

# Asprova MRP

Developed by  
Asprova Corporation

## Material Requirement Plan at High Speed.

Asprova MRP calculates on RAM memory for Material Requirement and L/T based Order Allocation at high speed. Able to support **Just in Time** Purchase Planning.

### Problem Encountered?

- Not able to know when and how much of raw material is required due to no system. Often occur shortage of raw material.
- Takes very long time in material arrangement.
- Not fully used the implemented Production Management System.
- Slow material requirement calculation by the current system.
- Shortage of material due to often changes of production plan.

### Main Features of Asprova MRP

- Auto-calculates timing and quantity of material requirement based on sales order or forecast.
- Simulates various plans supported by high speed calculation.
- Same program source as Asprova APS, supporting constraint-based operation.
- Support many types of chart and table for visualization
- Support JIT-based Material Procurement.

### ■ Purchase Plan

Display the daily purchase quantity by Item / customer like Excel format. Able to export to other database.

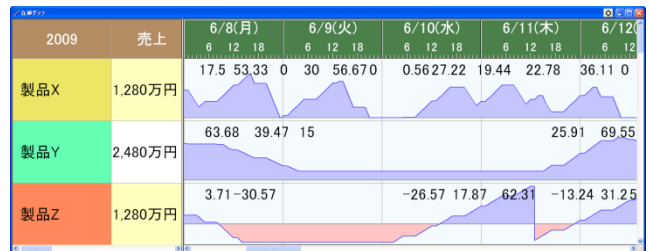
Support Just-in-time Material Arrangement synchronized to Production Plan.

資源	品目	月計	13日	14日	15日	16日	17日	18日	19日	20日	21日	22日	23日	24日	25日
1	購買 共通部品	6月 10000								10000					
2	原料1	6月 1400						200			200				200
3		7月 1200200						200							200
4		8月 400								200					

### ■ Material Shortage Simulation

Display inventory trend by item.

Support VMI: Vendor Management Inventory by sharing inventory information among trading partner.



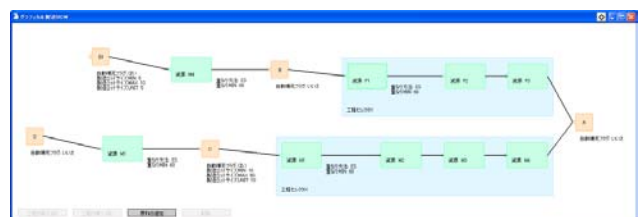
### ■ Order Visualization

Share Sales Order status with Sales Dept. on real time manner. Able to forecast production shortage based on material arrangement.



### ■ Easy Master Maintenance

Support design change easily by Excel like spreadsheet and graphical BOM.



## ■ System Structure

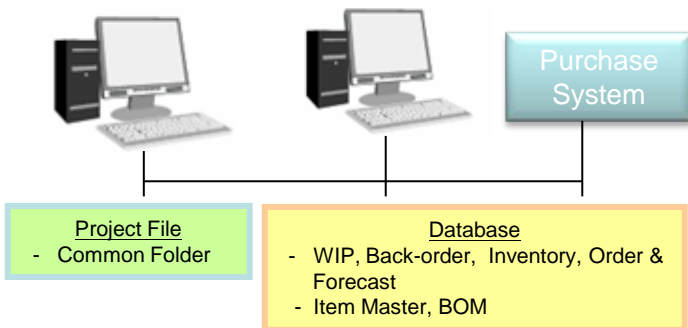
Able to share relevant information between production and sales dept via inventory table or Gantt Chart through data exchange with Asprova MES or Purchase System.

### Asprova MRP

MRP Calculation

### Asprova MES

Work Instruction / Output key-in



## ■ Program-less Interface with ERP

Able to connect to MS SQL Server, Oracle database directly. The below shows Field Mapping between Asprova MRP and external database.

コード		コード	
1	内部プロパティ	1	外部フィールド
2	オーダーコード	2	Code
3	オーダー種別	3	ItemCode
4	品目コード	4	LET
5	最早開始日時	5	CustomerCode
6	最遅終了日時	6	Qty
7	オーダー数量	7	Priority
8	優先度	8	PlantCode
9	顧客コード	9	Version
10	表示色	10	Color
11	バージョン	11	ProductionFactor

## To who considering Asprova MRP

Demo Version is available for your own trial. We can also assist in 'prototype' creation at FOC basis. It is common practice in many overseas factory to export Production Order or Purchase Order from ERP to MS Excel and to process the data using many human resources.

Please try out our confident product. Many of our customers in Japan proved its good effect, such as JIT-based Procurement, Kanban Simulation, Parts Replenishment for Cell-based Production, VMI with Trading Partners.

## ■ System Requirement

Contents	Detail
Hardware	PC (Memory 1GB & above)
OS	Windows 7 / Windows Vista / XP / 2000 / Server 2003 / Server 2000 / Server 2008
Others	Processor: 1GHz & above HD: 300GB & above (Depend on data volume)
Language	Japanese / English / Chinese(Simplified & Traditional) / Korean / Thai / German / Spanish / Portuguese

## ■ Operating Environment

Contents	Detail
Relational Database	Interface with Oracle, MS SQL Server and MS Access directory. Able to export & import Text file.

## ■ Company

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## ■ Authorized Dealer



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