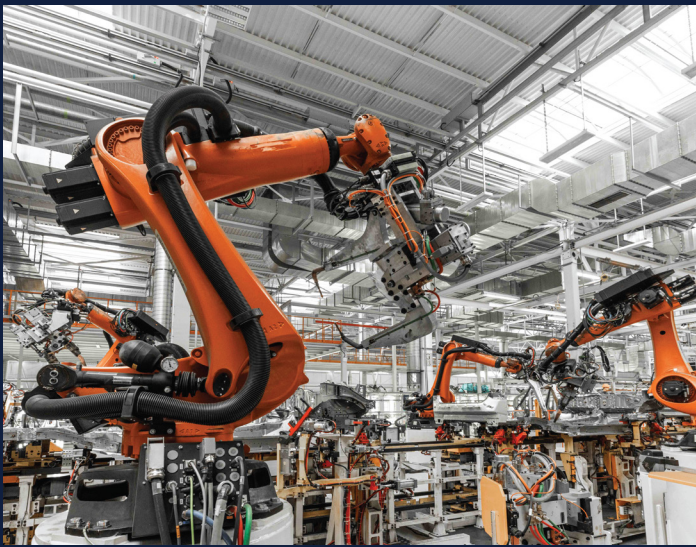# Supply Chain & Logistics

Advanced Analytics & Data Engineering capabilities for Logistics & Supply Chain Operations that deliver sustainable ROI

Our Supply Chain Offerings

Manufacturing

Improve production leveraging Digital Twins

- Production Enhancement
- OEE Improvement
- Predictive Maintenance

Improve quality using Computer Vision

- Defect Detection
- Workforce Management

Logistics & Transportation

Smart Warehousing

- Demand Forecasting
- Intelligent Appointment Scheduler
- Smart Labor Allocation
- Load Planning

Smart Mobility

- Fleet Management
- Driver Behavior Monitoring

Supply Chain Analytics

- Supply Chain Control Tower
- Price Optimization
- Cost Rationalization
- Labor Optimization
- Vendor Consolidation
- Root Cause Analysis

Use Cases that Have Flipped the Script on Business Outcomes

Manufacturing

Production Improvement

- Improved drug production & reduced drug wastage with 2.6% increase in yield
- Improved Overall Equipment Efficiency (OEE) for packaging machines with 2.5% increase in OEE
- Smart monitoring of motors to ensure maximum machine uptime with 5% increase

Quality Improvement

- Identified car damages through image analysis utilizing computer vision with 35% reduction in claim processing effort
- Identified empty shelves & determined out of stock SKUs using computer vision with 40% reduction in inspection effort

Logistics & Transportation

Smart Warehouse

- Improved demand forecasting to make an impact on warehouse efficiency with 95% demand forecast accuracy
- Improved facility turn time using a predictive appointment scheduler with 16% decline in trucks turnaround time

Smart Mobility

- 13% reduction in driver actionable alerts by monitoring their driving trends & increasing compliance via coaching & appreciation recommendation

Supply Chain Analytics

- Identified factors driving cargo delivery delay with 95% net SLA achievement
- Determined inventory level based on commodity price forecasting with 2% bottom-line impact
- Improved staff productivity using ML-based demand & capacity prediction with 9% utilization improvement
- Identified operational bottlenecks in transportation of products from suppliers to warehouses with 12% reduction in stock-out risk

About Straive

As a data analytics and AI operationalization company, we don't just build top-tier data analytics and AI solutions—we integrate them seamlessly into your core workflows. This approach drives enhanced efficiency, improves user experience, and boosts revenue, setting you apart from the competition.

Serving a diverse range of industries— including Pharmaceutical & Life Sciences, Logistics, Supply Chain & Manufacturing, Research & Publishing, Information Services, EdTech, Banking & Financial services, and Retail Tech, Entertainment & Media— we have a global client base spanning over 30 countries.

Our strategically positioned resource pool operates across seven countries, including the Philippines, India, the United States, Nicaragua, Vietnam, the United Kingdom, and Singapore, where the company is headquartered.

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