

**SCP Data Requirements
(Planning & Forecasting)**

Items in blue - minimum data requirements needed for forecasting and planning (DRP) demo

Data can be in any electronic format

Item Information

Item/part number
Facility/plant code (optional)
Item description
Current Onhand quantity
Leadtime
Safety Stock
Item cost
Item price (optional)
Lot Size
Minimum Order Qty
Classification (optional)
MTD Sales (optional)
ABC ranking code (optional)

Open Customer Orders

Item/part number
Facility/plant code (optional)
Order Nbr.
Quantity
Production date
Promised Date (optional)
Requested Date (optional)
Customer Nbr
Customer Name
Notes (optional)
Shipped Qty (optional)

Pending Receipts & In-transit

Item/part number
Facility/plant code (optional)
PO Number
Quantity
Received Quantity (optional)
Due Date
Ship Date (optional)
Notes (optional)
Supplier code (optional)
Supplier Name (optional)

Open Work Orders

Item/part number
Facility/plant code (optional)
Work order Number
Quantity
Completed Quantity (optional)
Due Date
Notes (optional)

**History in days or weeks **
(ideally last 3 months' worth or more)**

Item/part number
Facility/plant code (optional)
PO number (optional)
PO Date
Quantity shipped

Bill of Materials *

Parent item/part number
Facility/plant code (optional)
Component item/part number
Qty Per
Waste factor (optional)
Scrap (optional)

**Adjusted Forecast *
(preferably in daily or weekly qtys)**

Item/part number
Facility/plant code (optional)
Date
Quantity

Item Attributes *

Item/part number
Attribute (width,color,adhesive,etc.)
Attribute Value #1
Attribute Value #2 (optional)
Attribute Value #3 (optional)
Attribute Value #4 (optional)
Attribute Value #5 (optional)

* Optional and only required for certain features beyond standard DRP

** Only required for forecasting and some reporting/analysis

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SCP Data Requirements
(Capacity/Raw Material Constraint Planning & Optimized Scheduling)

Resource (Machine) Information *

Resource (Machine)
Description (optional)
Default Daily/weekly unit capacity
Default Daily/weekly hourly capacity
Cost per setup minute
Cost per setup waste unit

Item Resource Information *

Item/part number
Facility/plant code (optional)
Resource (Machine)
Run Speed (units/hour)
Units per (plan units to Mfg. units)
Setup Time (hours)
Waste percentage

Attribute Change-over Matrix *

Resource (Machine)
Attribute from
Attribute to
Attribute value from (optional)
Attribute value to (optional)
Setup minutes
Waste units

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