



Purchase and Inventory Planning

RESENSE leverages AI+ML capabilities to drive business decisions using insights generated with its advanced Demand Forecasting Engine. The Purchase and Inventory Planning service uses demand forecasts to push indents from stores to warehouse and from warehouse to the vendors.

This service balances demand forecast with the available usable inventory and stocks in transit (SIT) to calculate the required indent quantity at the SKU level at the required replenishment frequency. Based on vendor fill rate, it also helps determine the replenishment quantities from warehouse to stores based on the demand patterns of each store.



Key features



Replenishment Automation

Create thousands of indents from stores to warehouse or warehouse to vendors every day



Improved Supply Chain efficiency

Managing DoH levels and desired fill rates reduces wastage & overall inventory load, improving full price sales throughput as well.



Fill Rate optimization

Optimized fill rate at stores and stocking points above 95% reduces stock outs, avoiding lost sales



Manage new product introductions and ramp-downs

Attribute based forecasting of new product helps efficient allocation of new product lines across stores



Manage Days of Holding (DoH)

Manage DoH at the SKU levels to drive the most efficient inventory cycle



Achieve omnichannel fulfillment

ReSense provides multi-channel demand forecasting and fulfillment models to ensure accurate accounting of inventory required for each sales channel.

Developed by Nihilent after leveraging years of industry expertise and deep retail domain knowledge, RESENSE is a cloud-hosted service (SaaS) platform that offers a range of services covering all business functions for retail and consumer brands. To know more, visit us at www.resense.tech

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