

Exensys Software Solutions Ltd.		AA/B/CCDD V x.y
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Best Practice
eXensys – Centralized Planning

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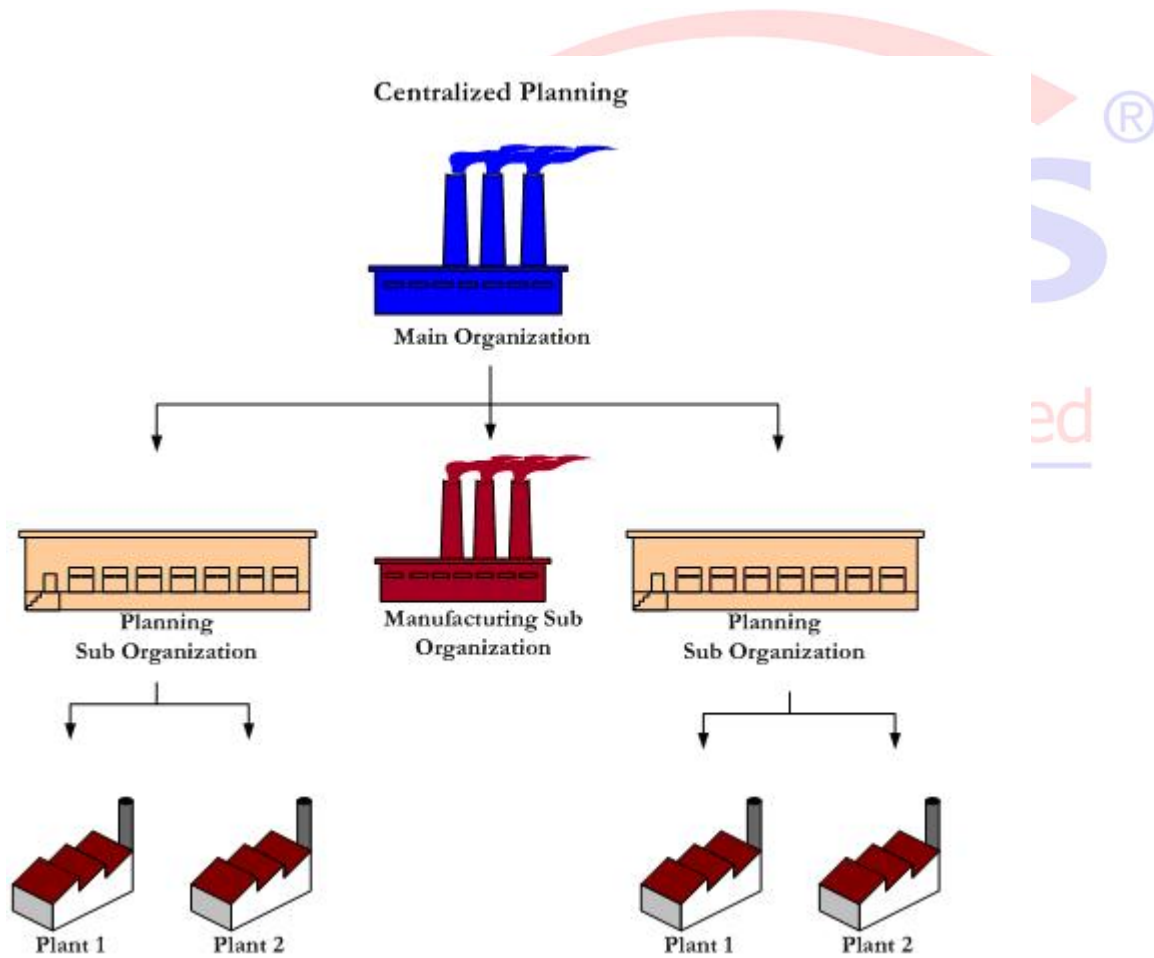


Introduction:

Intensive planning is required in order to meet the customer’s requirements across the distribution network. Planning is a process of consolidating the requirement across the organization before its being taken into Master scheduling. Master Scheduling is done for finished products or other items before the plan is released to the MRP engine for procurement & production process. Planning should have to be done thoroughly in order to keep the customer satisfied. There are basically two types of planning. Centralized & decentralized planning. This paper is all about centralized planning.

Overview:

The Centralized Planning process is initiated by setting the configurator as “Centralized Planning Required”. Let’s Consider the below example.



Here there is a main organization under which there are 3 Sub organizations. There are two planning sub organization & 1 manufacturing sub organization. Incase of centralized

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planning the requirements from all the plant will be consolidated in the planning sub org and the consolidated requirement will be given to the manufacturing sub organization so the execution will be done to meet the requirements of each sub organization.

The basic requirement for carrying out centralized planning is bill of distribution (BOD). Bill of distribution is a list consisting an aggregate of the items to be delivered to a specific location generally a Distribution Centre.

How Centralized planning is carried out in eXensys Application:

The process is initiated by creating Bill of Distribution.

Bill of Distribution: Manufacturing Sub Organization (3000):

Sub Org Code	Sub Org Name	Type
3001	3001	Planning
3002	3002	Planning

Sales Order Information:

Sub Org Code	Sales Order Code	Expected Date	Item Code	UOM	Quantity	Status
3000	SO/0001/0809	25.09.08	Nuts_01	Nos.	1000	Scheduled
3001	SO/0002/0809	25.09.08	Nuts_01	Nos.	2000	Scheduled
3002	SO/0003/0809	25.09.08	Nuts_01	Nos.	5000	Scheduled

- BOM for Item Code Nuts_01 is made in Sub Org "3000" and BOD is defined for the same.
- Master Scheduling Code in Sub Org "3000" : MS/0001/0809
- Configurator Setting : Centralized Planning

Item Code	Reference Type	Planning Sub Org Code	Reference Code	Quantity	Expected Date	Planning Required
Nuts_01	Sales Order	Not Required	SO/0001/0809	1000	25.09.08	Yes
Nuts_01	Sales Order	3001	SO/0002/0809	2000	25.09.08	Yes
Nuts_01	Sales Order	3002	SO/0003/0809	5000	25.09.08	Yes

- MPS Quantity: 8000 Nos.

Once after arriving at the MPS quantity MRP will be carried out, subsequently the entire execution cycle will be done.

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Benefits:

- Consolidation of demand from different sub organization.
- Better Customer Service.
- Reduced time to fulfill the demand.

Conclusion:

Centralized planning thus consolidates across the sub organization and reduces time to fulfill the requirement of a customer.

