

OVERVIEW

GIB's Production Planning module highlights potential challenges through real-time visualization of capacity constraints across the entire production environment. Users have the ability to work at a multi-plant level, examine a particular machine or line, incorporate maintenance, and adjust available capacities to account for adjustments to labor schedules, breakdowns or other shop floor changes in real-time.

Natural integration within SAP permits rapid delivery and ease of use, while utilizing existing master data enables recommended sequencing of orders and operations based on specific characteristics. A simplified, touch-screen dashboard allows users to confirm orders in real-time. The result is an increase in throughput, a decrease in manual work, and overall improvement of employee efficiency.

FEATURES

Real time visibility into capacity constraints

Level loading across production lines and resources

Sequencing and grouping of orders based on characteristics

Simplified, real-time order dashboard with touch screen enabled confirmation

Dynamic planning table with drag and drop scheduling

A TRUE REFLECTION OF THE SHOP FLOOR

Increased throughput with reduced downtimes, setup times and teardown times

Quicker reaction time through real time visibility to potential constraints

Increased employee efficiency, reduced manual effort

BENEFITS

Reduction of clerical work with real time confirmations

Shop floor transparency

SUPPORTIVE TOOLS

Capacity Planning Dashboard. View aggregated capacities across the production network or examine more granular location and machine specific capacities - all based on real-time data. Observe capacities of scheduled orders or simulate potential capacities with planned orders. Users can achieve a full end-to-end simulation by passing a simulated demand plan from the GIB Demand Planning module through to view potential capacity constraints.

Drag and Drop Scheduling. Create detailed scheduling with suggested order sequences based on specific characteristics and/or requirement dates. Group orders together logically to reduce setup/teardown times and increase throughput. Visual indicators alert users of orders which are

behind schedule, cannot be completed in the scheduled time, or require missing parts. Orders can be converted, released, and printed from a single screen. Users can also utilize the view-only scheduling board as a shop floor monitor to provide visibility across the shop floor.

Confirmation Dashboard. A touch screen enabled confirmation dashboard allows the shop floor to confirm orders in real-time using any tablet of choice. Actual setup, processing, and teardown times can be tracked, or yields recorded. In case of error, the most recent entry is reversed with a single click. Clerical work is reduced, confirmation accuracy is increased and the shop-floor is empowered with real-time confirmations.

PRODUCTION PLANNING

**Determine sequence,
expand capacity.**