

OVERVIEW

GIB's Inventory Optimization module enables users to control inventory and MRP from one central application. Automated through application rule sets, certain indicators - like capital turnover and range of coverage - determine optimal adjustments for MRP parameters. This automation simultaneously optimizes inventory and increases service levels. 

 GIB's simulation functionality represents a kind of "learning ground" where users can simulate MRP variable changes at the plant, group, or material level and examine their effects on stock and service level, before adopting new targets. With ease, users are able to gain crucial transparency.

FEATURES

Multi-dimensional segmentation to group materials by volume and variability

Operational reporting to easily identify excess inventory and shortages

Optimize variable safety stock across a diverse material set with multiple service classes

Easily create custom groups of materials for exceptions based management

Compute variable safety stock levels based on targets and demand variation

Automatic recalculation of replenishment targets

LOWER INVENTORY, HIGHER SERVICE LEVELS

Less inventory investment

Higher service levels

Real time visibility into inventory coverage

Increased efficiency through process automation; only focus on exception

BENEFITS

Decreased risk of parameter changes through simulation

Include projected inventory coverage into SI&OP process

SUPPORTIVE TOOLS

Range of Coverage. Gain inventory visibility based on days of supply against lead time. From a consolidated, interactive matrix, users can quickly view excess stock or potential outages. Since the data is active in SAP, real-time examination is available to quickly identify the root issue and take action.

Replenishment Strategies by Service Class. With logical service classes established, distinct replenishment targets and strategies can be applied to each of them. GIB's Inventory Optimization module gives users the flexibility to utilize nine tailored replenishment strategies - enhanced by automatic capability to assign materials to the appropriate segment.

Simulation. Market conditions are dynamic, and new objectives from executive leadership can come at any time. When inventory levels and coverage profiles need to change, a broad scope of simulation capabilities can be leveraged to understand the impact of potential changes and increase awareness of risk-return.

INVENTORY OPTIMIZATION

**Analyze potentials,
simulate service levels.**