



SAP - PPDS

Course Content

Introduction to Production Planning in APO

Overview of PPDS

PP/DS in the Supply Chain

S/4 HANA Embedded PPDS

Production Planning Functions in S4 HANA

Material Requirement Planning

Multilevel planning

Material Planning and Capacity planning

Production Planning Runs

Advanced production planning with PPDS

Finite Requirement planning

Finite planning as Multi-step procedure

Planned Material flow

Multi resource planning

Master Data required in PPDS

Products

Location Master

Resources –Type of resources

Production Data structures/Production process model

Lot size settings

Basic functions of Production Planning

Requirements strategies

Planning procedures

Determining the supply sources

Scheduling types

Pegging types

Demand Driven Material Requirement Planning (MRP)

MRP live

Resource with Enhanced UI

Easy Load distribution of resources

Suppliers and subcontractors in MRP

Order Distribution with equivalent Source of supplies

Tools to Evaluate and Process Planning

Order views

Product planning Table

Product overview

Detailed Scheduling Planning Board

Resource Planning Table

PP/DS Optimizer

Advanced processes in APO – PPDS

Setup Optimal Sequencing with PPDS Optimizer

Capable – To – Promise (CTP)

Multi – Resource Planning processes

Set-Up group

Set-up Matrix

Different types of Heuristics

Product Heuristics

Heuristics for Flow Control

Service Heuristics

Re – Written CIF Story

CIF Integration

The Principle of QRFC

Tools for Troubleshooting Transfer Errors

One step for all transactional data update

Different Types of Data transfers

Types of Data transfers

Pre-Requisites for the Data transfer

Eliminating the Transfer Errors

Evaluation of Tools used for Interactive Planning

The configuration required along with its prerequisites

The different Graphical options and how can they be used for more interactive screens

Enhancing the Planning Aspects by CTP (Capable To Promise)

Overview of CTP

Introduction to ATP categories and their use

Absorbing the Customer Centric Markets with MLATP (Multi Level ATP)

Configuration of MLATP

Overview of MLATP

Variant configuration and its use

Rule based condition records

Production Planning Optimizer (PPO) functionality in S/4 PPDS



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