

Leverage Production Planning Functionality within PPDS to Maximize Throughput and Increase Capacity

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SAPinsider



In This Session

For customers already having SAP APO and starting to transition into S/4HANA and IBP, there is several areas to address:

- Get an overview of the production planning and detailed scheduling (PP/DS) features and functions delivered with ePPDS in S/4HANA
- How do we migrate the current APO PPDS installation into S/4 HANA, while at the same time leveraging the new capabilities within embedded PPDS (ePPDS) in S/4HANA.
- What are the key considerations to consider and which pitfalls to avoid

What We'll Cover

- What is ePPDS in S/4HANA and how is it different to PPDS in APO
- Features and Process Flow of ePPDS
- How is the new Integration
- Examples of new Fiori apps
- APO vs. IBP and ePPDS (SCM Solution Transformation)
- Implementing ePPDS Best Practices and Pitfalls



What is ePPDS in S/4HANA and how is it different to PPDS in APO

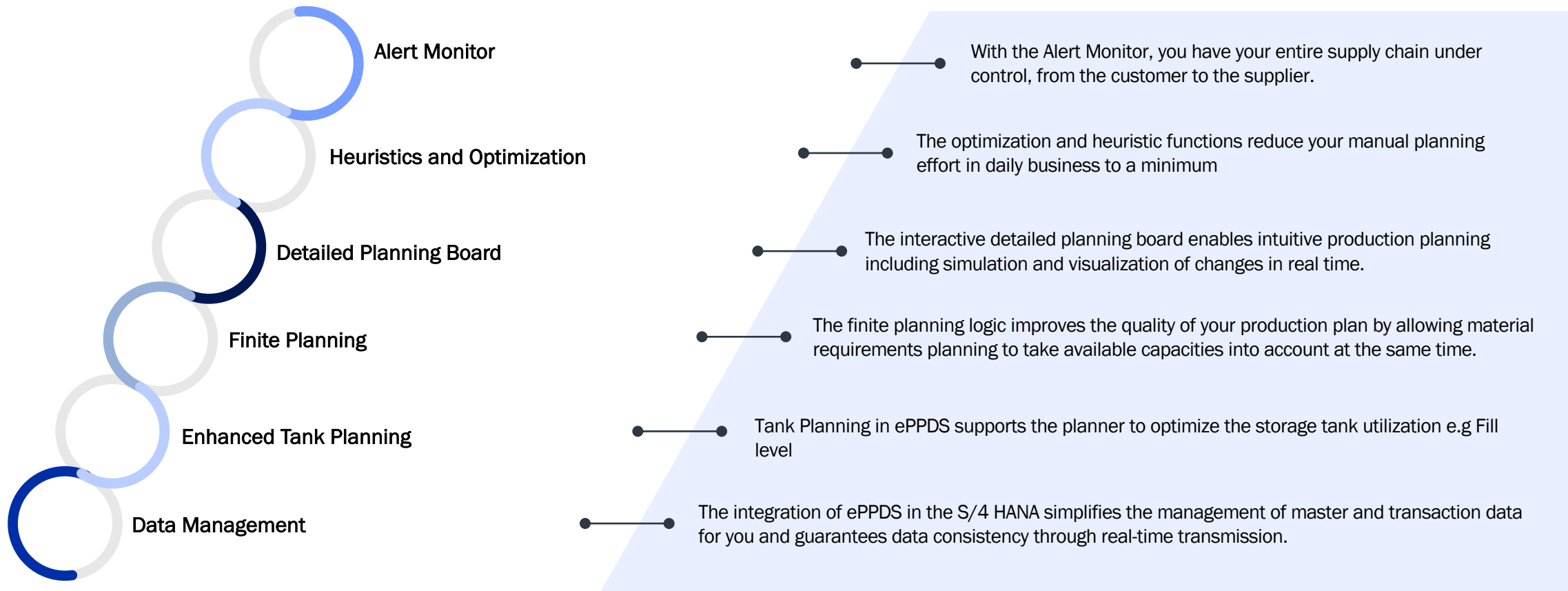
Production Planning and Detailed Scheduling (PPDS) was created as a component of SAP Advanced Planning and Optimization (SAP APO)

Its primary objective is to generate procurement proposals that meet product requirements and optimize scheduling for resources. PPDS is one of the supply chain planning components in SAP APO together with Demand Planning (DP), Supply Network Planning (SNP), and Global Available to Promise (GATP).

With the release of SAP S/4HANA, SAP have repositioned its product offerings and the PPDS functionality is now available within the core of SAP ERP.

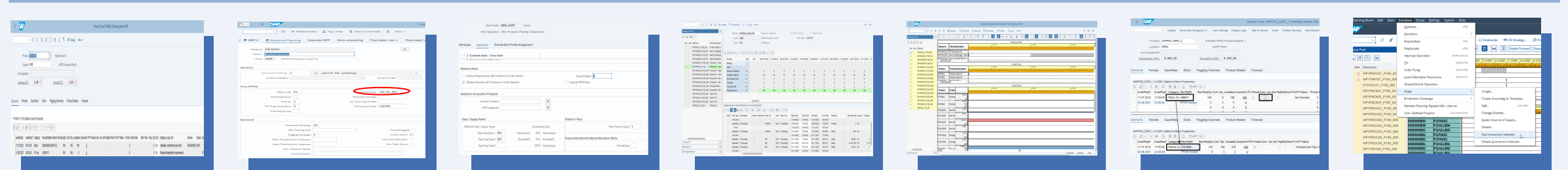
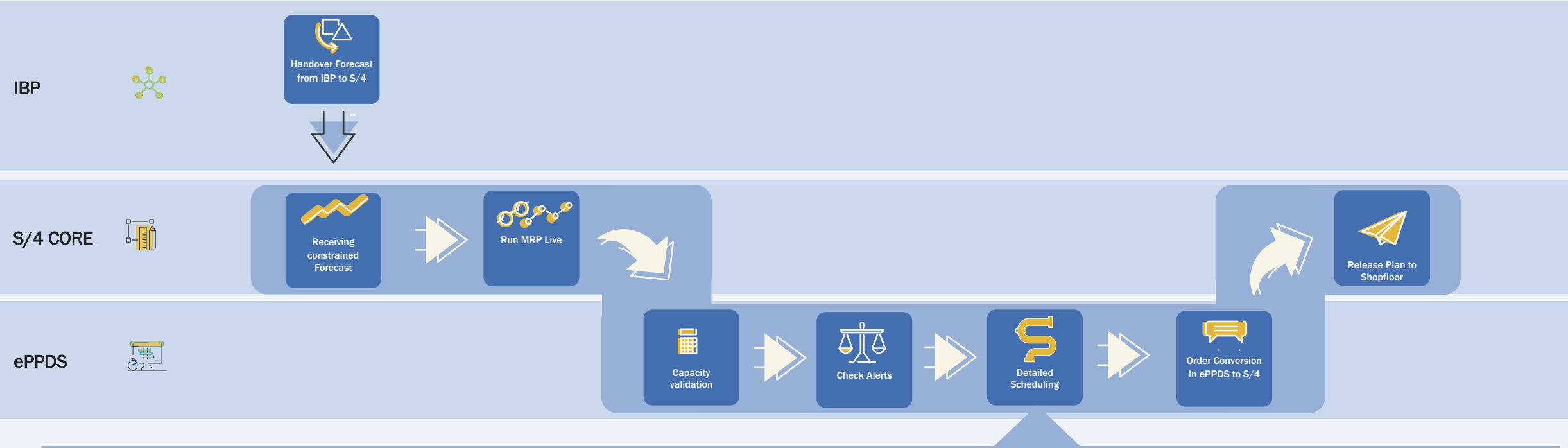
The new embedded PPDS (ePPDS) in SAP S/4HANA includes the finite capacity planning and sequencing capabilities of SAP APO. The integrated PPDS functionality provides several benefits, such as simplified integration of master and transactional data, the ability to execute finite capacity planning and sequencing algorithms of PPDS from the MRP Live. Additionally, new Fiori apps are introduced in S/4HANA for graphical capacity monitoring, shift maintenance, and capacity leveling using a Gantt chart.

ePPDS in S/4HANA offers various features to bring your production planning and detailed scheduling to the next level



The ePPDS in S/4 HANA offers you many functions for reducing your manual planning effort to a minimum and at the same time gives you full transparency across your internal supply chain.

Detailed Scheduling Process in SAP S/4HANA ePPDS



Short term capacity validation

Process flow



Capacity validation



Check Alerts



Detailed Scheduling



Order Conversion in ePPDS to S/4

Short term capacity adjustments

1

Latest capacities increasing the production schedule quality

Demonstrated steps:



Maintain necessary resource downtimes



Maintain latest and correct shift models



Check capacity conflicts

Key takeaways:



Short term downtimes can be considered in ePPDS

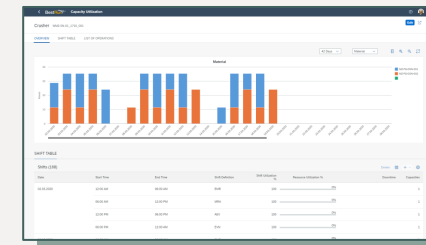
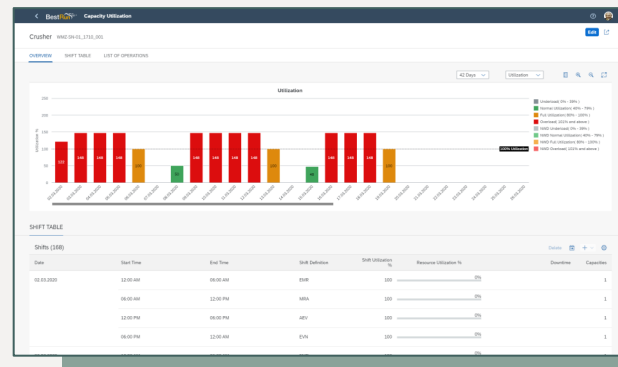


Correct capacity reflection in ePPDS highly increase the production schedule result



Capacity view in ePPDS support detection of capacity conflicts

System preview



Extended functions



Multiple resource types to fit specific capacity reflection needs



Web-based Fiori apps for detailed graphical capacity views



Finite Heuristics for ad-hoc rescheduling

Exception based planning based on Alerts

Process flow



Capacity
validation



Check Alerts



Detailed
Scheduling



Order Conversion
in ePPDS to S/4

Exception based planning based on Alerts

2

Alerting gives transparency to focus on critical exceptions

Demonstrated steps:



Alert Monitor for supporting exception based planning



Visibility across raw material requirements and goods receipt / issue



Pegging gives transparency across all BoM levels

Key takeaways:



The Alert Monitor gives transparency where to solve constraints within each BoM level



Raw material requirements can displayed visually in Gantt Chart or in the Product view



Pegging connects SFG's with FG's and bring them into dependency

System preview

Status	Priority	Description	Plant	Location
1	High	Material shortage in assembly (dynamic program)	0000	0000
2	Medium	Material shortage in assembly (dynamic program)	0000	0000
3	Low	Material shortage in assembly (dynamic program)	0000	0000

Status	Priority	Description	Plant	Location
1	High	Material shortage in assembly (dynamic program)	0000	0000
2	Medium	Material shortage in assembly (dynamic program)	0000	0000
3	Low	Material shortage in assembly (dynamic program)	0000	0000

Extended functions



Days of supply visibility & alerting



Alerting on component level to support the procurement process



Visibility of material shortage in web-based Fiori

Detailed Scheduling

Process flow



Capacity
validation



Check Alerts



Detailed
Scheduling



Order Conversion
in ePPDS to S/4



Detailed Scheduling

3

A feasible plan can be supported by using heuristics

Demonstrated steps:



Features to support the quality of the
production plan



Solving planning conflicts by moving orders
to another resource



Manual drag & drop for exception based
rescheduling based on alerting

Key takeaways:



Setup Matrix, Alternative resources support the
planning process

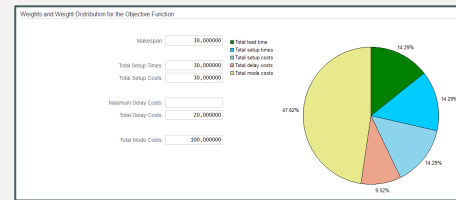
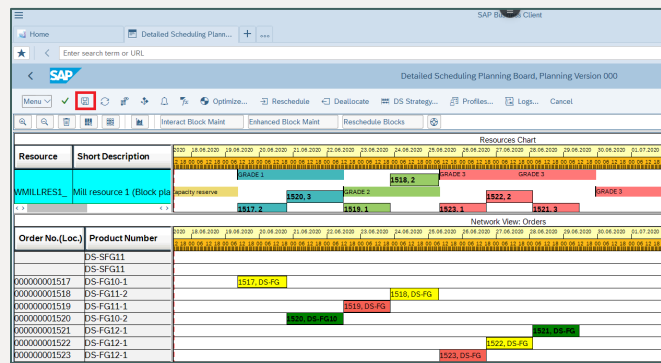


Resources with same characteristics are
inter-changeable



Small planning conflicts can be solved with
manual drag & drop of orders (exception
based)

System preview



Extended functions



> 40 Heuristics for Detailed
Scheduling



Time dependencies between operations
can be displayed in ePPDS



Block planning reduces set-up times

Release Detailed Schedule

Process flow



Capacity
validation



Check Alerts



Detailed
Scheduling



Order Conversion
in ePPDS to S/4

Release Detailed Schedule

4

Orders can be converted directly in ePPDS

Demonstrated steps:



Release of process orders within fixed horizon



Production Orders can be directly converted in the planning board



Status update directly visible in ePPDS

Key takeaways:



Process orders can be directly released within the desired horizon

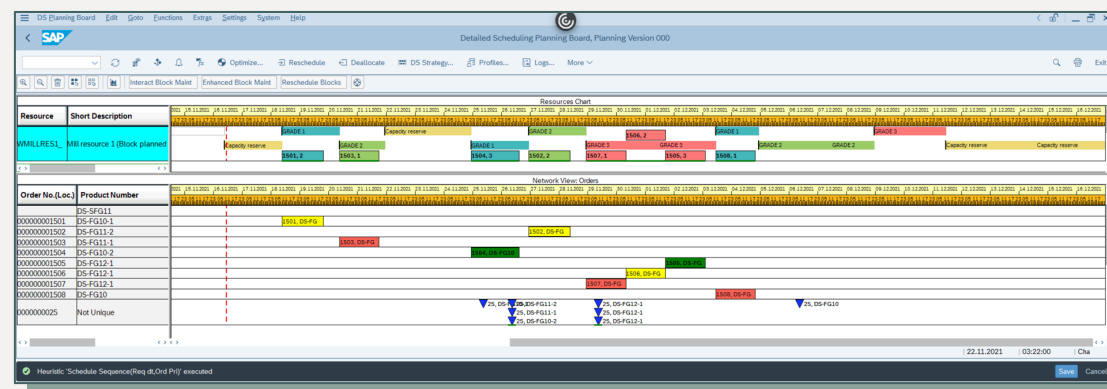


Production Orders can be directly converted in the planning board



Status update directly visible in ePPDS

System preview



Extended functions



Fixing intervals can protect the most current plans from disruptions



Order backlogs can be automatically resolved via heuristic

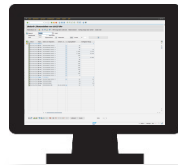
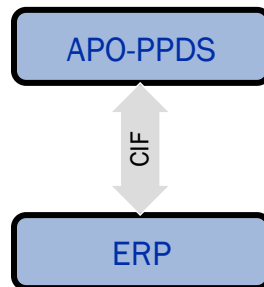


Automatic release of process order within defined horizon

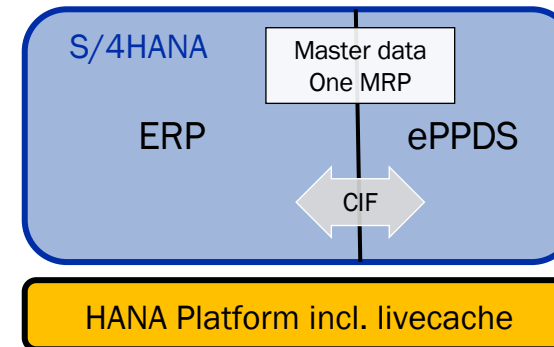
System Architecture & Data Transfer

The Core Interface (CIF) does still exist, but is much more simplified compared to APO

APO-PPDS



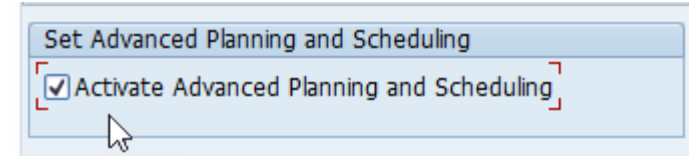
Embedded PPDS




Master Data is activated for Planning in ePPDS via a simple checkmark

Once Advanced Planning is activated in configuration, it opens up for additional features on the master data

- New tab on the material master for advanced planning
- Checkmark on the Resource/Workcenter
- Locations and production version are transferred via a job





MRP 4 **Advanced Planning** Extended SPP Plant data / stor. 1 Plant data / stor. 2 Accounting 1


Material: P1PACK03 

Descr.: * Packaging material 03

Plant: P100 ePPDS Production Plant 01

General


Advanced Planning: ☒  Active for planning 

Scope Limitation: Scope Profile: 

Proc./PPDS

Base Unit: * EA	Product Heuristic: SAP_PP_002
Plan Explosion: <input type="checkbox"/>	Planning Package: <input type="text"/>
Priority: <input type="text"/>	Int. Sourcing Profile: <input type="text"/>
PP Plng Procedure: 4	Conversion Rule: SAP999
Planning Group: <input type="text"/>	PP/DS Horizon: <input type="text"/>

Plant: P100 ePPDS Production Plant 01

Resource: P2PRES01 

Basic Data Default Values Capacities Scheduling Costing Groups

General Data

Resource Category: 0008	Processing unit
Person Responsible: * 001	SAP Beispiel: Verantwortlicher 001
Location: <input type="text"/>	
QDR System: <input type="text"/>	
Supply Area: <input type="text"/>	
Usage: * 009	All task list types
Transition matrix: <input type="text"/>	
Backflush: <input type="checkbox"/>	
	Advanced Planning: <input checked="" type="checkbox"/>

No need for Integration Models for transactional data

Transactional data don't need Integration Models either, the different order types are just selected and then all orders for „Advanced Planning“ material/plant combinations are transferred

Only a few areas need Integration Models such as purchasing info records, characteristics and setup groups,

Order Types For Transfer

- ☒ Stocks
- ☒ Sales Orders
- ☒ Planned Ind. Reqs
- ☒ Planned Orders
- ☒ Prod. Orders
- ☒ Prod. Campaign
- ☒ POs and PReqs
- ☒ Manual Reserv.
- ☒ Req. Reduction
- ☒ Insp. Lots
- ☒ Batches
- ☒ SD Sched. Agmt

Create Integration Model

Model Name: IM
Logical System: RS4CLNT400
APO Application: IM

Material Dependent Objects

- ☐ Materials
- ☐ MRP Area Matl
- ☐ AMPL
- ☐ Planning Matl
- ☐ Supply Area
- ☐ Contracts
- ☐ Pur.Info Record
- ☐ PackSpec
- ☐ SchedAgreements


General Selection Options for Materials

Field	From	To
Material		
Plant		
Matl Type		
PlantSpec. Mtl Stat		
MRP Ctrlr		
MRP Type		
ABC Indicator		
Material group		
Crosspl Mat Status		
Storage Location		
Warehouse Number		

Material Independent Objects

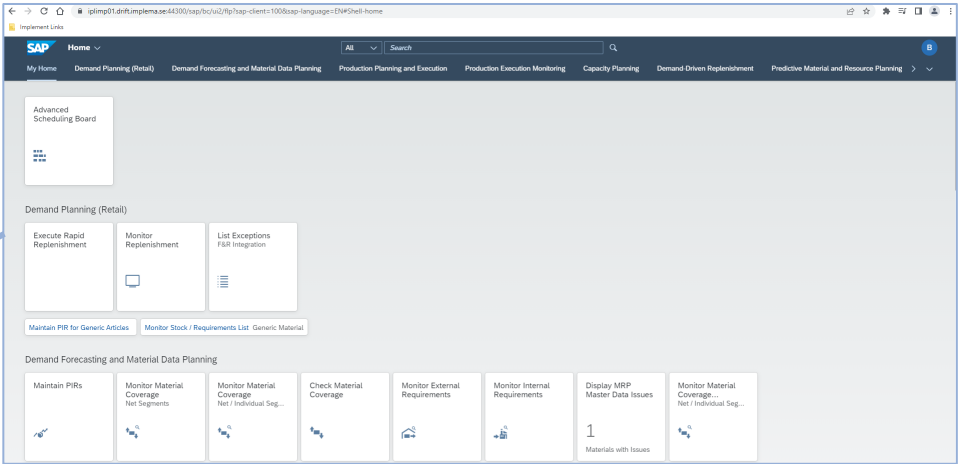
- ☐ Change Number
- ☐ Maint.Order
- ☐ Equipment
- ☐ PPE
- ☐ Classes/Charact
- ☐ Setup Groups
- ☐ Network
- ☐ Functional Loc.
- ☐ SUS

Work with the SAP Fiori front-end as alternative to SAP GUI




SAP Fiori Frontend
(web-based)

>1000 Apps for
Manufacturing /
Supply Chain



Real-Time Data Transfer

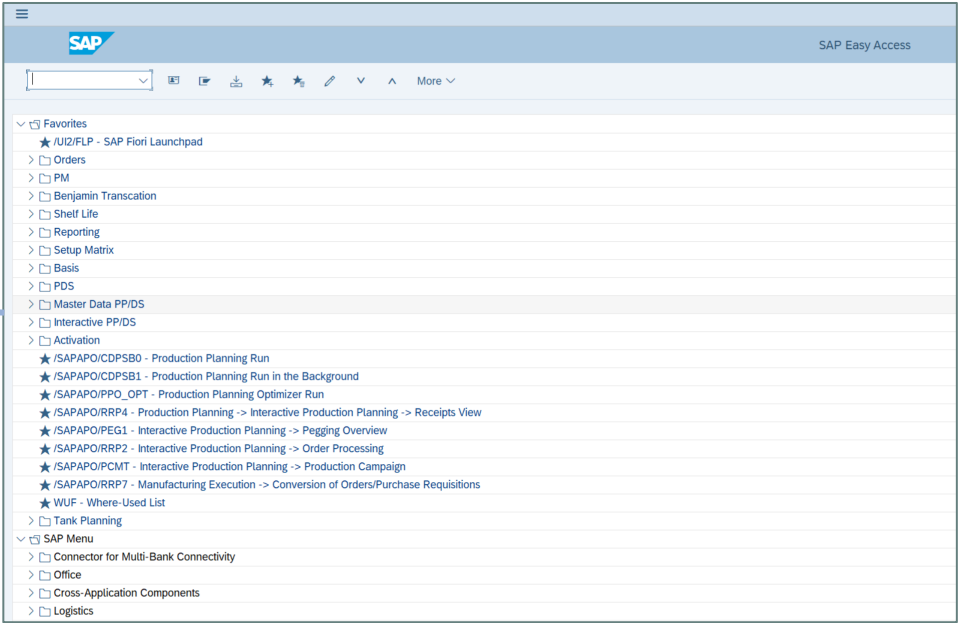




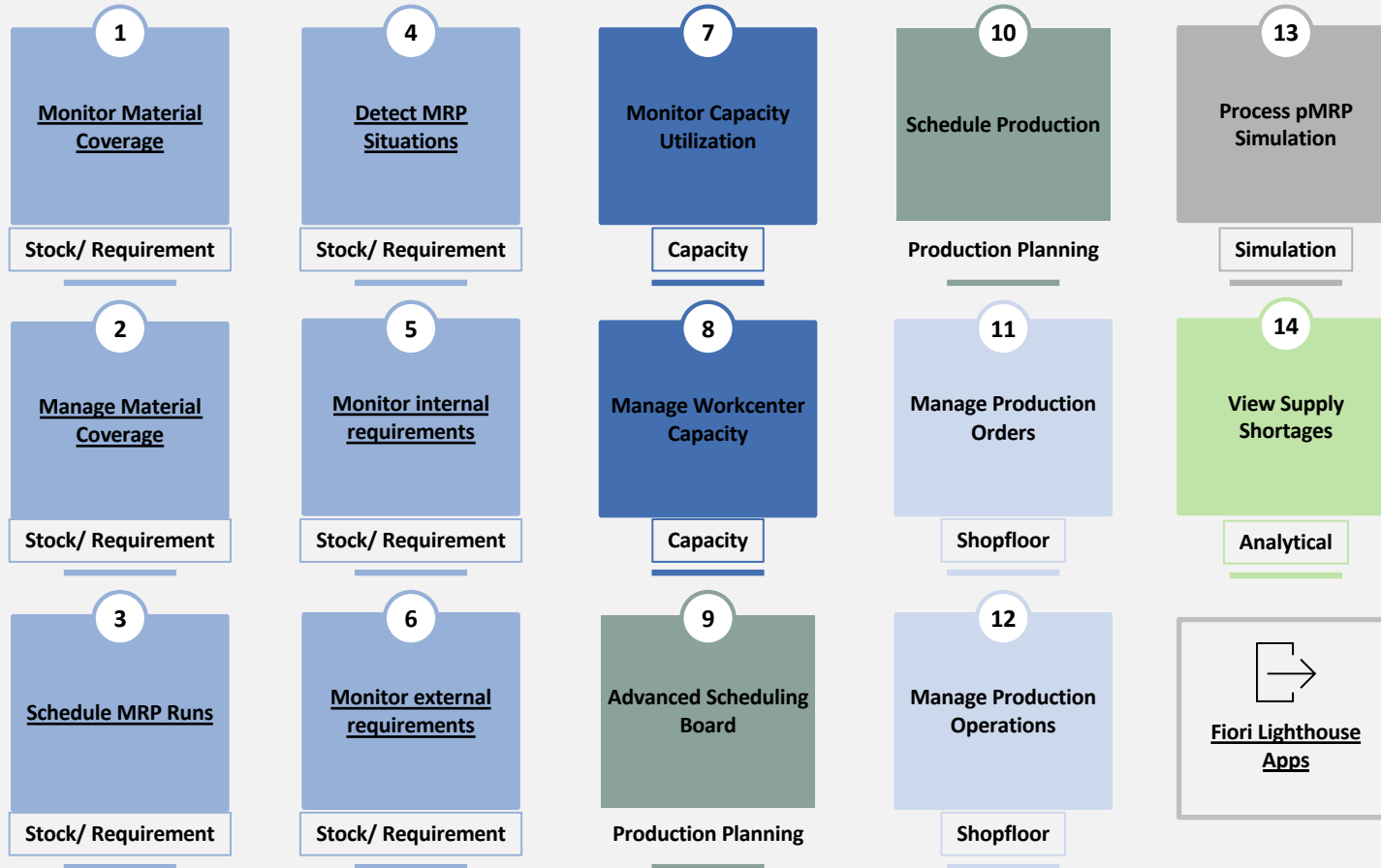
SAP S/4HANA
(on premise)

ePP/DS

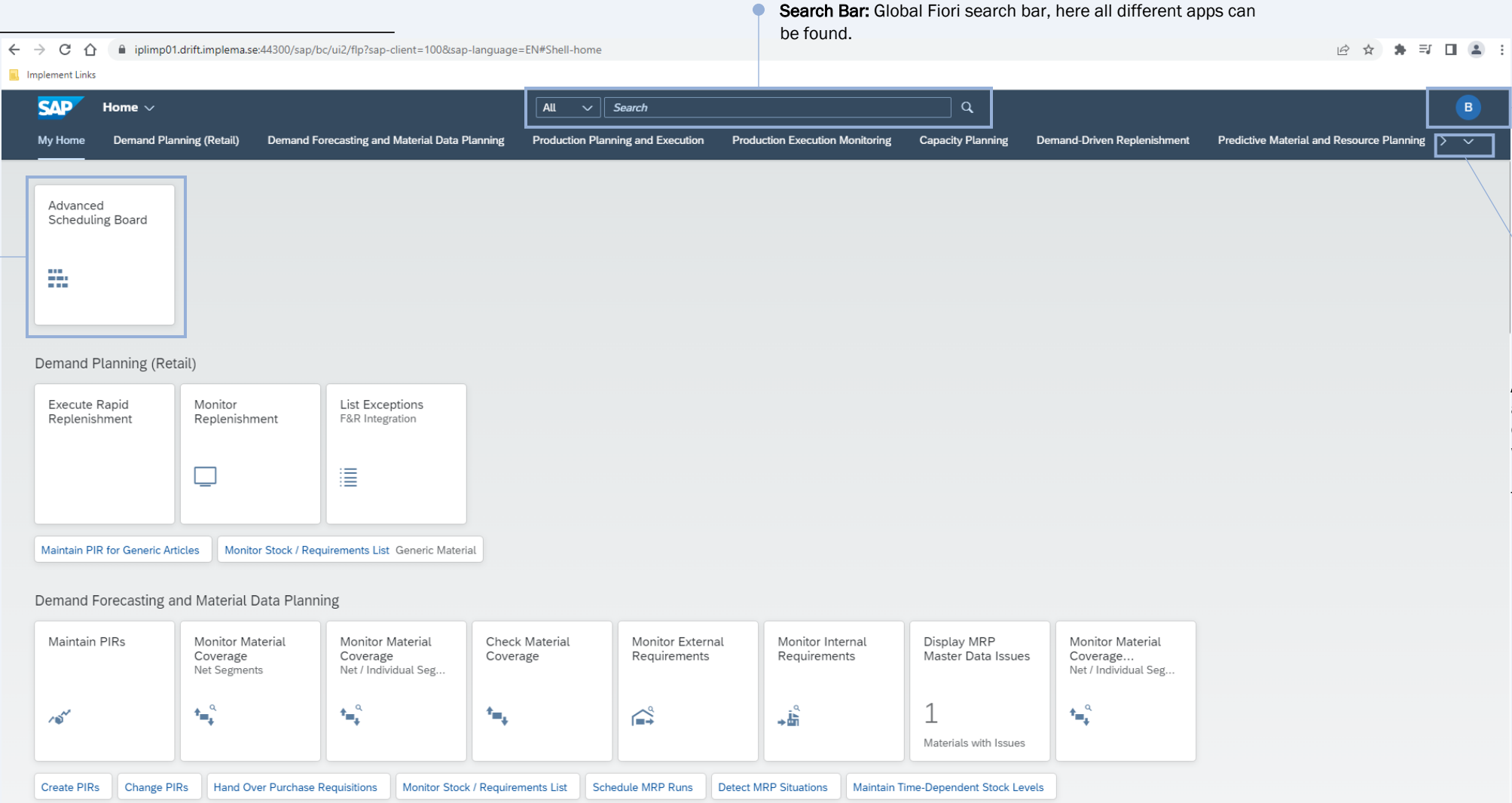
HANA Database



ePPDS comes with Fiori Apps to support the daily Production Planning and Detailed Scheduling Process



Fiori Launchpad



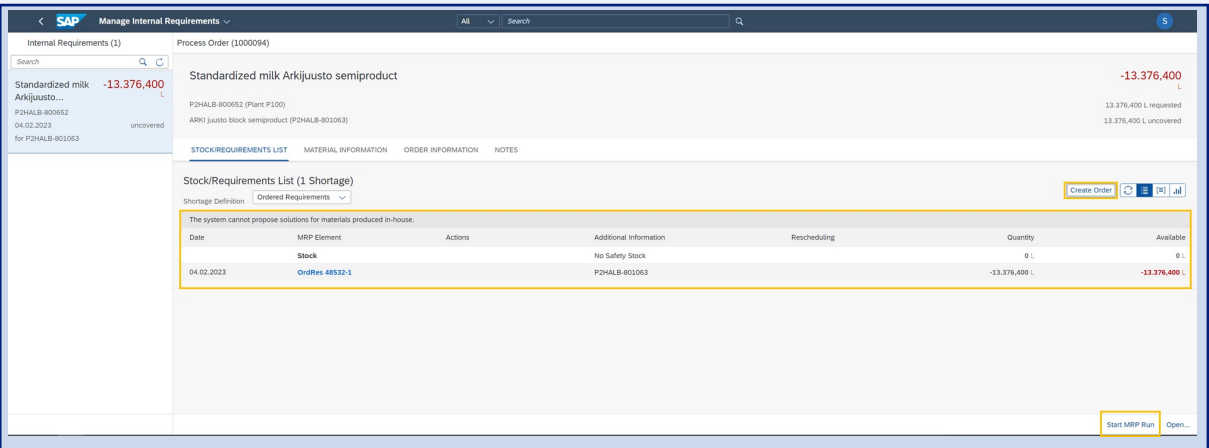
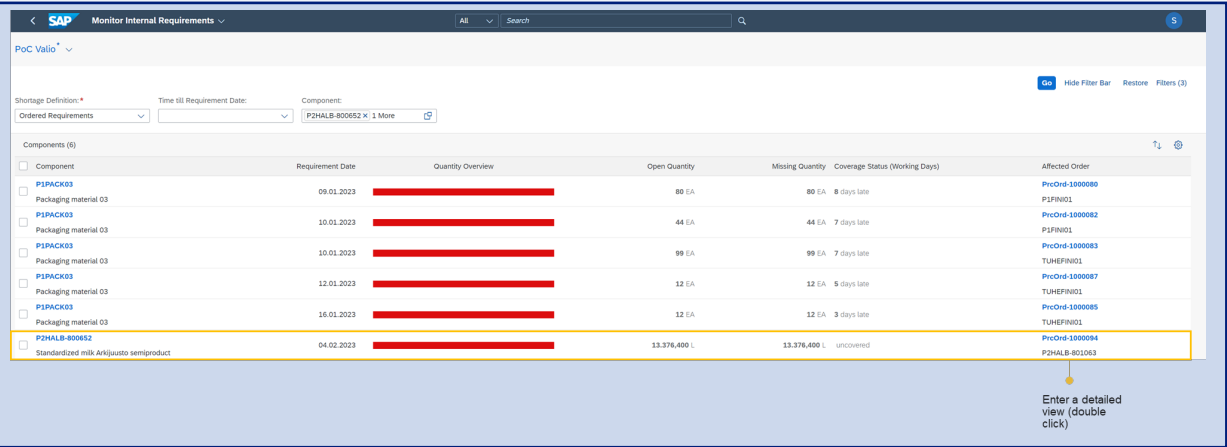
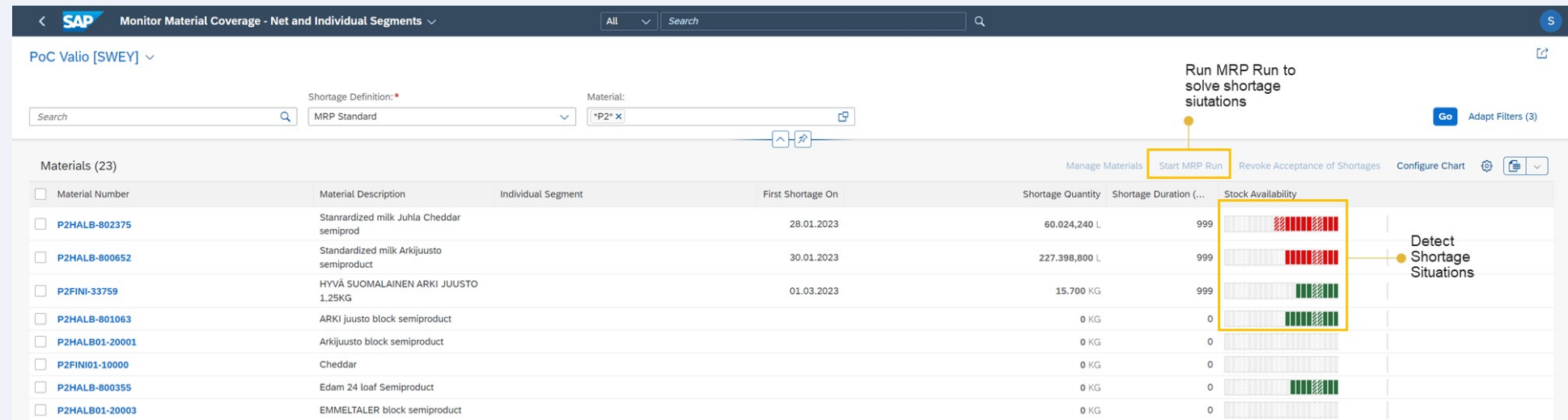
Favourites: Like in the GUI it is possible to add favourite tiles in the top of the start screen.

Search Bar: Global Fiori search bar, here all different apps can be found.

Profile: Setup the profile and customize SAP Fiori for the user.

App Groups: The apps in Fiori is divided into groups, which helps the user to navigate to the desired ones.

Monitor Material Coverage – Shortage Situation can be monitored and solved directly in Fiori



Monitor Capacity App – evaluate capacity consumption and potential overloads

Manage Variants: Create, save and choose specific views.

Filters: Create, save and choose filters to show only relevant content.

Define table: Choose columns, sort, check meaning of legends to customize the table.

SAP Monitor Capacity Utilization

Valio POC - BENM

Go Hide Filter Bar Restore Filters (19)

Evaluation Profile: * Evaluation Horizon: * Resource:

SAP Standard Capacity Utiliz... 28 Days 20 Items

Resources (20)

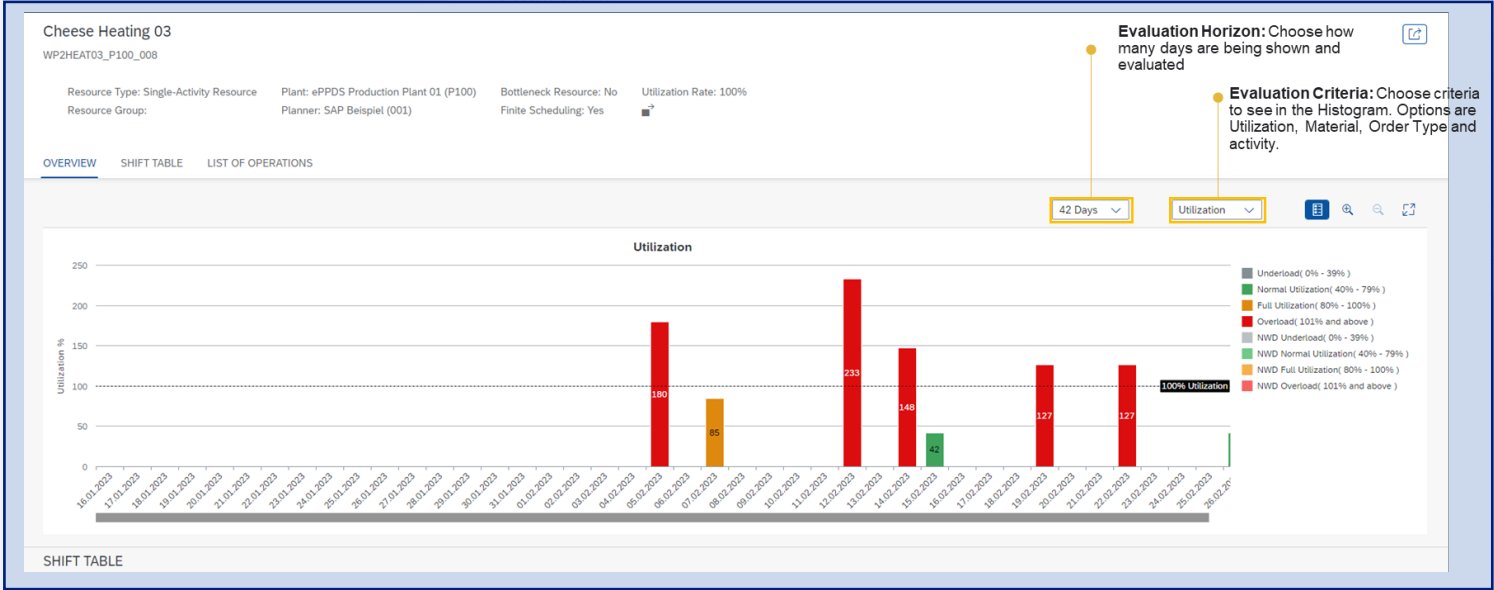
Resource	Breakdown	Maximum	Minimum	Average	First Overload	First Underload	Utilization
<input type="checkbox"/> WP2DRAI02_P100_008	Cheese Draining, Moulding 02	300 %	0 %	49 %	30.01.2023	16.01.2023	
<input type="checkbox"/> WP2HEAT02_P100_008	Cheese Heating 02	233 %	0 %	54 %	30.01.2023	16.01.2023	
<input type="checkbox"/> WP2HEAT03_P100_008	Cheese Heating 03	233 %	0 %	19 %	05.02.2023	16.01.2023	
<input type="checkbox"/> WP2PRES01_P100_008	Pressing 01	128 %	0 %	30 %	31.01.2023	16.01.2023	

Legend

Resource Planning Table Production Scheduling Board

Utilization: Showing the utilization on the chosen resources on each day for the number of chosen days in the Evaluation Horizon.

Click one of the resources to see a more specific view and data in a histogram.

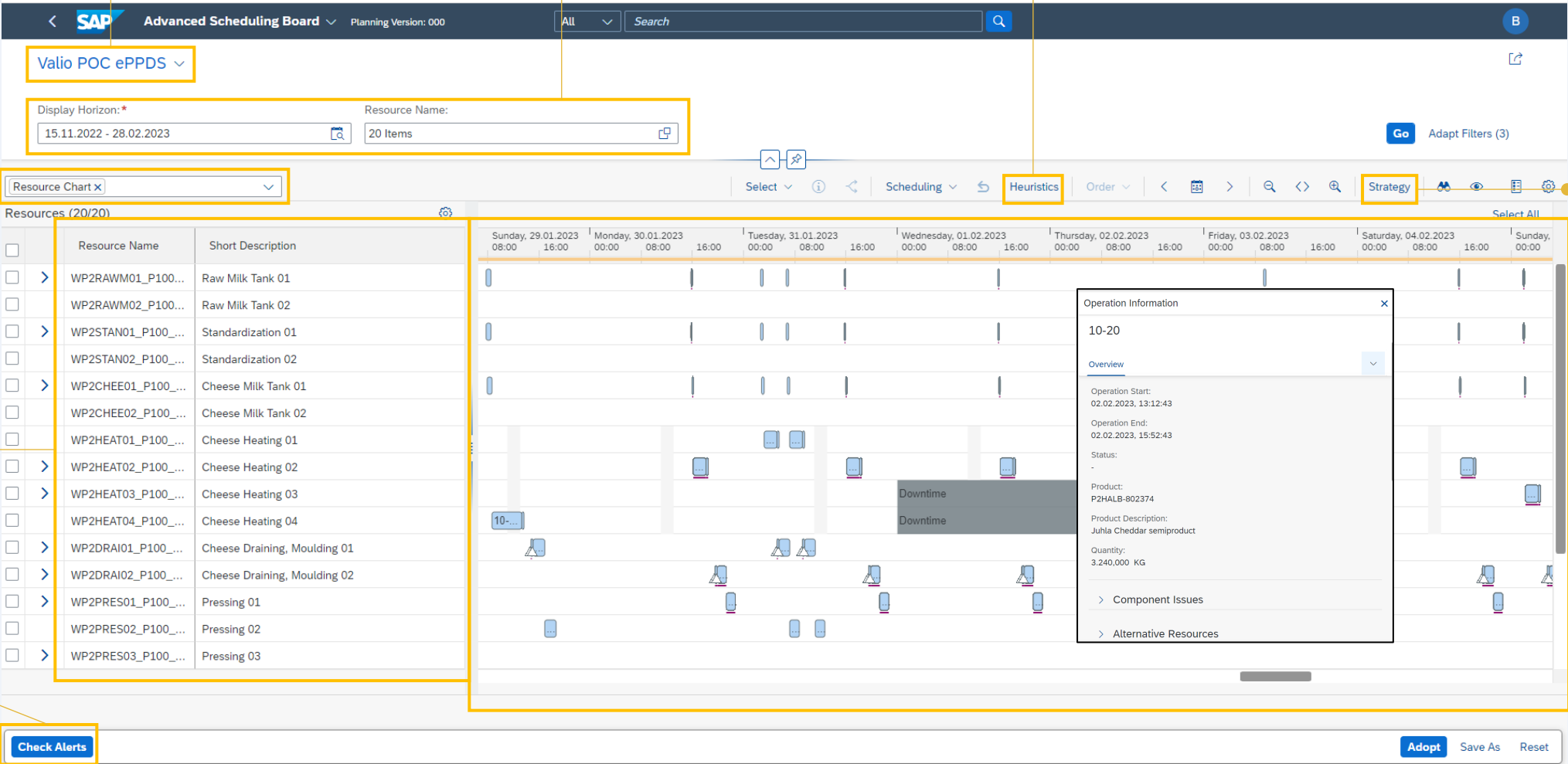


Advanced Scheduling Board Fiori App – new features & capabilities with S/4HANA 2022

Select View: Selecting and saving views and filters on the planning board.

Filtering: Various filters can be applied to show only relevant content in the planning board.

Execute Heuristics: Deciding a priority for how SAP must schedule orders. Relevant for scheduling



Strategy: Defining the planning strategy. Schedule mode, forward/backward planning. Determines how orders are sequenced.

Scheduling Board: Graphical overview of orders, operations, downtimes and timeline. This is where orders are planned and impact is overviewed.

Monitor Process Orders – Helps the Planner to track critical Process Orders

SAP

Monitor Process Orders

All

Search

S

PoC Valio

Go

Hide Filter Bar

Restore

Filters (10)

Shortage Definition: *

Order Status:

Component Delay:

Material:

Material Delay:

Delay in Process:

MRP Standard

Released x

All

All

All

Process Orders (2)

Status	Material	Start	End	Open Quantity	Order Status	Material Delay (Working Days)	Missing Components	Component Coverage (Working Days)	Delay in Process (Working Days)
<input checked="" type="checkbox"/>	P1FINI01 Finished Good 01	10.01.2023	13.01.2023	55 EA	Released		2	7 days late	7
<input type="checkbox"/>	TUHEFINI01 Finished Good TUHE 01	16.01.2023	18.01.2023	12 EA	Released		2	No Supply	3

SAP

Manage Orders

All

Search

S

Process Orders (1)

Search

Finished Good 01

P1FINI01
10.01.2023-13.01.2023
PrcOrd 1000082

55 EA

View current demand & supply situation

Detect which components are missing

Details on Material & Stock

See Status on operation level

Details on Process Order

Stock / Requirements

Components

Milestones

Material

Process Order

Stock/Requirements List (1 Shortage)

Shortage Definition

MRP Standard

The system cannot propose solutions for materials produced in-house.

Date	MRP Element	Actions
	Stock	
01.09.2022	IndReq VSF	
29.09.2022	CusOrd 3-10	
14.11.2022	IndReq VSF	
09.01.2023	IndReq VSF	
19.01.2023	PrcOrd 1000080-1	Edit
	PrcOrd 1000082-1	Edit

SAP

Manage Orders

All

Search

S

Process Orders (1)

Search

Finished Good 01

P1FINI01
10.01.2023-13.01.2023
PrcOrd 1000082

55 EA

Stock / Requirements

Components

Milestones

Material

Process Order

Process Order (1000082)

Process order (internal number assignmnt) (PI01)

Open / Planned: 55 EA / 55 EA

10.01.2023-13.01.2023

RELEASED

Milestones

Release

Start

Finish

Goods Receipt

Planned: 10.01.2023

Actual: 10.01.2023

10.01.2023

13.01.2023

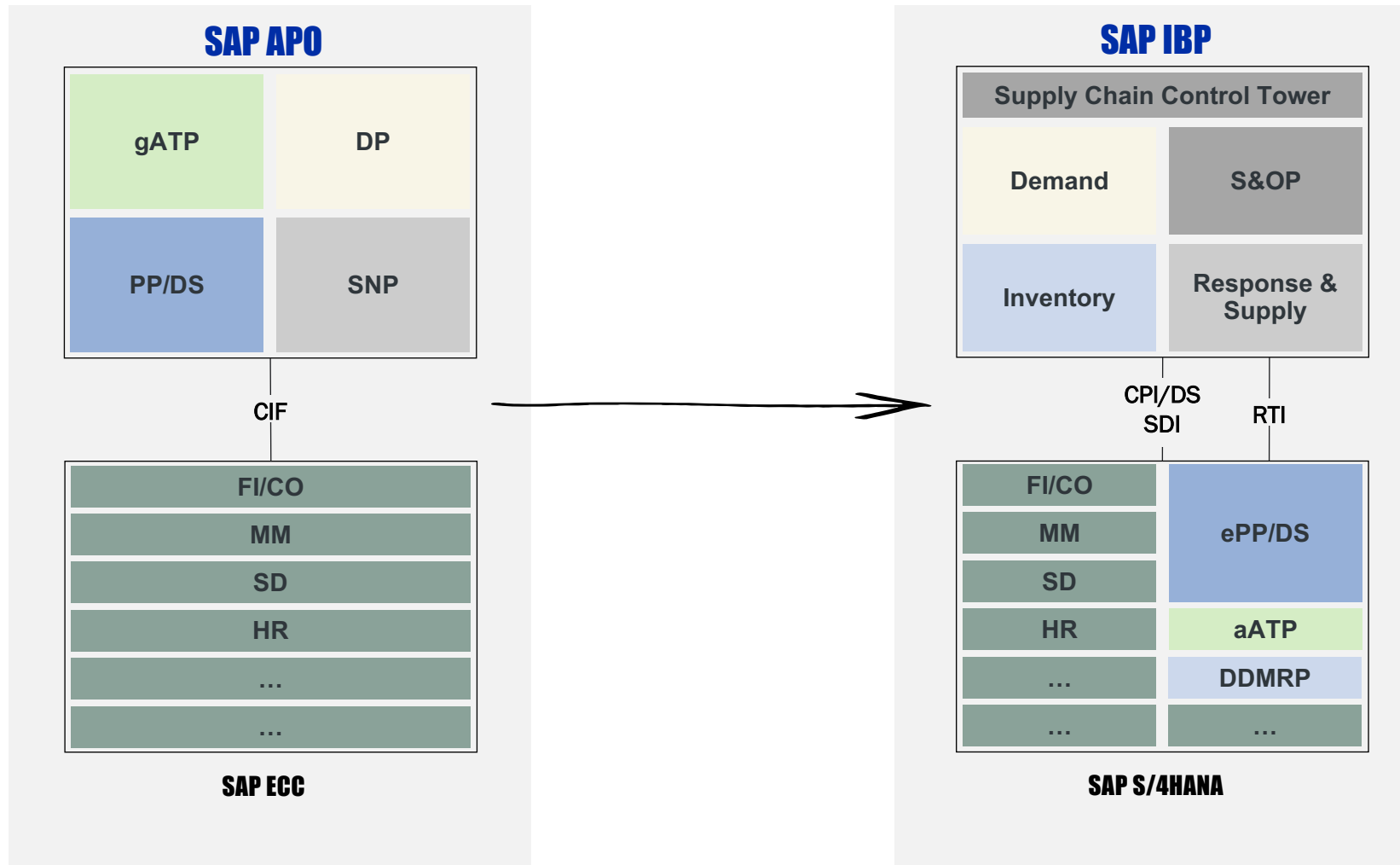
13.01.2023

Confirmation	Operation	Phase	Resource	Scheduled Start/End	Open Quantity	Quantity Overview	Status
	0010	Main	P1PACK01 Pack 01 (Big Bag)	10.01.2023, 00:00 12.01.2023, 09:00			● ● ●
		0020	P1PACK01 Pack 01 (Big Bag)	10.01.2023, 00:00 10.01.2023, 02:00	55 EA		● ● ●
		0030	P1PACK01 Pack 01 (Big Bag)	10.01.2023, 02:00 12.01.2023, 09:00	55 EA		● ● ●

Start MRP Run

Open...

APO Planning functions are split between SAP IBP and SAP S/4HANA



What are the strengths of the different SAP Production Planning systems?

IBP Time-series planning



Works great for...

- Full network optimization (source of production, production levelling of peaks or seasonal demands, stock projections and impact on warehouse capacities)
- Master Production Schedule simulations (frequency, MIN/MAX limits for individual or group of products)
- Inventory target optimization & simulations
- Rough allocation of volumes in constrained situations at different levels of aggregation or with different priority-setting strategies

Key characteristics

- Time bucket planning (day or week is lowest level)
- Aggregated constraints (highly flexible modelling of constraints)
- Integration on daily level (typically either via CI-DS or directly as a copy from order-based planning using RTI)

IBP Order based planning



Works great for...

- Network planning across production & distribution using finite planning heuristic
- Operational deployment and distribution planning including transport load building
- Detailed shelf life requirements planning utilizing stock on hand batch information
- Linking the tactical & operational plans towards execution
- Creating product allocations for linkage to order management processes

Key characteristics

- Planning at order level per day
- Switchable constraints at a pre-defined level (i.e. production resource level, transport resource)
- Real-time integration towards ECC and S/4
- Synchronized planning interface with S/4 ePPDS

S/4 ePPDS



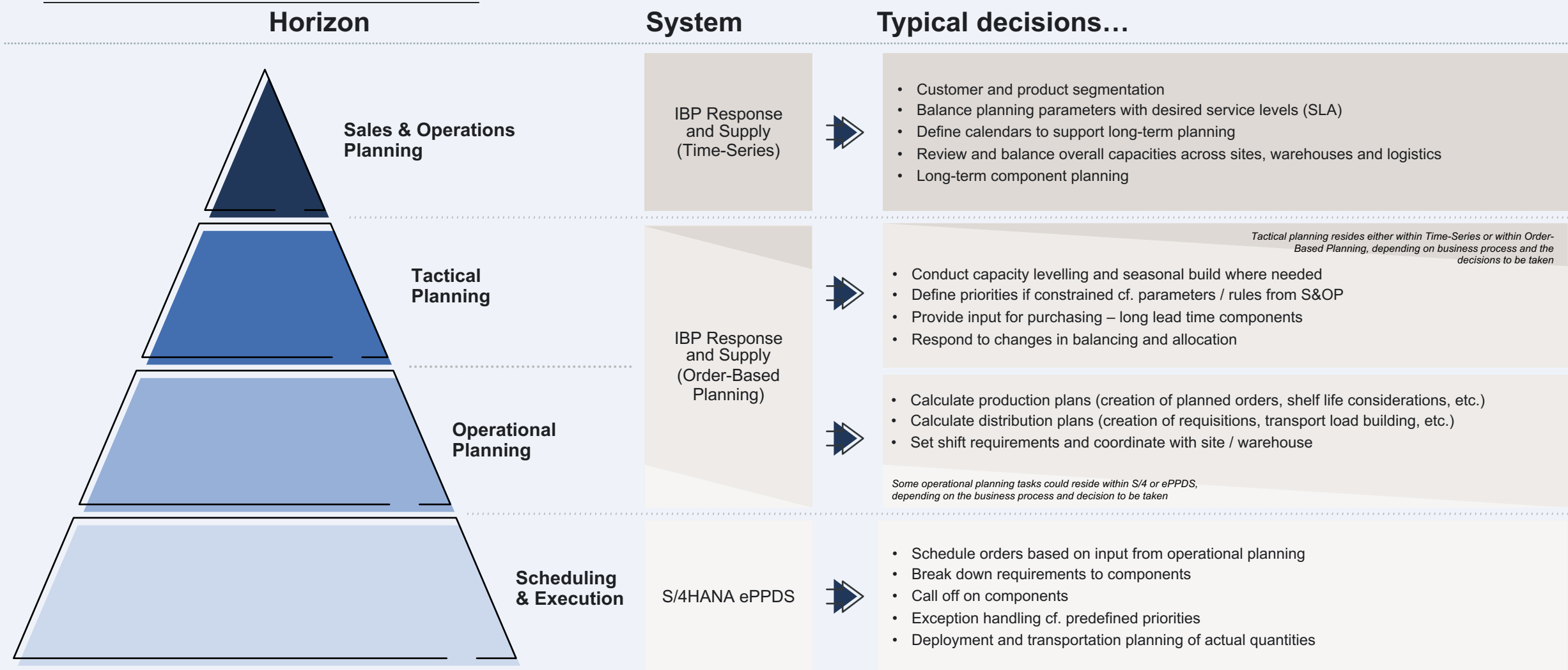
Works great for...

- Plant-centric MRP planning (i.e. MRP at single plant)
- Detailed scheduling & sequencing of orders
- Alerting on short time capacity situations
- Monitoring production progress

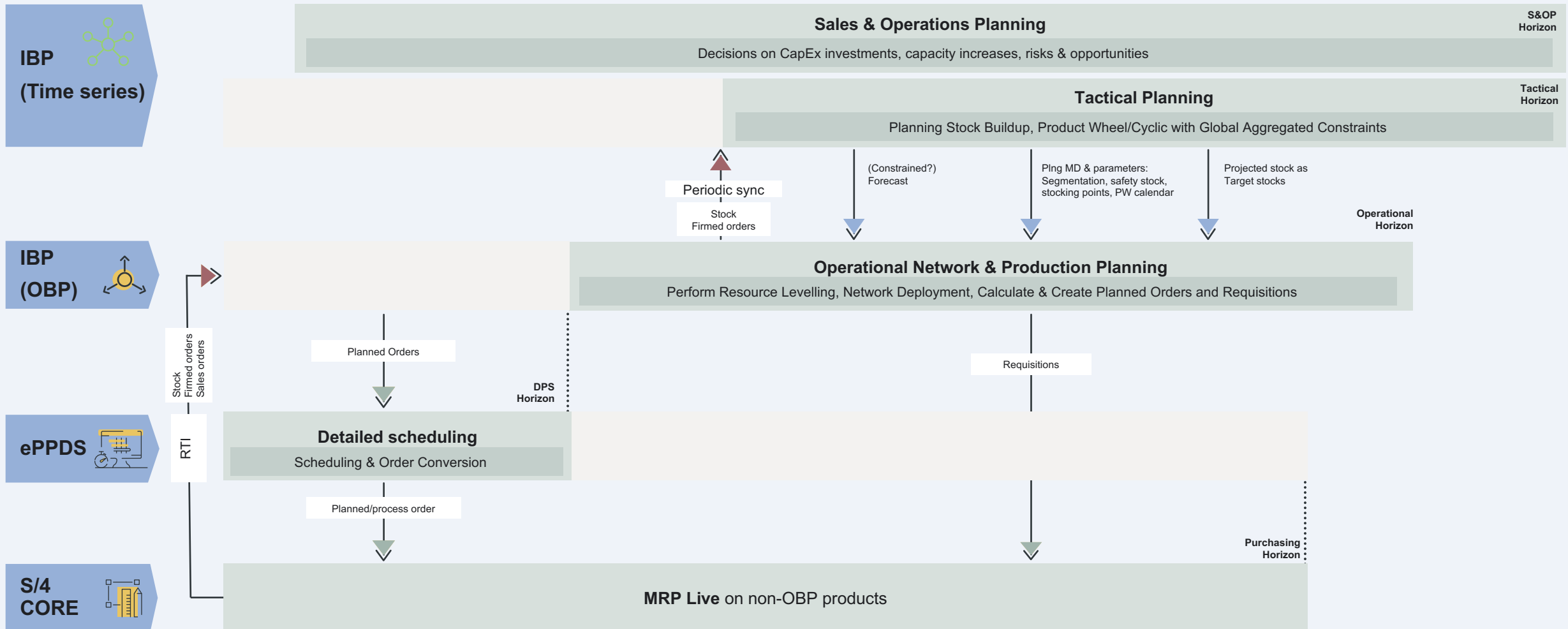
Key characteristics

- Planning at the most detailed level (hours and minutes)

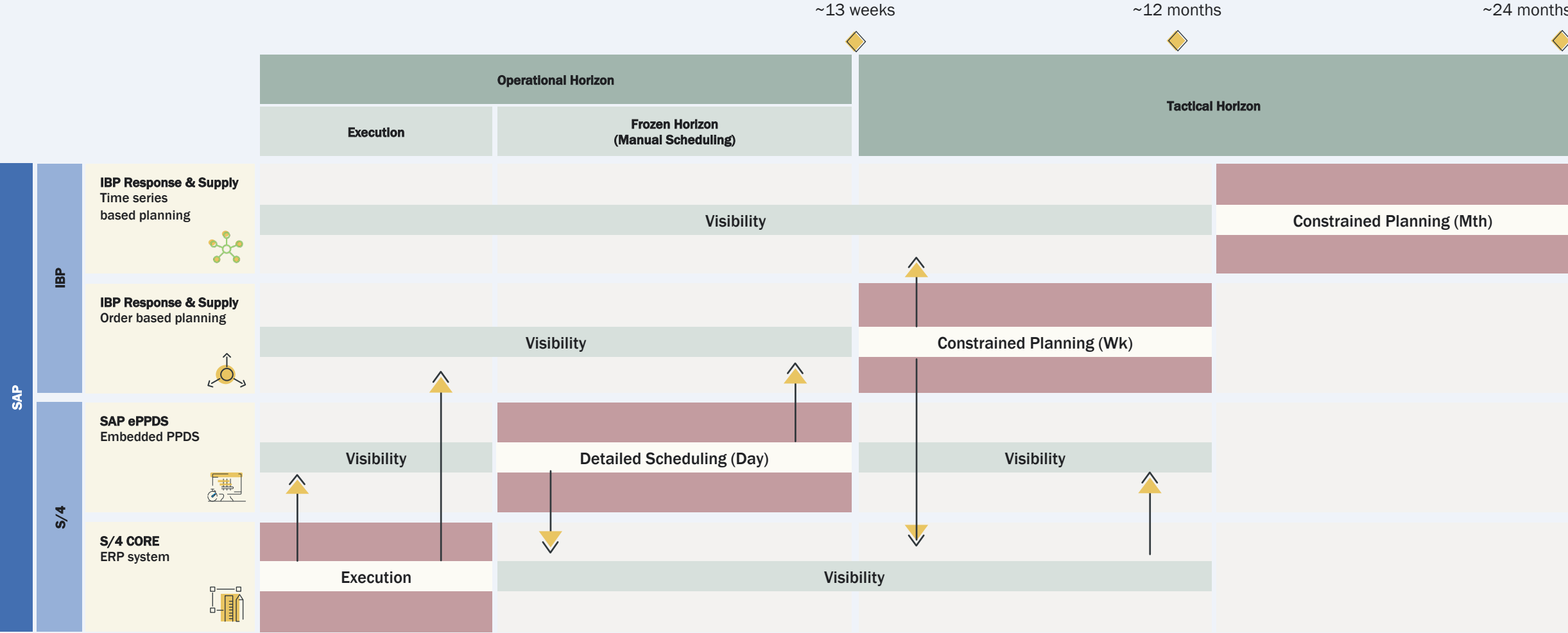
System Landscape combined with the planning decisions taken



In a mixed landscape with both IBP and ePPDS we recommend the following system landscape



In a mixed landscape, which is the leading planning engine and how is the visibility across, over the different horizons?

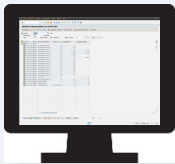
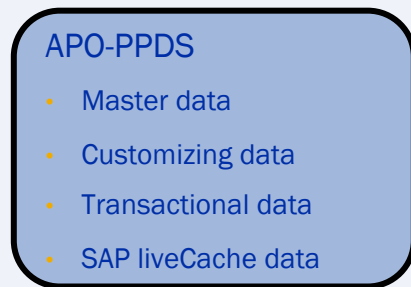
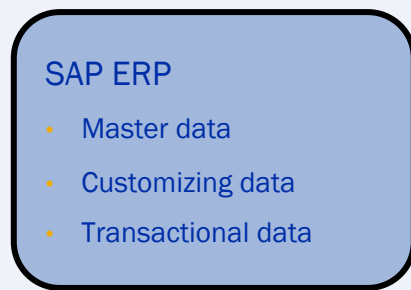


Implementing ePPDS

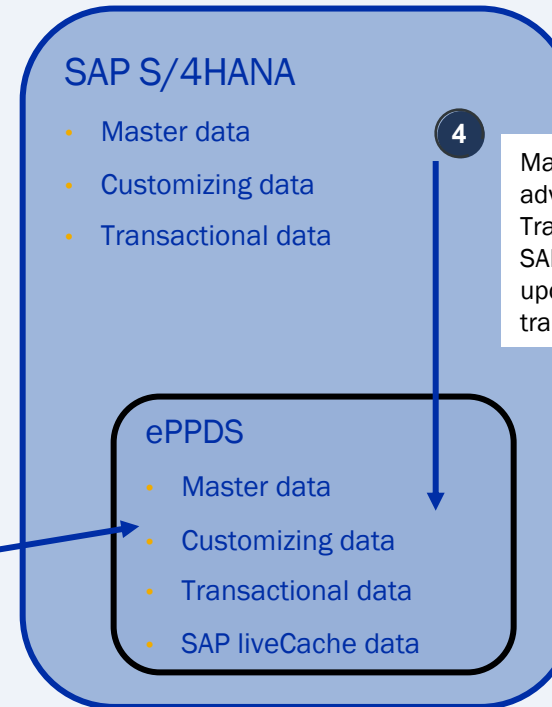
- Migration from SAP APO linked to SAP ERP to SAP S/4HANA with embedded PPDS
- Understanding Integration Options, Tasks and Limitations from APO to ePPDS

Migration from SAP APO linked to SAP ERP to SAP S/4HANA with embedded PPDS

Existing Landscape



New Landscape



1 Conversion Process

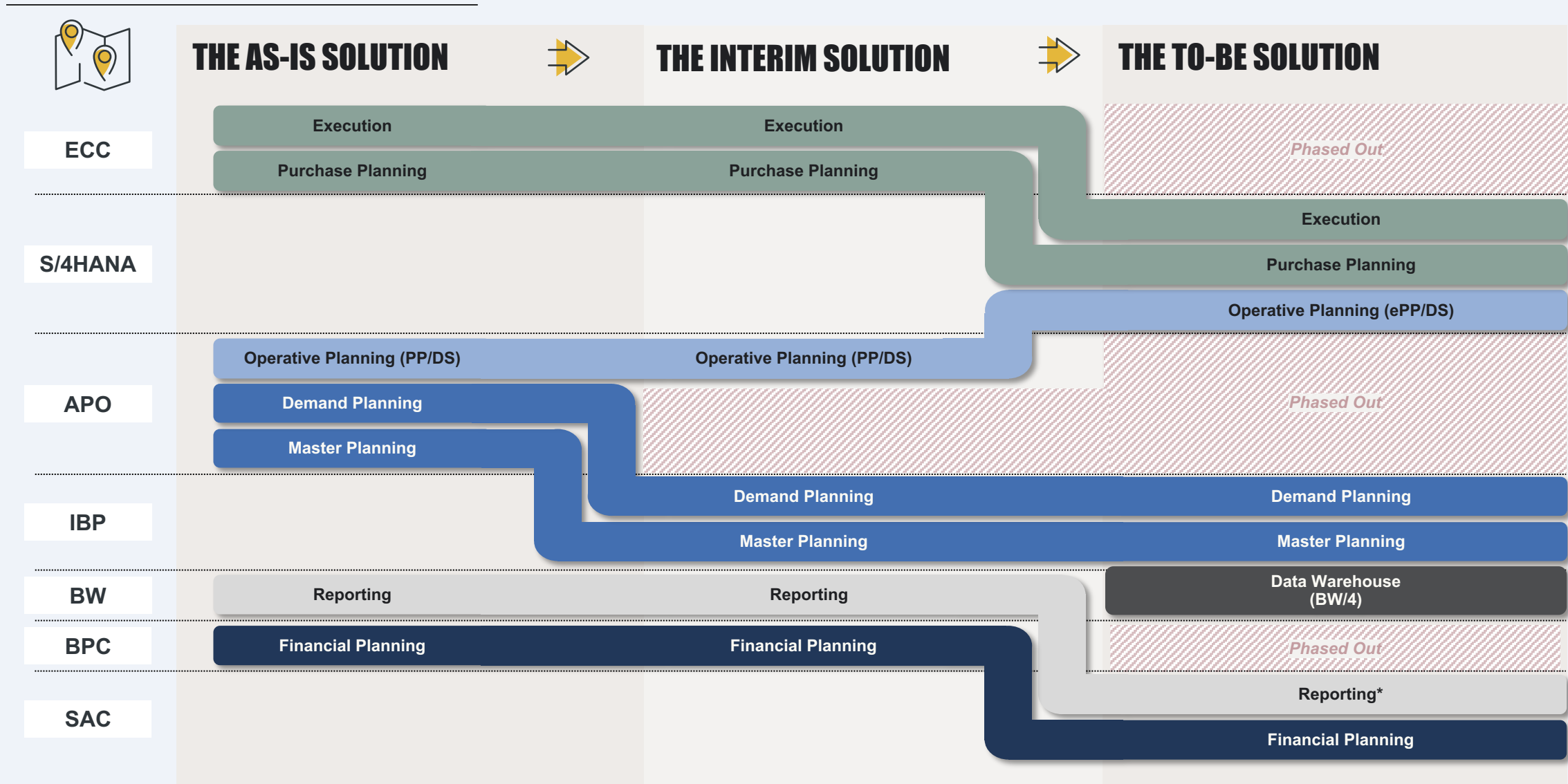
3 PPDS master data manual extraction from SAP APO and update SAP S/4HANA (mass maintenance, data services etc.)

2 Manual implementation of configuration*

4 Master data activation for advanced planning
Transactional data and SAP liveCache data is updated from S/4 transactional data

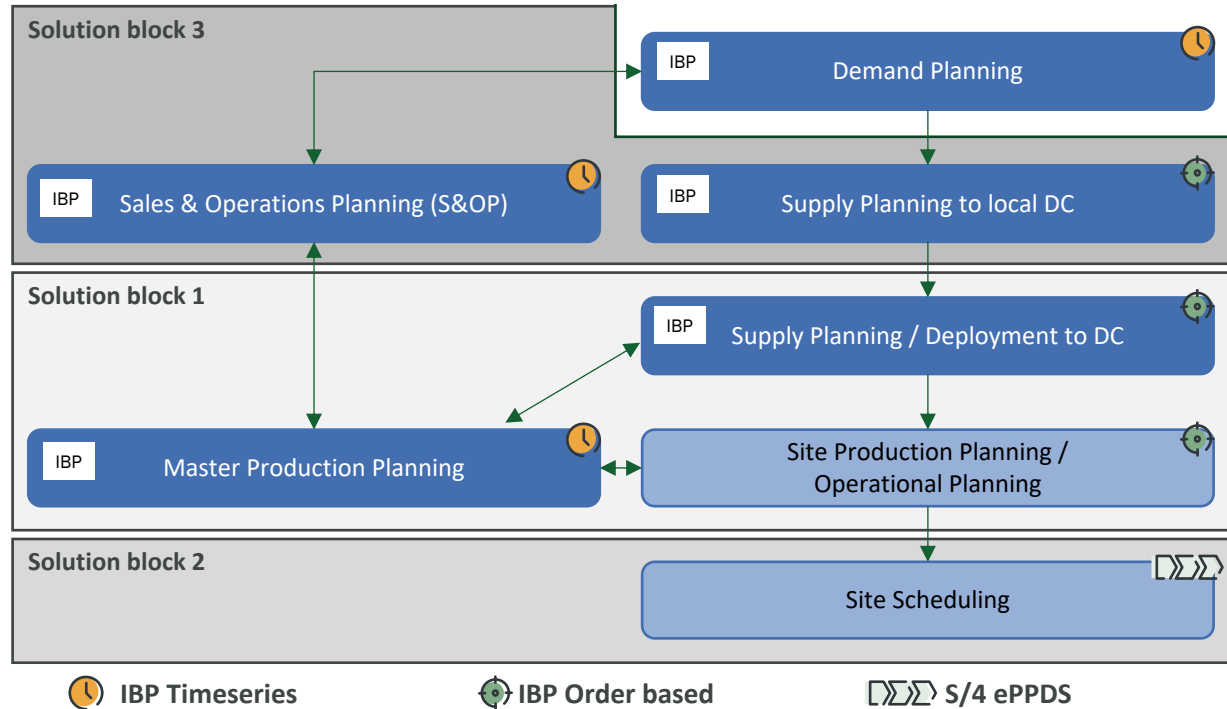
*Evaluate if the Production Planning and Detailed Scheduling solution should be rebuild from scratch ("Green field")

Sound easy, but how do you do this when your company is using SAP APO in many areas...(and have many sites)



The logical sequence of functional rollout is based on the dependency between the OVERALL solution blocks

Overall solutions block and dependencies...



... leading to logical rollout sequence...

Solution block 1

- The site production planning is a prerequisite for the site scheduling to take place
- The site production planning is dependent on the signals from supply planning out of site as well as master production planning
- (Demand Planning for international is also in solution block 1 – most likely integrated from APO, replenishment signal)

Solution block 2

- In order to get all sites into ePPDS before 2027, the rollout of scheduling needs to start asap

Solution block 3

- Sales & Operations Planning is report based and can run as is until tactical/operational planning is in place (interfaces to be ensured)
- Supply planning to local DC's is independent and can be rolled out separately

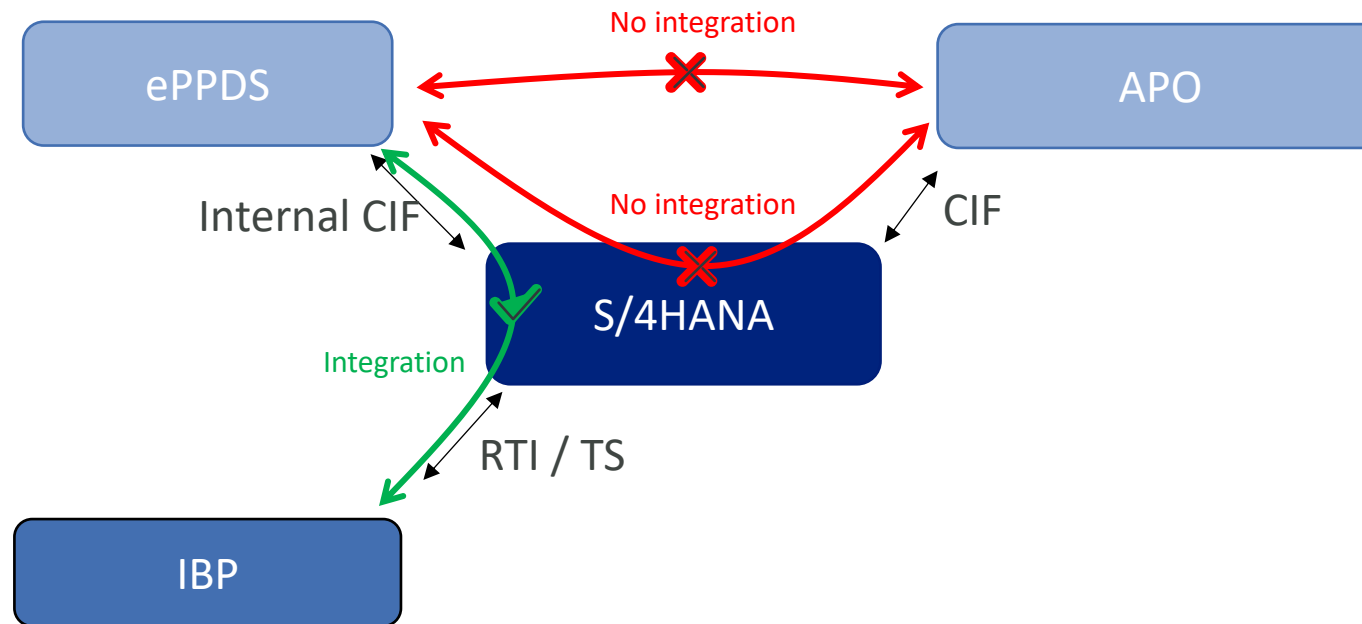


The most simple way to avoid dependencies between the different solution elements, is to rollout 'top-down'. However, this sometimes do not fulfil expectations to time line nor *time-to-value*

Technical Implications for having APO and ePPDS running at the same time

SAP S/4HANA (core) can integrate to both ePPDS and APO...but there is no integration between APO and ePPDS

The concept of synchronized planning can integrate between IBP and ePPDS



This goes for all order elements – also for Forecast created in APO DP cannot be visible in ePPDS as planned independent requirements

This is not new and SAP has stated this up front, but many are not thinking about it before roll-out plans are made..

SAP Note 3073717 General Restrictions and Implementation Recommendations for Production Planning and Detailed Scheduling for SAP S/4HANA

Usage of “Side-by-Side SCM-APO” as a part of S/4HANA

Certain versions (refer SAP Note 2376061) of a “Standalone SCM-APO” system running side-by-side with SAP S/4HANA are supported (including all functions integrating standalone SNP, DP and PP/DS).

“Standalone SCM-APO” and PP/DS for SAP S/4HANA can be used together, but the data modelling should ensure that there is no data dependency.

Integration of orders generated out of “Standalone SCM-APO” to PP/DS for SAP S/4HANA or vice versa is not supported.

<https://launchpad.support.sap.com/#/notes/3073717>

And not a new issue either, the was also there in APO described in note 563806 under the section (1 SAP R/3 with several SAP APOs) since 2003:

Question: A client of an SAP R/3 system is to be operated with several SAP APO Systems. Does this cause problems?

Answer: In theory, this does not cause problems. **However, note the following: A planned order or production order (for example order 4711), and a PREQ (PReq 4712, pos 0010) or a sales order item can only be sent to a SAP APO system, in other words a PReq created in SAP APO system 1 is not copied to SAP APO system 2.** The SAP APO systems must plan different material/plant combinations.

This would cause problems because a transaction date that was sent from the R/3 system to both APO systems may transfer different updates in the retransfer from both APO systems. Even if the updates from both APO systems are the same, these cannot be processed in such a way that a consistent status is achieved afterwards.

<https://launchpad.support.sap.com/#/notes/563806>

Also, the PPDS PP/DS Cookbook for S/4HANA state that this will not work

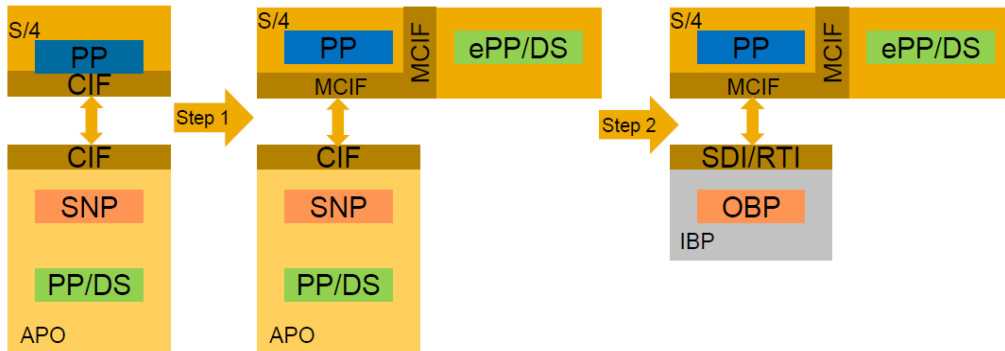
SCM-APO and embedded PP/DS for SAP S/4HANA can be used together, but the data modelling should ensure that there is no data dependency. **That means for example you should take care not to plan the same product-location combinations or the same resources in both PP/DS systems.** If you use SNP of SCM-APO and embedded PP/DS on S/4HANA for the same products and/or locations, there will be a lot of restrictions to be considered.

SAP SCM Consulting has developed a custom solution for Multiple CIF extensions

Purpose of MCIF:



Since it's not always convenient to perform the entire APO replacement within one project it could be preferable to split this process i.e. first implement S/4HANA ePP/DS with still functioning APO integration and only then proceed with IBP implementation. This scenario is not supported by standard means but can be enabled via MCIF Extensions Add-On.



Standard Multiple CIF was designed to support the integration of S/4 PP data with IBP and ePP/DS. MCIF Extensions Add-On implements the enhancements that allow also the integration of the same data with APO. Side-car scenario is supported as well. The usage of gATP functionality (like BOP) in APO also remains possible due to the data flows synchronization.

MCIF extensions allow to sync the creation/changes/deletion of the planned/production orders and their conversion/release/confirmation. The same applies to purchase requisitions/orders. The main supported data flows are depicted below.

A few things to be considered:

- Is this an architectural setup we want to chase further?
- Will this change our recommendation to rollout in terms of value?
- What is the price of this custom development?
- Effort to implement and test vs. build?
- Does multiple also means APO, RTI, ePPDS
- Does this cover all transaction types or only PP? (only planned orders and Prc. Orders in material from SAP)
- Makes the rollout plan more flexible and less interdependent! (also to gATP and reporting)...



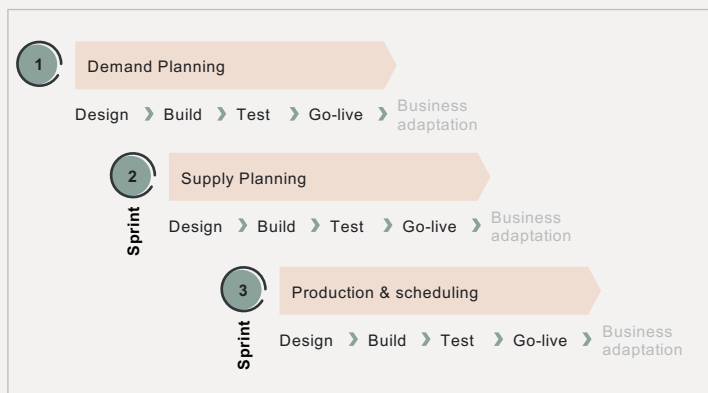
Depending on the company, its complexity and where benefits can be realized faster, different approaches are possible

A typical approach is to divide go-lives by processes based time to impact

For example, a suitable approach for a company with low forecast accuracy with their supply planning under control would be to start with demand planning before supply:

- Simpler solution
- Gives more time to prepare the next phases, e.g. related to integration (usually the critical path)
- Mobilizes the whole organization effectively, which creates commitment
- Allows to go through several rounds of demand review cycles and creates fast learning curve

Illustration

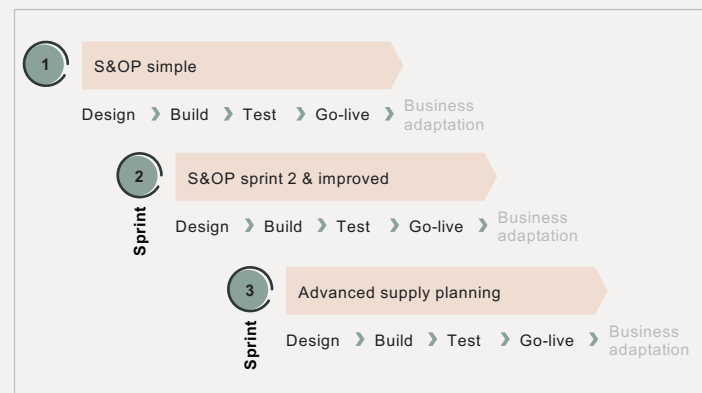


Another approach is to implemented by chunking it down based on functionality

- The **focus** is put on **making the system functionality as simpler as possible with early go-lives**. For example, a company with low process and system maturity could start a simpler version of S&OP based on best practices, and then move to a more advanced process and model:

- Simple forecasting methods
- Time series before order-based
- Heuristics before optimizer
- Etc.

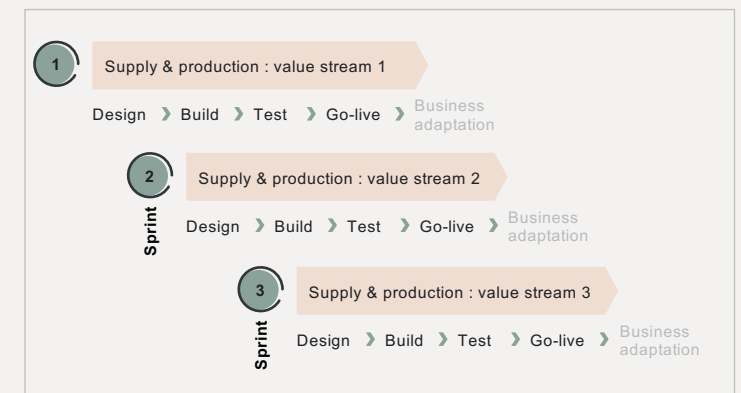
Illustration



Alternatively, we can also slice the business by dividing it in a meaningful way

- If processes are mature and supply planning would have the highest benefits but a big bang approach would be too complex, one could **go-live with different parts of the network** in the following way:
- **Value stream based**: start with a number of product groups that make sense from a capacity standpoint, e.g. share the same product line
- **Distribution network based**: start with a number of warehouses and go upstream
- **Value chain based**: go-live with the Dairy first, starting to work with dependent requirements released from the legacy planning tool

Illustration for Value Stream



Wrap Up

- Where to Find More Information
- Key Point to Take Home
- Questions

Where to Find More Information

Links:

SAP Roadmap for Constraint-Based Production Planning

- <https://roadmaps.sap.com/board?range=CURRENT-LAST&BC=6EAE8B27FCC11ED892E91CE972DC80CC#Q1%202023>

Production Planning and Detailed Scheduling (PP/DS) via SAP Documentation

- https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/f899ce30af9044299d573ea30b533f1c/69f3055130534338e10000000a154ce5.html

Advanced Scheduling Board – Blog by Gayatree Bhattacharyya, SAP

- <https://blogs.sap.com/2022/09/14/advanced-scheduling-board-f5460/>

SAP Integrated Business Planning on the SAP Help Portal

- https://help.sap.com/viewer/p/SAP_INTEGRATED_BUSINESS_PLANNING

New features of SAP IBP – Blog by Implement Consulting Group

- <https://implementconsultinggroup.com/article/new-features-of-sap-ibp-2211/>

Book:

- Mahesh Babu MG, PP-DS with SAP S/4HANA (SAP PRESS 2020)

Key Points to Take Home

- The new embedded PPDS (ePPDS) in SAP S/4HANA includes the finite capacity planning and sequencing capabilities of SAP APO
- The integrated PPDS functionality provides several benefits, such as simplified integration of master and transactional data, the ability to execute finite capacity planning and sequencing algorithms of PPDS from the MRP Live.
- Additionally, new Fiori apps are introduced in S/4HANA for graphical capacity monitoring, shift maintenance, and capacity leveling using a Gantt chart
- Everything you could do in APO PPDS is also available in ePPDS gui version – this also goes for user exits and BADIs
- Embedded PPDS works out of the box compared to getting an external scheduling system and get this to integrate to ERP
- Integration with IBP makes it possible to have a real “Planners workspace”
- Ambitious Roadmap from SAP

Thank you! Any Questions?

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<https://twitter.com/implcg>

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