

From Fragmented Supply Chain Systems to Trusted Operational Decisions

Lattice for Supply Chain

Unify supply chain data into governed, reusable data products for faster decisions across inventory, forecasting, supplier risk, logistics, and traceability.



FRAGMENTED SUPPLY CHAIN SYSTEMS

Siloed data across ERP, WMS, suppliers, transport, and warehouse systems.



Unified. Governed.
Reusable. Ready
for action.



OPERATIONAL OUTCOMES

Improve visibility, forecast accuracy, delivery performance, and traceability.



INVENTORY



FORECASTING



SUPPLIER RISK



TRACEABILITY

UNIFY DATA. BUILD TRUST. DRIVE OUTCOMES.

Why Supply Chain Leaders Choose Lattice

Lattice helps supply chain teams turn fragmented operational data into governed, reusable data products that support faster, more confident decisions.



30%

Less Excess Safety Stock

Connect demand, inventory, and replenishment signals to reduce overstock without hurting service levels.



15%

Better Forecast Accuracy

Combine sales, promotions, and market signals for faster, more confident planning.



20%

Fewer Late Shipments

Identify supplier and delivery risk earlier to prevent delays before they escalate.



50%

Faster Recall Response

Trace impacted products and batches quickly with governed lineage and compliance-ready evidence.

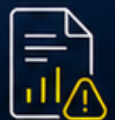
Common Supply Chain Challenges



Disconnected ERP, WMS, and supplier systems



Limited end-to-end operational visibility



Reactive planning and manual reporting



Compliance and traceability pressure



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From Data to Decisions Across Your Supply Chain

Lattice helps each stage of the supply chain become a connected, AI-powered data product — enabling teams to move from fragmented data to faster, more confident operational decisions.



1

Supply Chain Visibility

Unify ERP, WMS, IoT, and logistics feeds into a real-time operational view.



2

Inventory Optimization

Turn inventory, demand, and replenishment signals into trusted inventory intelligence.



3

Demand Forecasting

Connect historical sales, promotions, and market drivers for more accurate planning.



4

Supplier Risk & Performance

Bring supplier scorecards, delivery performance, and quality signals together to identify risk early.



5

End-to-End Traceability

Track products, batches, and movements across the supply chain for faster compliance response.

Typical Data Sources



ERP



WMS



POS



Supplier Portals



IoT/RFID



Logistics Feeds



Quality Systems



External Market Signals

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High-Impact Use Cases

Two of the fastest ways supply chain teams create operational value with trusted data products.

Inventory Optimization



Reduction in
Excess Safety
Stock



Data Sources

ERP transactions, WMS logs, point-of-sale feeds.



Lattice Flow

Connect → Demand Forecasting Agent → Automated Replenishment Signals



Business Value

Reduce excess safety stock without impacting service levels by combining demand signals, inventory positions, and replenishment logic into a trusted inventory intelligence data product.



ERP



WMS



POS



INVENTORY INTELLIGENCE
DATA PRODUCT

Demand Forecasting & Planning



Improvement in
Forecast
Accuracy



Data Sources

Historical sales, promotions calendar, external market indicators.



Lattice Flow

Connect → Data Product → ML-Driven Forecast Agent → Scenario Planning



Business Value

Improve forecast accuracy and planning confidence by unifying demand signals, promotions, and external drivers into an AI-ready forecasting product.



SALES HISTORY



PROMOTIONS
CALENDAR



MARKET
INDICATORS



FORECASTING INTELLIGENCE
DATA PRODUCT



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Operational Resilience and Compliance

Trusted data products help supply chain teams manage disruption, delivery risk, and traceability with confidence.

Supplier Risk & Performance Management

20%
Fewer Late Shipments



Data Sources

Supplier scorecards, on-time delivery logs, financial health APIs.



Lattice Flow

Federated Mesh → Risk-Scoring Agent → Alert Workflows.



Business Value

Identify high-risk suppliers earlier and act before disruptions affect service levels and delivery performance.

End-to-End Traceability & Compliance

50%
Faster Recall Response



Data Sources

IoT/RFID tags, quality audit systems, blockchain feeds.



Lattice Flow

Unified Lineage Graph → Compliance Audit Agent → Exportable Audit-Ready Reports.



Business Value

Trace impacted products instantly and generate compliance-ready evidence across the supply chain.

How Lattice Works in Practice



Pre-built Connectors

Connect ERP, WMS, supplier, logistics, and cloud data without complex integration work.



Data Products

Turn fragmented sources into governed, reusable operational products.



AI Agents

Support forecasting, risk scoring, traceability, and alerts with AI grounded in trusted data.



Governed Consumption

Use data in plain language, BI tools, APIs, and workflows with built-in policy control.



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SUPPLIER RISK

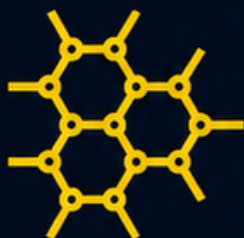


TRACEABILITY

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Explore the Supply Chain Use Case



lattice.com/industries/supply-chain



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