

Success Stories

On cloud development & optimization, Demand forecasting, HTML 5 based charts for an Inventory Control System



Market intellect helped a product organization, which sells reputed Inventory control system to its diverse client base and other line of products associated to logistics and tracking helping them to optimize their inventory






The common challenges organization encounter were difficulty in maintaining consistency with their clients, who are having multiple warehouses and Point of Sale (PoS) locations. A best option would be to regulate these inconsistencies through Multi-location management module which serve as a gateway between all the client warehouses and branch PoS locations by integrating them with their Inventory control system

Market Intellect helped in bridging the gap by creating common REST API end points for all the clients with multiple warehouses and PoS locations with minimal downtime

Alongside the inventory optimization, the major expectation was also set to develop a wrapper application that gives global visibility and forecasting accuracy which will help all the clients to efficiently plan their operations to meet unexpected market shifts

We used the end client's internal data sets like sales, inventory and operation from the Inventory control system and other external data as such web data, stock exchange data and other public data to generate a consumer demand forecast reporting tool based on the available data in various chart formats that offers deeper customizations and a built in alert mechanism. The alert mechanism will leverage the users to set alert levels at multiple thresholds based on the forecasted data to plan their inventory and business process efficiently. The forecast reporting tool was integrated with Chart.JS an open source java script library which allows the end clients to create engaging and clean graphs from the forecasted data in various formats in few clicks.

Our Customer published the demand forecast reporting tool to their add-on library for their clients to integrate with the Inventory control system based on below listed feedbacks from various clients,

-  Higher outperformance rates compared to conventional demand planning
-  Efficient inventory control practices paving way to increased lead time
-  Centralized tracking of warehouses and PoS simplified leading to ubiquitous supply
-  Automated alerts on important inventory activities
-  Report generation on demand with zero coding knowledge