



OPENPRO Module Features

Manufacturing Feature Highlights

Key Corporate Benefits

- ◆ Reduce inventories, increase inventory turns and increase ability to meet client demand
- ◆ Increase production capacity and improve asset use thereby reducing unnecessary capital expenditures
- ◆ Increase profits by improving productivity and reducing costs through minimal scrap & manufacturing waste
- ◆ Catch costly trends before they happen through automatic data checking and warning system when going out of tolerance
- ◆ Increase efficiencies by maximizing throughput and resource utilization by levelling off production peaks
- ◆ Lower costs by optimizing production
- ◆ Increase utilization through scheduling optimization
- ◆ Eliminating data capture time by reviewing and accepting supply suggestions
- ◆ Improve customer service with faster lead times and on-time deliveries

Key Proficiencies

Manufacturing Requirements Planning (MRP II)

- ▶ Assists in planning materials & production
- ▶ Identifies levels of usage of critical resources
- ▶ Easy creation of build schedules using gross rules
- ▶ Build schedule maintenance & consumption
- ▶ Suggests job for manufactured items
- ▶ Suggests purchase order for purchased items
- ▶ Material requirements review with multi-level pegging
- ▶ Accommodates dependent and independent demand
- ▶ Sales forecast consumption
- ▶ Sub-contract purchase order creation
- ▶ Import forecast and build schedules
- ▶ Bucketless system-select period to view at run-time
- ▶ Include or exclude warehouse from calculation
- ▶ Consolidate warehouses

Manufacturing Standards (MS)

- ▶ Ghost/Phantom parts supported
- ▶ Multiple recovery rates per work center
- ▶ Dynamic elapsed time calculations
- ▶ Planning time fence calculations
- ▶ Planning bills supported
- ▶ Standard & 'what-if' costing for comparison to actual
- ▶ Full cost-up with stock evaluation option
- ▶ Sub-contracted operations
- ▶ Backflushing, single or multiple levels
- ▶ Product configurator
- ▶ Engineering change control
- ▶ Unlimited Levels of BOM
- ▶ Operations Routing
- ▶ Interface with Engineering Drawing, CAD, CAM System

Capacity Requirement Planning (CRP)

- ▶ Machine, work center or department scheduling
- ▶ Finite & infinite scheduling options
- ▶ Independent capacity loading
- ▶ Profitability analysis by invoice & detail line

Master Production Scheduling (MPS)

- ▶ Capacity to Promise & Available to Promise
- ▶ Real-time finite manufacturing
- ▶ Improve decision making based on what's scheduled and what's running, capacity, resources, labor, work orders, overloads, skills, potential problems, set-up, tear down & pegging.
- ▶ Fully customizable sequence scheduling capability to improve throughput.
- ▶ Schedule resources, capacity and labor, including work center operators and tools.
- ▶ Full tracking and pegging including material, resources, quality testing, lots etc.
- ▶ Instantly check data and receive warnings when out of tolerance thereby catching costly discrepancies before they occur
- ▶ Real time shop floor data collection via user-friendly interface
- ▶ Work order loading

Shop Floor Control (SFC)

- ▶ Labor posting with import facility
- ▶ Milestone operations
- ▶ Kit issues of both material & labor
- ▶ Dynamic work center load leveling
- ▶ Material scrap analysis
- ▶ Work, center, employee & machine efficiency reports
- ▶ Auto creation of sub-jobs
- ▶ Variance tracking
- ▶ Detailed labor analysis