



AI-Integrated Platform Success Story

Forecasting, Inventory & Logistics Efficiency

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Case Study Report

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Enterprise-Level Company

DOCUMENT TYPE
Manufacturing & Distribution

CLIENT TYPE
1,000+ Employees

LOCATION
India

Sector Focus: Large-scale multi-SKU manufacturing & distribution with growing digitalization and ERP reliance.



Executive Summary

A large-scale manufacturer partnered with Translytics to transform its supply chain operations. Burdened by limited real-time visibility, manual ERP processes, and poor SKU segmentation, the company struggled with forecasting inefficiencies and logistics delays. Translytics deployed its AI-powered Decision Engine to streamline forecasting, inventory management, and replenishment — delivering real-time insights and smart automation.

₹4.75L

Monthly Savings

520

PR Time Reduction

10%

Forecast Accuracy

20%

Inventory Reduction



Challenge

The client struggled with:



Limited Supply Chain Visibility

- Manual processes within ERP
- No real-time view across inventory and logistics
- Time-consuming reporting and tracking



SKU Planning Inefficiencies

- No structured ABC/XYZ segmentation
- Forecasting inaccuracy across product lines
- Lack of proactive replenishment alerts

Business Impact



Forecasting deviations impacting availability



High excess inventory tying up capital



Resource burnout from manual interventions

Solution



Translytics AI-Powered Supply Chain Platform

ERP-embedded intelligence delivering real-time visibility and planning optimization.



Forecasting & SKU Intelligence

- ✓ Real-time forecast deviation tracking and NPI behavior monitoring
- ✓ Automated ABC/XYZ segmentation for better SKU-level planning



Inventory & Risk Analytics

- ✓ SKU health scoring and inventory aging detection
- ✓ Alerts for slow-moving and excess inventory



Logistics & Execution Visibility

- ✓ Live tracking of order fulfillment and logistics KPIs
- ✓ Seamless ERP-integrated dashboards for real-time decisions

Impact & Results

Qualitative Improvements

- ✓ Unified view of inventory + logistics
- ✓ Forecasting connected to execution
- ✓ Reduced firefighting with proactive alerts
- ✓ ERP elevated with decision intelligence

Annual Impact Projection

₹57L

Annual Savings

520

Hours Saved/Month

10%

Forecast Accuracy

20%

Excess Inventory Reduction

Technology & AI Implementation



AI & Machine Learning Components

- SKU health scoring engine
- Forecast deviation predictor
- Inventory aging analytics
- Real-time alert framework



Integration & Platform Features

- ERP connectors & dashboard embedding
- Automated report scheduling
- Role-based planning workflows

Future Enhancement Roadmap



Phase 2: Predictive Logistics

AI-led route optimization, delay prediction, and carrier performance tracking



Phase 3: SKU Rationalization

Lifecycle-based SKU clustering, portfolio planning, and discontinuation strategy



Phase 4: Auto-Replenishment

Trigger PRs and stock allocations using real-time demand and lead-time signals