Asprova Link For SAP R/3 (Features)

Enable use of various features of Asprova on top of SAP

Utilizing R/3 PP's extended module

1. Seamless data exchange made possible by using R/3 PP's extended module.
2. Various linking patterns are supported.

Various Asprova features usable

1. High speed scheduling
2. Multi-item, multi-process support
3. Quick due date confirmation
4. Various scheduling features available
    1) Sub resources (workers, jigs, etc.)
    2) Setup times
    3) Move time between processes
    4) Alternative resources
    5) Version change
5. Forward, Backward, bottleneck centered scheduling
6. Easy manual tuning using user friendly GUI
7. Automatic order replenishment

Asprova Link For SAP R/3 (Data I/O)

Bi-directional interface between SAP R/3 and Asprova

Download [R/3 to Asprova]

1. Download data from R/3 using BAPI (R/3 Transaction)
   Planned Order, Manufacturing Instruction, Current Stock,
   Purchase, Instruction Result
2. Filter data by plant and MRP user
3. Support code change from Planned Order to Manufacturing Order
4. Support matching between external code (Asprova issued) and internal code (R/3)
5. Support usage of order versions

Upload [Asprova to R/3]

1. Upload data to R/3 using BAPI
   Planned Order Header (Add/Update/Delete) -> Asprova Order
   Manufacturing Instruction Header (Add/Update/Delete) -> Asprova Order
   Man. Inst. Operation Header (Add/Update/Delete) -> Asprova Operation
2. Standard Start Time, Standard End Time, Standard Start/End Time
3. Version change
4. Operation location change

Asprova Link For SAP R/3 (Collaboration)

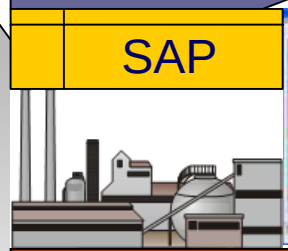
Customer

Orders
Prospect

Daily Planning Work
- Num of workers to hire
- Machine maintenance
- Scrap handling, etc.

Plant A

SAP



Asprova APS

Link For R/3

HQ

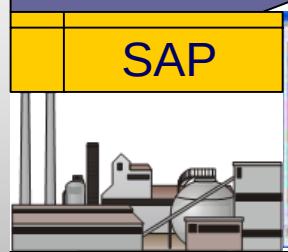
SAP

SAP **APO**
PP + DP + SCM

SAP **PP**

Plant B

SAP



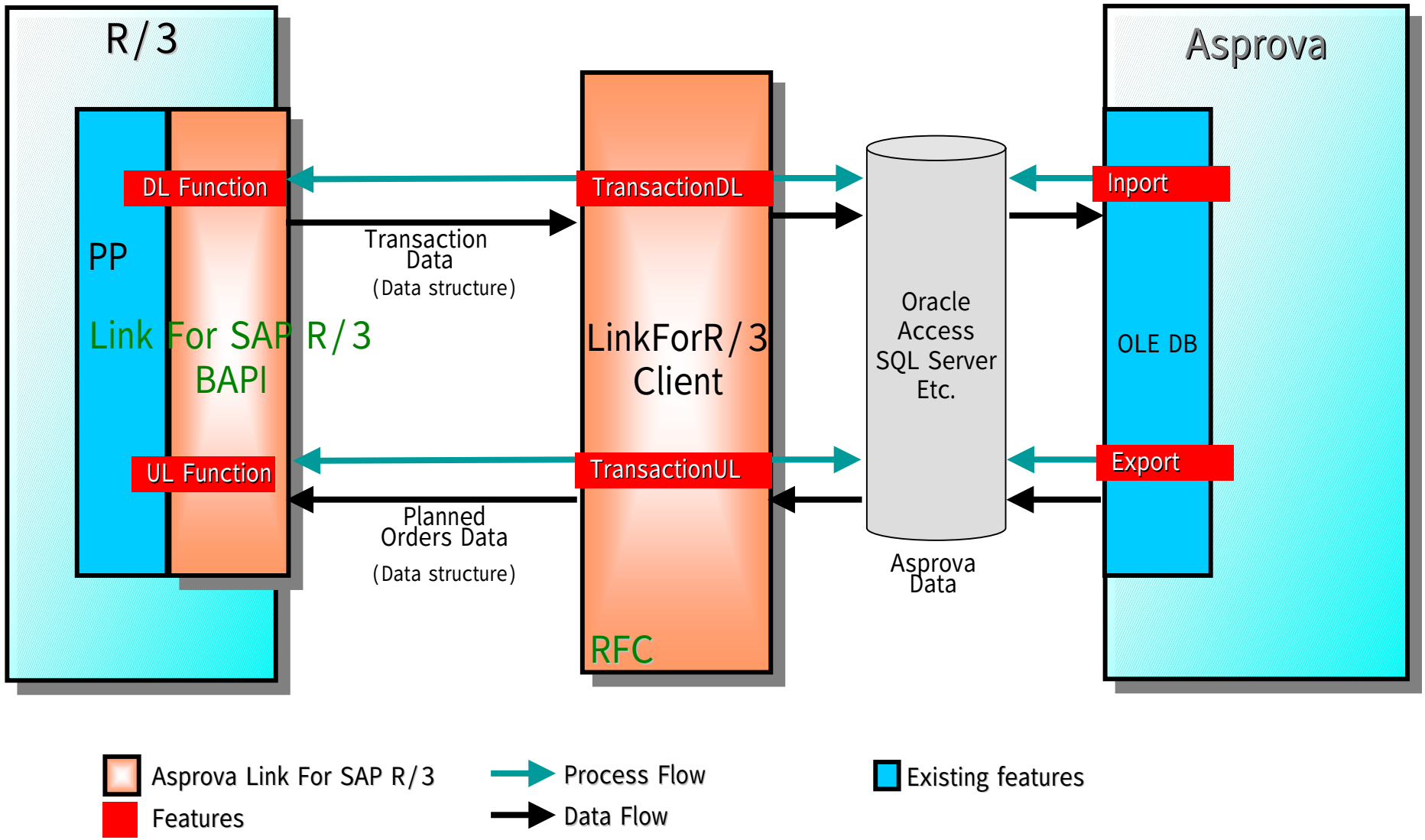
Asprova APS

Link For R/3

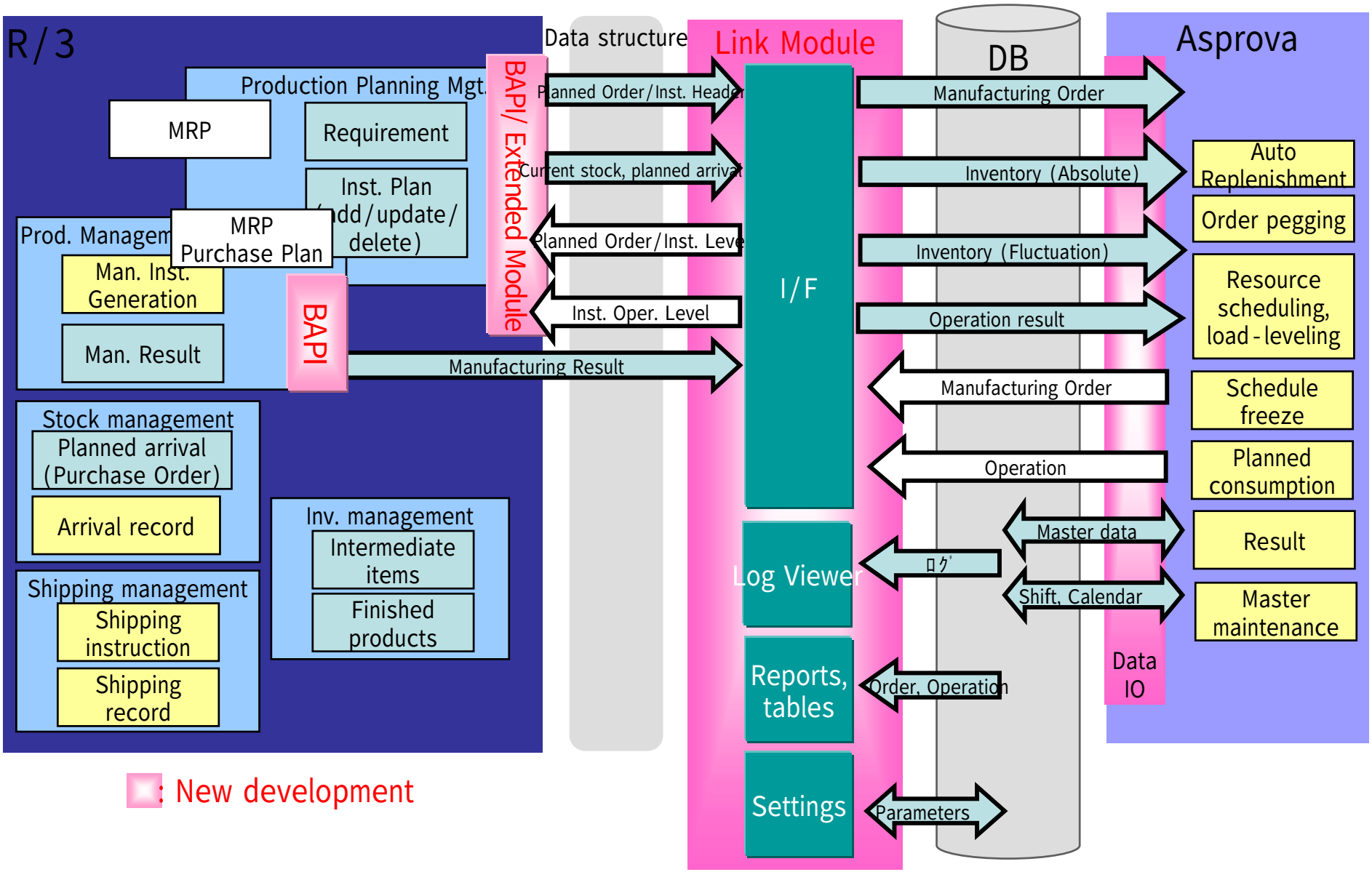
Do overall planning for global plants at HQ, including supply chain, total production quantities, transportation, delivery date, inventory, etc.

Send to local plants
-Planned Orders
-Manufacturing Instructions

Asprova Link For SAP R/3 (Structure)



Asprova Link For SAP R/3 (Structure)



Asprova Link For SAP R/3 (New Version)

	Asprova Link For R/3 (New Version
Supported Asprova version	Asprova APS Ver.4 and above
Supported SAP R/3 version	Enterprise, ERP2005
SAP R/3 Linkage subject	PP (Production Planning) module
SAP Certification	Scheduled
SAP R/3 Linkage form	BAPI (Developed by Canon Solution System) ＋Asprova Extended Functions
Data exchange (R/3 -> Asprova)	
Planned Order	●
Manufacturing Instruction	●
Instructed Result	●
Current Inventory	●
Purchase plan	●
Item	Considered (2007)
BOM	Considered (2007)
Process Master	Considered (2007)
Workplace	Considered (2007)
Calendar	Considered (2007)
Data exchange (Asprova -> R/3)	
Planned Order (Add/Update/Del.)	●
Manufacturing Inst. (Add/Update/Delete)	●
Planned release date	January 2007