

General Concepts

Concept #1

BPCS supports planning by facility or planning globally. If planning by facility, then MPS and MRP are run by facility and only supply and demand within that facility are considered. If planning globally, no facility is required when running MPS and MRP and all supply and demand in the entire database is considered.

Concept #2

BPCS supports maintaining planning information at four levels:

Program	File	Horizon	Planning Codes	Mass Release Warehouse
System Parameters (SYS800)	ZPA	Yes	Limited	Yes
Facility Master (SYS190)	ZMF	No	No	Yes
Item Master (INV100)	IIM	Yes	All	No
Item / Facility Planning (MRP140)	CIC	No	All	Yes

Concept #3

MPS and MRP can be run in regeneration mode or net-change mode. If run in regeneration mode, all items are planned. If run in net-change mode, only items with net change flag = Y are planned.

Concept #4

The following planning exception messages in order of importance are created during the planning process:

- Cancel
- Expedite
- De-Expedite
- Past Due
- Lead Time Violation
- Release
- Firm Up
- Under Minimum
- Over Maximum