SYSPRO Requirements Planning uses projected demand and supply to assist you in planning and creating realistic production, purchasing and supply transfer schedules. It also identifies capacity constraints, and maintains optimal stock holdings in a multi-site and multi-warehouse environment.

The Requirements Planning system (with its online MPS and Job, Purchase Order, and Supply Chain Review programs) enables straight-forward conversions of the suggestions from the Requirements Calculation results, to live data. It is a bucket-less system which provides the facilities to run ‘what-if’ scenarios. Variable planning intervals and user-defined planning horizons offer further flexibility.

Dynamic capacity profiling, load leveling and single-level forward finite scheduling enable you to assess the impact of suggested jobs on your existing capacity loads.
The Benefits of Requirements Planning

- Meet demand with effective planning of required material and production capacity
- Identify usage of critical resources with rough-cut capacity planning
- Easily create build schedules from Master Production Schedule (MPS) suggestions
- Suggest purchasing, production and transfer schedules to satisfy demand
- Create and amend purchase orders and jobs based on suggestions with powerful, on-screen reviews
- Test plans before updating the live system with ‘snapshot’ functionality
- Control inventory levels by identifying potential over-supply
- Avoid bottlenecks by reviewing average queue times
- Manage lot traceable items including tracking expiration dates
- Preview reports to screen and email capabilities
- Quickly identify overloaded work centers
- Critical resource queries facilitate effective planning

Requirements Planning Features

- Calculate material and capacity requirements under an infinite or finite capacity assumption
- Create actual purchase orders, work orders or requisitions from suggestions
- Generate supply chain transfers from suggestions for transfers between warehouses
- Accept suggested changes to existing purchase orders and jobs based on changes in demand
- Detailed pegging information available in queries and reports
- Define Gross Requirements rule per item
- Define planning frequencies, lead times and planning horizons for time fence indicators
- Query MRP calculation results with pegging details
- View capacity load in a bar chart or report form
- View and report planning details in any time period with bucketless environment
- Optional inclusion/exclusion of requisition users

Integration with SYSPRO

- Integrates with the following modules:
  - Bill of Materials
  - Inventory (Essential)
  - Inventory Families and Groupings
  - Inventory Forecasting
  - Purchase Orders
  - Quotations
  - Sales Orders
  - Work in Progress

Audit trails and reporting

- Comprehensive reports include Capacity Loading, Material Requirements, Suggested Work Orders, Suggested Purchase Orders, Pegging and Resource Requirements
- Action Reports include:
  - Build Schedule
  - Capacity
  - Forecast
  - Job
  - Purchase Order
  - Sales Order
  - Safety Stock
- Calculates projected available and available to promise
- Provides review of late supplies

![MRP Pegging for Stock Code: B100 Wh. FG](image)