

Supply Network Planning (APO-SNP)

Course Summary

Objectives

At the end of this course, students will be able to:

- Gain an in-depth understanding of how to create cross-location production plans, distribution resource plans, and procurement plans that take into account work center capacities, supplier capacities, and transportation capacities in SAP APO.
- Determine feasible stock transfers in the short-term horizon (deployment) and to group these into stock transfer orders.

Topics

- Overview of Supply Chain Planning in SAP SCM (APO), Integration with Demand Planning (DP) and Production Planning (PP/DS)
- Overview of exchanging master and transaction data with SAP ECC
- Master data for supply network planning, interchangeability, and shelf life.
- Configuring Supply Network Planning and interactive planning using planning books and macros
- Introduction to the Planner Home Page (EhP 3)
- Collaborative Supply Planning (supplier and manufacturer exchange data over the Internet)
- Integrated exception management in the alert monitor
- Discussions about the different planning methods: Heuristic including capacity leveling, optimization, capable-to-match, and VMI
- Standard and advanced cross-location safety stock planning
- Deployment: Implementing stock transport requisitions into manageable stock transport orders. Calculating and optimizing short-term replenishment plans for distribution centers and customers
- Transport Load Builder (TLB): Group stock transfers by threshold values for volumes, weight, and pallets

Audience

Those who can benefit from this Supply Network Planning (APO-SNP) course include:

- Project Team members
- Key users responsible for creating and optimizing a cross-location supply chain including production, procurement, and distribution plans.

Prerequisites

Essential:

- Business Processes in Planning (SAP SCM)
- Features and Functions of Demand Planning
- Integrated Supply Chain Modeling

Recommended:

- Demand Planning

Duration

Five day

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Course Outline

- I. Overview of Supply Chain Planning in SAP SCM (APO), Integration with Demand Planning (DP) and Production Planning (PP/DS)*
- II. Overview of exchanging master and transaction data with SAP ECC*
- III. Master data for supply network planning, interchangeability, and shelf life.*
- IV. Configuring Supply Network Planning and interactive planning using planning books and macros*
- V. Introduction to the Planner Home Page (EhP 3)*
- VI. Collaborative Supply Planning (supplier and manufacturer exchange data over the Internet)*
- VII. Integrated exception management in the alert monitor*
- VIII. Discussions about the different planning methods: Heuristic including capacity leveling, optimization, capable-to-match, and VMI*
- IX. Standard and advanced cross-location safety stock planning*
- X. Deployment: Implementing stock transport requisitions into manageable stock transport orders. Calculating and optimizing short-term replenishment plans for distribution centers and customers*
- XI. Transport Load Builder (TLB): Group stock transfers by threshold values for volumes, weight, and pallets*