


Brochure

iNXT
From LTIMindtree



**Leverage the Power of an End-to-End
Supply Chain Command Center**



A supply chain command center provides comprehensive visibility with actionable insights across multiple sectors. It helps proactively optimize and automate decision-making in the face of supply chain obstacles, predicting patterns and boosting efficiency from end-to-end.

Global Trends Impacting the Supply Chain

Several trends across the supply chain are driving the need for a more agile and sustainable supply chain solution that caters to global trends.



Persistent Disruptions

- Geopolitical conflicts
- Climate change events
- Economic pressures
- Domestic self-sufficiency and 'friend shoring'



Material Access

- Limited access to critical inputs
- Fluctuations in commodity prices
- Conflicts impacting trade routes
- Localizing supplies for stable and secure supply chain



Sustainability Focus

- Adaptation to manage extreme weather events
- Demand for control over scope 3 emissions



Demand for Agility

- Flexibility and the ability to rapidly adapt to market changes and regulations



Customer-Centricity

- Importance of customer experience
- Rising costs and changing consumption mechanisms



Customization Demands

- Increasing customer demand for customized necessitates new supply chain models to handle greater complexity

Key Sectors Impacted

The trends outlined above impact several key sectors. Thus, businesses across these sectors require a next-gen solution that provides more than mere visibility.



Oil & Gas



Manufacturing



Food & Beverage



Retail- Consumer
Packaged Goods



Life Sciences

Elements of a Supply Chain Command Center

Businesses across sectors need an end-to-end supply chain command center powered by cutting-edge technologies such as IOT, Advanced Analytics/Data Science, Machine Learning, and Gen AI to overcome challenges at every stage of the supply chain, enabling cross-functional processes.

Elements of an End 2 End Supply Chain Command Center

Siloed Control Towers

Integrated Supply Chain Command Center

| Supply Chain Command Center | | | | | | |
|---|--------------------------|---------------------|-----------------------|------------------|---------------------|---------------------|
| Procurement | Logistics & Distribution | Material Management | Inventory | Operations | Fulfilment | After Market |
| Supplier Mgt. | Inbound | Material Handling | Raw Materials | Capacity Mgt. | Service/Quality | Spares & Service |
| Contract Mgt. | Outbound | Material Planning | Semifinished Products | Production Mgt. | Order Verification | Warranty Mgt. |
| Order Creation | Cross Docking | Waste Management | Finished Products | Maintenance Mgt. | Picking & Packing | Customer Assistance |
| Proposal Mgt. | Visibility & Tracking | Inventory Control | Cycle Counting | Workforce Mgt. | Shipping & Delivery | Recall & Refurbs |
| Sourcing | Warehousing | | Safety Stock Mgt. | Facility Mgt. | Returns & Exchanges | Knowledge transfer |
| Market Analysis | 3PL | | Stock Rotation | Workforce Mgt. | Packaging | Upgrade Mgt. |
| | | | Economic Order Qty | Process Mgt. | | |
| Sustainability & Compliance Management | | | | | | |
| Cost & Risk Management | | | | | | |
| Performance & SLA Management | | | | | | |
| Quality Control & Verifications | | | | | | |
| Demand Planning & Customer/Vendor Collaboration | | | | | | |

Generative AI Use Cases

When the supply chain command center harnesses the power of Gen AI, businesses can unleash new capabilities in terms of optimizing their supply chain in a cost-effective and sustainable manner.



Demand
Forecasting



Inventory
Optimization



Supply Chain
Risk Management



Logistics
Optimization



Sustainability
Impact

What Benefits & Improvements Can You Reap?

| Benefits | Metric | Improvement |
|------------------------------------|---|---|
| Improved visibility | Increased real-time visibility of supply chain activities | 20% increase in real-time supply chain visibility 30%–50% increase in forecast accuracy |
| Reduced disruptions | Proactive identification and mitigation of disruptions | 20% – 60% reduction in supply chain disruptions |
| Optimized inventory management | Reduced stockouts and excess inventory | 10% reduction in stockouts and 5% reduction in excess inventory |
| Increased customer satisfaction | Improved delivery performance and reduced product defects | 20% – 30% increase in customer satisfaction and 5% reduction in product defects |
| Improved transportation efficiency | Optimized routes, schedules, and delivery times | 10% – 20% improved transport efficiency |

Visit <https://www.ltimindtree.com/inxt/> for details about our offerings.

Email us at Nxt.Communication@ltimindtree.com to learn more about the benefits of a supply chain command center.



LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 82,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit <https://www.ltimindtree.com/>.