bSupply Connect

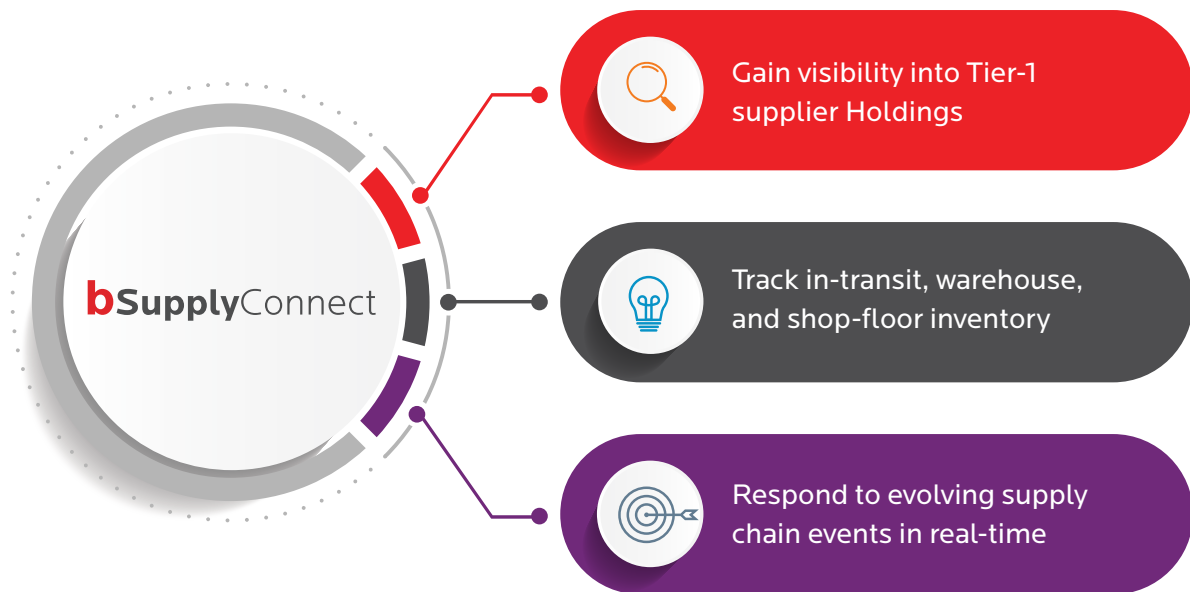# Build resilient supply chains with supplier inventory visibility and intelligent control

Gain visibility into supplier inventories, optimize distribution, and respond to supply chain events in real-time with a context-aware, bSupplyConnect solution

birla**soft**

Overview

Manufacturing supply chains are subject to numerous sources of uncertainty. Disruptive events in the supplier ecosystem and warehouse management can jeopardize business operations, impacting the customer experience and the business's bottom line. Manufacturers must build upward visibility into their supply chains to mitigate these risks.

Birlasoft's bSupplyConnect solution elevates supply chain agility with real-time insights.

bSupplyConnect

Gain visibility into Tier-1 supplier Holdings

Track in-transit, warehouse, and shop-floor inventory

Respond to evolving supply chain events in real-time

Achieve deep visibility into your global supply chain, mitigate unforeseen events using tactical insights, and orchestrate global supply chains more efficiently.

Lack of Vendor Stock Transparency:
Challenges and consequences

Out-of-stock products and delayed deliveries can alienate customers. To mitigate these issues, manufacturers resort to overstocking, which leads to strapped cash.

At the root of these issues is a need for more visibility into supplier inventories. This exposes manufacturers to supplier disruptions, which then cause expedited shipping, fallback to unreliable suppliers, and inability to fulfill orders.

Here are a few factors that make it challenging to achieve upstream visibility:

87%
of manufacturers need more visibility into the lists of their suppliers, which can cause production delays.

75%
use multiple legacy inventory management solutions, which create silos and lead to reconciliation issues.

43%
of CPOs are worried about procurement risks because of over-reliance on manual decisioning.

An Imperative Approach to Mitigating Challenges through Enhanced Supplier Visibility in Connected Inventories.

Attain Seamless Insight: Comprehensive Visibility in Upstream & Midstream Operations

From plant managers to supply chain directors, inventory transparency is a valued attribute for all stakeholders across the supply chain. It can help plant managers improve production plans and resource utilization and enable line managers to make better purchase and supplier decisions. Birlasoft's modular offering enables manufacturers to build complete upstream and midstream visibility into their supply chain.

Key Features:

01	**Tier-1 Supplier Visibility**	Gain real-time insights into suppliers' raw material stock and items in production.
02	**In-transit Inventory Tracking**	Track the status of in-transit stock and predict accurate lead times.
03	**Inventory Optimization**	Redistribute excess inventory amidst warehouses with a rule-driven redistribution engine.
04	**Exception Management**	Detect quantity mismatch and time deviation across the supply chain.
05	**Variable Safety Stock**	Configure varying safety stocks to optimize product and part availability.
06	**SC Decision Support**	Account for lead times and costs of parts to enable improved decisions.

Targeted capabilities for:

01

Plant Managers

02

Line Managers

03

Warehouse Supervisors
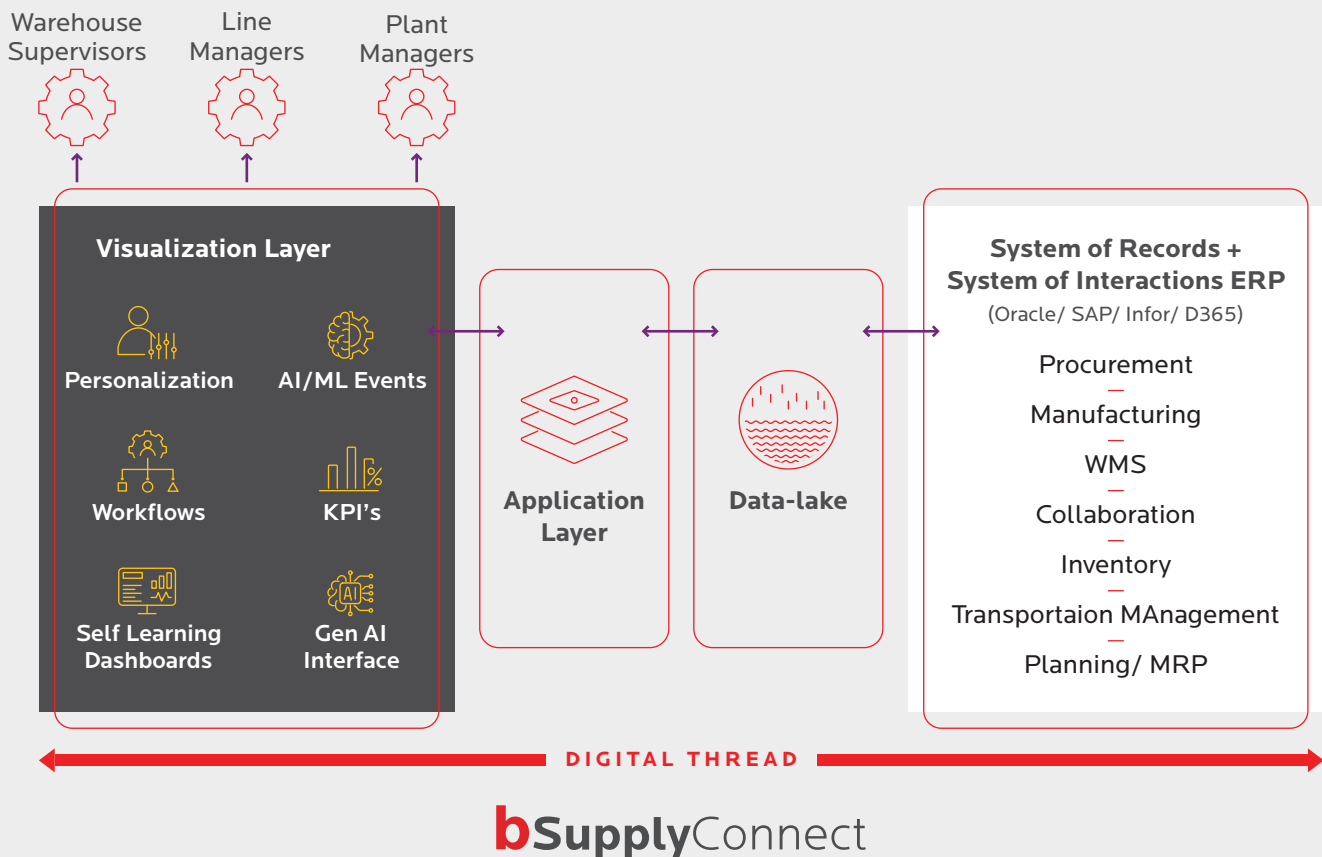
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Supply Chain Executives

How it works!

Birlasoft's solution is a one-stop shop for building complete supplier visibility for manufacturers. It integrates with relevant enterprise technology solutions of suppliers, carriers, and manufacturers to transform key supply chain workflows. Real-time data drive its inventory tracking and optimization and exception management capabilities and deliver accurate insights to supply chain personnel at the decision point.

1 Integrates ERP supply chain workflows with supplier ERPs, E-commerce, and carrier shipment Data to pull inventory information into a cloud-based data lake.

2 Transforms and processes this data to deliver AI/ML-based event alerts and insights with dashboards, real-time KPIs, and workflow mapping capabilities.

3 It can be set up in any leading public cloud environment.

4 Connected inventory-specific data model development.

5 Composable architecture for enabling plug and play implementation.

Business Reference Architecture

Warehouse Supervisors   Line Managers   Plant Managers

Visualization Layer

Personalization   AI/ML Events

Workflows   KPI's

Self Learning Dashboards   Gen AI Interface

Application Layer

Data-lake

System of Records + System of Interactions ERP
(Oracle/ SAP/ Infor/ D365)

Procurement
—
Manufacturing
—
WMS
—
Collaboration
—
Inventory
—
Transportaion MAnagement
—
Planning/ MRP

DIGITAL THREAD

bSupplyConnect

Elevating Supply Chain Excellence Through Proactive Inventory Visibility

The Strategic Advantages of Building Up and Midstream Visibility in Manufacturing Supply Chains:

1 Mitigate the risk of overstocking and stockout.

2 Support accurate production planning across facilities.

3 Eliminate the risks associated with supplier disruptions.

4 Achieve high order fill rates by maximizing production throughput.

5 Lower the logistics spend associated with order fulfillment and procurement.

6 Gain precise ETA forecast of in-transit inventory.

Elevating Supplier Visibility: Unveiling the Essence of Our Unique Solution

01

Dynamic up and midstream visibility into the supply chain, including stock in transit.

02

AI/ML based decision support capabilities for anomalous event detection and inventory optimization.

03

Enables users to see what they get with ready visualization mock-ups, ensuring maximum user adoption.

04

ERP agnostic solution can be configured to support any supply chain attributes.

05

Plug-and-play solution with a leading library of prebuilt visualizations in the manufacturing industry.

06

Up to 40% development effort savings with initial Fit-Gap Analysis and Gap Filling.

Eliminate disruptions by building upstream visibility into your supply chain with Birlasoft's bSupplyConnect Solution.

Contact us

Bold.Agile.Ambitious

Birlasoft combines the power of domain, enterprise, and digital technologies to reimagine business processes for customers and their ecosystem. Its consultative and design thinking approach makes societies more productive by helping customers run businesses. As part of the multibillion-dollar diversified CK Birla Group, Birlasoft with its 12,500+ professionals, is committed to continuing the Group's 161 year heritage of building sustainable communities.

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RESOURCES