Supply planning module enhancement for a Hong Kong based Mfg. company

Improving inventory optimization and order generation efficiency

The client wanted to improve inventory optimization and order generation through customization, addressing several challenges including limitations in multi-floor production scheduling, UOM conversion issues, oversight of customer liable inventory, and inadequate PO generation. To overcome these, the solution involved enabling data hosting, resource configuration, validation support, and comprehensive training. The implemented enhancements included the introduction of inventory pooling, improvements in UOM conversion, inclusion of customer liable inventory, and a modified PO generation algorithm thus increasing operational efficiency and more.

The Objective:
Enhancing Kinaxis Supply Planning modules and customizing inventory optimization and order generation

The client sought to enhance their Kinaxis supply planning modules, specifically in inventory optimization and order generation.

They needed a vendor to build customized features and configurations.

The Challenge:
Limitations in Supply Planning module and order generation process

The existing supply planning module had limitations in multi-floor production scheduling and UOM conversion issues. Customer liable inventory was overlooked, and PO generation didn't consider forecast consumption, leading to order shortages.

The Solution:
Supporting module enhancement and configuring resources for smooth implementation

HCLTech's team provided comprehensive support to enhance the supply planning module. They focused on addressing the challenges and meeting the client's requirements. Firstly, they enabled Kinaxis data host support from Oracle ASCP, ensuring seamless integration and data management. Specific resources were then configured to cater to inventory and order generation as well as production scheduling, allowing for more precise and efficient planning. The team also provided validation support, including functional validation, system integration testing (SIT), performance validation, and user acceptance testing (UAT), to ensure the enhanced module's reliability and performance. Moreover, they conducted training sessions to equip and support the planner team during the implementation and transition phases, ensuring a smooth go-live process.

The Impact:
Improving inventory allocation, UOM conversion, and order management efficiency

The enhancements introduced inventory pooling, resolved UOM conversion, included customer liable inventory, and changed the PO generation algorithm. This resulted in improved order allocation, reduced inventory costs by **30%** and lowered order delinquency by **28%**.