

SYSPRO Advanced Planning and Scheduling (APS)

Objective

To provide advanced planning, scheduling and execution to enhance existing manufacturing capabilities by effectively closing the loop between ERP business functions and the shop floor, while giving managers useful, real-time information on the current shop floor activities with advanced scheduling and quality control functionality.

The value of SYSPRO APS

- Fully configured to model the physical factory
- Models factory resources accurately
- Facilitates multi-resource scheduling
- Facilitates cell scheduling to user defined attributes
- Highlights the need for overtime or sub-contracting
- Increases efficiency of operations
- Maintains a real-time schedule
- Decreases total through-put time

Matching SYSPRO APS to your business

- Real-time shop floor data collection
- Provides on the fly what-if scheduling
- Allows for quality control tracking with ability to extract quality information for detailed analysis
- Provides finite capacity planning and scheduling
- Gives point of entry late warning
- Allows accurate real-time progress recording
- Provides immediate comparison of planned and actual process times
- Accurately records resource utilization
- Optimizes cellular manufacturing operations
- Gives optimum utilization of resources: labor, machines and tools
- Creates achievable work-to lists
- Provides real-time tracking of work orders (jobs) linked to sales orders
- May be make-to-order or MRP driven

Integration

- SYSPRO APS integrates with Inventory, Bill of Materials, Work in Progress, Sales Orders
- Integration may be on-line or in batch mode