

PRONTO xi

Applications Overview



Distribution Requirements Planning

Part of the Supply Chain
application

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Distribution Requirements Planning

Set up and maintain a truly integrated supply chain with Distribution Requirements Planning

Distribution Requirements Planning (DRP) plans the flow of goods across even the most complex network of satellite, branch and central locations at the warehouse level. Restocking is straightforward and flexible — aggregate demand from customer orders back to a central distribution centre with replenishment based on user-defined criteria.

As well as supporting the distribution of goods or materials between warehouses, DRP also helps you to plan for the production or acquisition of items.

For example, you can use the output from DRP to:

- plan at the factory level with master production scheduling (MPS) and material requirements planning (MRP)
- automatically generate purchase orders
- create warehouse transfer orders to facilitate replenishment

Supply Chain

DRP - Distribution Req. Planning

DRP Enquiry

DRP Processing

DRP Exception Report

Releasable Planned Orders

Create Transfer Order

DRP Vendor Schedule

Multi Warehouse Operation

Configuration

DRP Enquiry

Find

Pegging

Receipts

Transfers

Except

Maint Plan

Bucket

Inventory Maint

On Hand

Item Chg

Data Grid View

Item Details

Item Code: 102146

AVHA245BT 6.2IN AV BT CD/DVD REC 200W HEAD UNIT 1

Item Type: Component

Item Group: ELEC

Unit Code: EACH

Condition: D

Supplier: ACCOE03

Access Dir

Lead Time: 99

QA Lead Time: 0

Pln Policy: D

Fct/Whse: NDC

National distribution

Pack Qty: 1

Min Days Cover: 0

Level: 99

On Hand: 314

Min. Stock: 0

Last DRP Run: 30-MAR-2024

EOQ: 1

Requirements

	Past Due	05-APR-24	12-APR-24	19-APR-24	26-APR-24	03-MAY-24	10-MAY-24
Gross Req'mt:	4						
Sche'd Rec:	0						
Net Req'mt:	0	0	0	0	0	0	0
Pl'd Ord Rec:	0	0	0	0	0	0	0
Proj O/Hand:	310	310	310	310	310	310	310
Pl'd Ord Rel:	0	0	0	0	0	0	0

	17-MAY-24	24-MAY-24	31-MAY-24	07-JUN-24	14-JUN-24	21-JUN-24	28-JUN-24
Gross Req'mt:							
Sche'd Rec:							
Net Req'mt:	0	0	0	0	0	0	0
Pl'd Ord Rec:	0	0	0	0	0	0	0
Proj O/Hand:	310	310	310	310	310	310	310
Pl'd Ord Rel:	0	0	0	0	0	0	0

Complete the dispatch of all open orders or display the status of orders for delivery in a single data grid

Supply Chain

DRP - Distribution Req. Planning

DRP Enquiry

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DRP Vendor Schedule

Multi Warehouse Operation

Configuration

DRP Processing

Options

DRP Warehouse: SYD

Use System Calendar: N

Include Dis/Obs. Items: N

Processing Mode: R

Include Consign. Items: N

Time Bucket Start Date: 02-JUL-2024

Delete Snapshot Files: N

Warehouses to Check

Checking these warehouses

Optimisations

Preload Purchase Orders: Y

Time Period

(1) 1 week

(2) 2 weeks

Selection: 4

Period (length in weeks)

1

4 week(s)

5

2

4 week(s)

6

3

4 week(s)

7

4

4 week(s)

8

DRP Processing

Action

I - Run Immediately

Batch Details

Queue

0 - Batch Queue 0

Quick Schedule

Queue Now

Print

N - No

Quick Schedule

Specific Schedule

View all planned enquiries

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Warehouse replenishment

As the number of item codes, suppliers and warehouses increase, so too does the complexity of supply chain management.

DRP simplifies the supply chain by efficiently replenishing physical inventory locations. It uses optimisation tools that consider supplier priorities, transport costs, lead times, inventory targets and product costs.

Plan replenishment through the DRP network or on an item-by-item basis for products that move directly from the supplier into individual warehouses.

Time-phased distribution plan

Using a similar model to manufacturing's material requirements planning (MRP), DRP provides a time-phased distribution plan with a consistent level of visibility across the entire network of warehouses, distribution centres and suppliers.

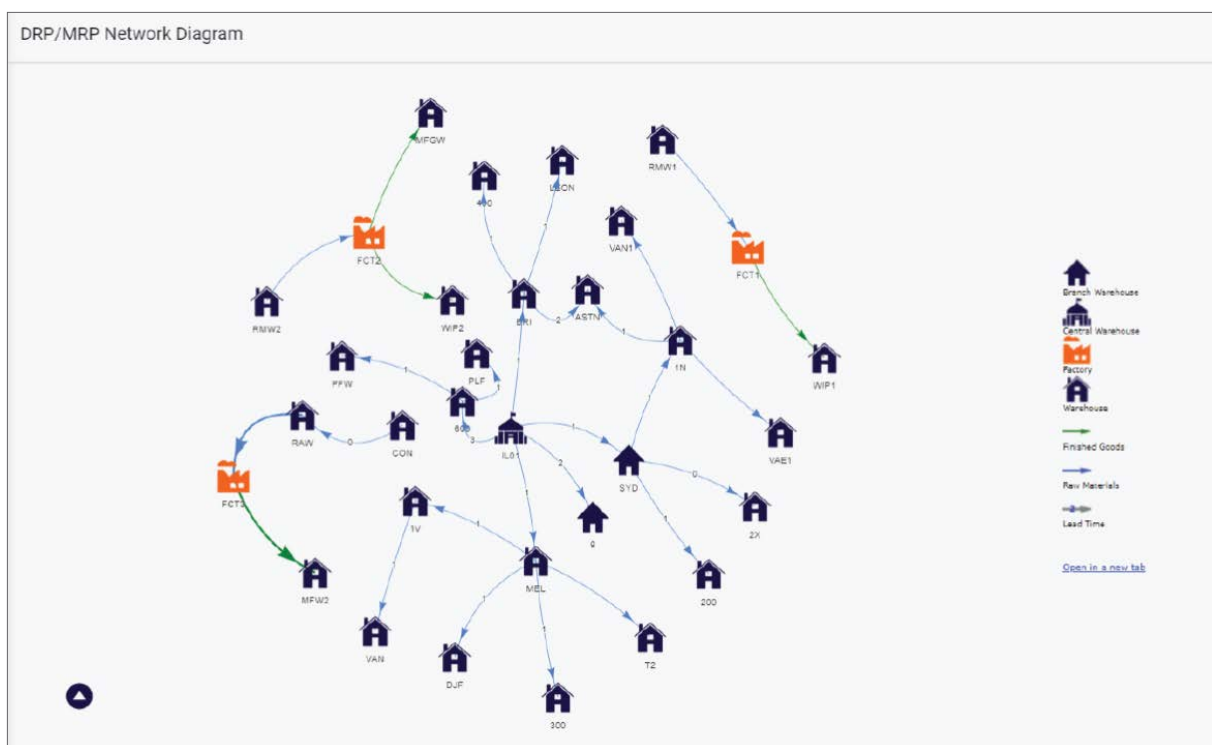
Access information quickly, with source documents and inventory data only a single click away from the central DRP Enquiry screen.

Complex networks

To support large and complex networks, DRP offers the flexibility to acquire any item from any source within the network, such as a supplier, factory, branch or central warehouse.

We've improved DRP processing times by 20%, helping to drive efficiencies for complex networks. The module also offers a better approach to managing exceptions when defining centralised and local purchasing rules.

In addition, an enhanced network visualisation helps you better identify and navigate source rules across the network in a single view.



Create a visualisation of your distribution network to see the flow of goods

About us

PRONTO

SOFTWARE

We are an Australian developer of award winning business management and analytics solutions. Pronto Xi, our Enterprise Resource Planning (ERP) software, integrates accounting, operational and mobile features in a single system – optimising business processes and unlocking actionable insights. That's why for more than 45 years, over 1,500 Australian and global organisations, across a wide range of industries, have trusted Pronto Xi to simplify their most complex challenges.

With headquarters and our Development Centre located in Melbourne, we have support offices and consultants based across Australia, as well as a global network of Resellers and Solution Partners. Specialised business units within Pronto Software have the expertise to assist you with pivotal technology – Digital Transformation with Pronto Woven, Cloud and Hosting services with Pronto Cloud and Business Intelligence solutions with Pronto iQ.

When you choose Pronto Software, you gain a team with deep industry experience, giving us the ability to understand your specific needs and build innovative solutions that drive business growth and revenue.

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