sure you're not overproducing or allocating inventory to places where it won't sell quickly enough

Product Details

CORE FEATURES

- Unlimited user seats
- Configurable alerts
- Predictive metrics
- Flexible dashboards & dashboard linking
- Weeks-of-supply simulations

- (customizable)
- Comprehensive data harmonization (product IDs, units-of-measure, shipping lane mapping, etc)

CONSUMER-GRADE WORKFLOWS

- Inventory health monitoring
- Shortage detection
- Order resequencing
- Shipment pacing
- OTIF scorecards
- New item execution

Use Cases

	Without Alloy	With Alloy
Order Allocation Influence your partners to prioritize or adjust POs, helping you prevent lost sales and OTIF fines	<ul style="list-style-type: none"> • Decisions have to be made too quickly to assess which orders are the most pressing • Partners won't adjust orders if you don't have a data-driven case to make • Inventory doesn't always go where it's most needed 	<ul style="list-style-type: none"> • Send inventory where it's most needed • Influence partners to change POs so you can avoid fines • Prioritize orders based on lost sales
Deployment Predict outages within your network so you can maintain services levels while keeping safety stock low	<ul style="list-style-type: none"> • Inventory managers are frequently caught off guard by shortages and unexpected orders • Over-reliance on manual data analysis leads to risks going unnoticed until it's too late • Alignment with cross-functional partners requires hours of back-and-forth 	<ul style="list-style-type: none"> • Predict shortages using Simulated Weeks-of-Supply • Make the right adjustments based on a full picture of the upstream and downstream impacts • Prioritize deployment based on the magnitude and timing of risks
Collaborative replenishment Identify & communicate opportunities to prevent lost sales or waste to your partners	<ul style="list-style-type: none"> • Your partners' replenishment algorithms don't always take the best actions for your business • Your retail network is too complex for you to manually identify lost sales or unproductive inventory • It is difficult to persuade your partners of the right adjustments 	<ul style="list-style-type: none"> • Identify and prioritize instances of lost sales and/or unproductive inventory • Manage by exception and focus on solvable problems • Make data-driven recommendations to your partners
Continuous planning Instantly identify unexpected demand patterns so you can correctly adjust shipments or production	<ul style="list-style-type: none"> • Adjustments often occur when problems are already causing considerable pain • Arbitrary adjustments are made because data can't be understood quickly enough • Decisions are made in silos 	<ul style="list-style-type: none"> • Identify and quantify item-locations with significant deviations from your plan • Inform your data-driven response with end-to-end visibility for finished goods • Work together as a team to adapt to change

The central nervous system for sales, marketing, supply chain and planning

Empower everyone to make data-driven decisions in real time. Adapting to change is a team sport. By creating a feedback loop between planning and execution, Alloy's connected platform provides decision support for sales, marketing, supply chain and planning teams.

Break down the silos separating your teams. Alloy is a single source of truth for supply and demand. End-to-end visibility allows all teams to speak the same language and collaborate using real-time intelligence.

Take control of your retail partnerships. Your retailers won't always make the best decisions for your business. Empower your customer-facing teams to proactively identify risks and opportunities at the shelf, using retail insights to influence your partners' actions and build trust over time.