

INFOSYS SIMPLIFIED SUPPLY PLANNING

Accelerating Retail Transformation

Retailers' prime challenge is how to manage demand and supply, effectively throughout the chain. Usually, overstock, understock, out of the shelf, slow response to demand, and poor visibility of inventory become disasters in terms of loss of customers, revenue blockage,

and margin loss. Retailers are looking for a solution that should be simple to manage and meet enterprise-level challenges. It should bring all business users to one common solution where they can easily and effectively manage the supply plan along with correct

visibility of inventory and demand.

Simplified Supply Planning brings all supply chain goals under one umbrella. This is a fully automated, self-learning, alert-based, self-optimized solution.

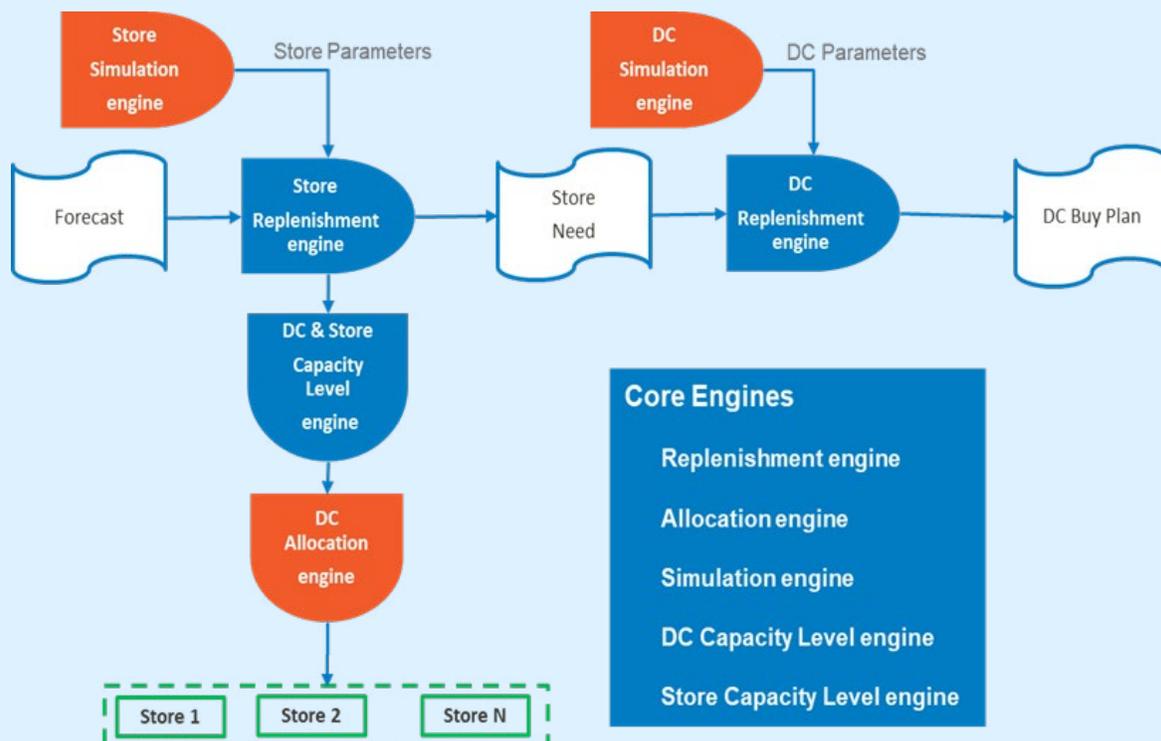
Solution Overview

Infosys Simplified Supply Planning is an advanced supply chain inventory planning solution that offers time-phased replenishment with warehouse and store-level order smoothening. The solution is designed to provide multiple methods of replenishment for producing a flexible buy plan for the entire chain. Outbound planning is designed with scientific algorithms for constrained allocations.



Solution Details

- Store replenishment is driven by forecast which is processed through store and capacity engine to smoothen the demands before allocations. In the next step, the Allocation engine applies all business rules to generate allocation plans
- Stores needs fed into DC replenishment engine to calculate vendor orders
- Store and DC simulation engines offers scenario-based analysis to optimize the parameters



Key Benefits

Auto-consider warehouse and store level constraints to smooth the supply orders

Homegrown Supply Engine to adapt to late changes in the supply chain

Process simulation for parameters optimization

Built-in constrained allocations by business rules like Fair-Share, SKU priority, Rank

Easy to automate all business actions to run in 100% auto mode

Maintain single version of plan and allocations which can expand to a long time horizon

Success Story

Infosys implemented Simplified Supply Planning Solution for a leading retail pharmacy chain in Saudi Arabia. The solution played a pivotal role to meet the client's strategic initiatives within a defined timeline. It was a great success as it resulted in:

- 10-30% Inventory Reduction
- 2-5% Inventory Turns Optimization
- 30-40% Lost Sales Reduction



For more information, contact askus@infosys.com

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