S4 HANA PPDS CURRICULUM

Overview

- PPDS Overview with PPT

Create MD in ECC

- Creating Material, Work centre, Work centre formulas, BOM, Recipe, Routing and Production version. A detailed session explaining all the Fields relevant to PPDS.

CIF IM

- Integration Model Generation and Activation. Validating data in APO.

Q monitoring

- CIF Error handling, Q monitoring methods, Housekeeping and reconciliation

APO Version Management

- Creation of simulation Model, Version and learn the attributes. Copy from version to version of master data and Transaction Data

APO Master data - Specific

- Detailed session on Product Master, Location Master, Time stream calendar creation, Resource, PDS and Quota arrangement

Resource Shift Definition

- Break Patterns, Shift Definitions, Shift Factors, Shift Sequence and capacity variant creation.

PDS

- Validation of created PDS and Change transfer methods with details

Configuration

- PPDS Configuration setup for PPDS Planning and Scheduling

PPDS Alerts

- Alert creation with desired Thresholds for Product Location and Resources and evaluate alerts interactively

Production Planning

- Single level and multilever planning with 4 different Planning procedures- Manual with check, Manual w/o check, cover dependent requirements immediately and Planning in planning run with bot MRP1 and MRP2 Heuristics. Validation of results in DS Board.

SNP TO PPDS Order conversion

- Order conversion methods from SNP to PPDS

Interactive planning Heuristics

- Interactive planning using Variable Heuristics and behaviour with different parameter settings like FIFO, Avoid Surplus and simulation of various lot sizing procedures including planning with Planning Calendar.
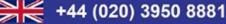
PPDS Subcontracting

- End to End Configuration, Master data setup and simulation of Subcontracting in PPDS.

Planning with Quota Arrangement

- When there are 2 sources of supplies and when both needs to be utilized paralelly, Planners decide the utilization by percentage in Quota arrangement at different periods and at different Plants. In this session 2 source of supply will be used to define percentage and simulate to see the end result over 2 different periods.

Scheduling Heuristic DSPB

- Scheduling methods using Scheduling heuristics and learn Scheduling strategy profile settings. A very details session covering most of the functionalities in the detailed scheduling planning board.

Setup Groups Keys, Matrices- Change over times

- Creation of Setup Group, Setup keys, Setup Matrix and run Basic Planning and scheduling based on setup Matrix for at least 5 products on one common resource

PPDS optimization

- PPDS Optimization profile creation and run optimization to see how the initial schedule adheres to Set up Cost maintained in Setup Matrix.

Capable to Promise GATP/PPDS

- Multi level Finite Material and Capacity planning with integration with GATP. A sales order driven Functionality with immediate material and capacity planning and scheduling

Capacity reservation

- Reservation of Capacities for certain Customers with simulation of planning and automatic scheduling at relevant slots through creation of Sales orders. Complete end to end setup and simulation will be shown in the system.

Plant maintenance Integration

- Plant maintenance are created in ECC which will integrate with PPDS resource master downtimes online/immediately. This will have impact on current schedules or orders and automatic changes takes place on unfirmed orders. As the integration with Plant maintenance does not work in the current Patch level, the config and setup will be shown in the system. But the output in APO will be shown in the pre recorded video.

Block Planning

- Planning in blocks using CDP Classification only Configuration and Master data setup in PPM and Resource master. Entire configuration, Master data setup and scenario simulation in detail eill be demonstrated in the system.

Resource Classification

- When an activity can be performed on 2 resources then it calls for maintaining 2 routings/production versions. By using classification only one routing and prod version will be used and the second resource comes to APO as Mode. Detailed setup and simulation will be shown in the system.

Colours Planning Board Configs

- Products in the resource chart needs to be identified by colours. PPDS planning board profile will be configured in such a way that every product can be assigned with the required colours and same will be displayed in the orders on Resource chart.

Reports

- Standard PPDS Reports, Run resource utilization and Product planning table attributes

KEY FEATURES

- Instructor-led Sessions
- Learn from Experts
- Assignments
- 24 x 7 Support
- Real-time Case Studies
- Get Certified

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