

Forecasting and Inventory Deployment Implementation

Client

A \$27+ international retailer of apparel, lingerie, and personal care goods

Challenge

The client adopted an AI-driven forecasting, allocation, and replenishment system but needed expert support to manage its implementation. Key challenges included:

- A newly established Bangalore-based IT team still ramping up
- Complex international business requirements
- Lack of standardized processes leading to inefficiencies in demand planning

In addition, seasonality, size multiples, and fashion content made forecasting and inventory deployment challenging.

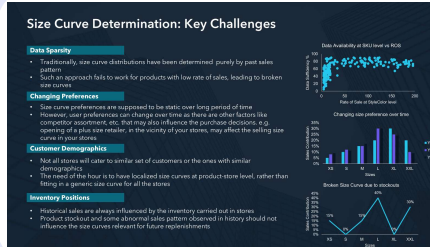
Approach

PRS led the AI-driven transformation, ensuring seamless system adoption and inventory optimization.

- ✓ Embedded local consultants to align the Bangalore-based IT team and accelerate implementation
- ✓ Transitioned from manual planning to an automated, exception-driven model that adapts to demand shifts in real time
- ✓ Enabled store-specific demand planning, automated alerts, and streamlined replenishment cycles.
- ✓ Designed the system for global expansion, integrating predictive analytics and flexible market-specific rules.

Impact

- 50% Less Manual Forecasting – AI-driven automation reduced reliance on manual adjustments, freeing up planners for strategic tasks
- More Accurate Demand Planning – Improved SKU-level forecasting minimized stock imbalances and optimized replenishment
- 40% Faster Order Fulfillment – Smarter allocation reduced excess inventory while improving product availability
- Seamless Global Scalability – The system now supports multiple geographies with adaptable, market-specific configurations
- Millions in Cost Savings – Enhanced forecasting and replenishment lowered inventory costs and improved efficiency.



Case Study

