

## Advance Planning Optimization (SAP APO)

### 50-Hour Training

#### Target Group

The courses are intended for current or future project members of APO implementations. They should be attended by all those who need to understand the principles of the system to judge the viability of business requirements and processes. The courses include the usage of the respective transactions in order to provide the skills for typical prototyping work in a project.

#### Prerequisites

A sound logistics business background as well as good understanding of supply chain management principles are assumed. SAP R 3 knowledge of the SAP MM, SAP SD and PP modules is of some advantage but not a strict prerequisite. The same applies to the SAP Graphical User Interface (GUI). It is assumed that the student is familiar with the Windows environment. Although not a prerequisite, it is recommended to attend the DP course prior to the SNP course.

#### Curriculum

The APO training that we shall provide is based on a new concept, the UPPER-1 Approach. Training is focused on understanding the subject first and then carrying out what is understood. It is very different to the conventional training provided by other institutions and specifically geared towards systems like APO. See the document "The UPPER-1 Approach". The curriculum for the courses therefore outlines business relevant topics rather than working steps.

#### Demand Planning Curriculum

- Understanding
- Process Overview
- Planning Sequence
- Time Calculations and Display
- Forecasting Methodology
- Planning Approach
- Life Cycle Management
- Promotion Planning
- Forecast Key Figures and Data Flow
- Exception Based Management
- Collaborative Planning
- Preparing
- The DP Planning Environment
- Characteristics
- Planning Book and Data View
- Advanced Macros
- InfoCube
- Characteristic Value Combinations
- Forecasting Profiles
- Calendars and Time Streams
- Location Master
- Product Master

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- Alert Monitor Definitions
- Performing
- DP Interactive Planning
- Promotion Planning
- DP Background Planning
- Forecast Release
- Evaluating
- Supply Chain Cockpit
- Graphical Display
- Resolving
- Alert Monitor
- My First Plan
- Forecasting Building Blocks (Usage Exercises)
- Developer Building Blocks (DP Setup Exercises)

### Supply Network Planning Curriculum

- Supply Chain Cockpit
- Reports and Log Files
- Graphical Display
- Understanding
- Process Overview
- Planning Sequence
- Time Calculations and Display
- Demand and Supply Calculation
- Reorder Process
- Safety Stock
- Target Stock Level
- Days' Supply
- Resources and Capacity Consumption
- Optimization
- Exception Based Management
- Collaborative Planning
- Preparing The SNP Planning Environment
- Orders and Categories
- Planning Book and Data View
- Advanced Macros
- Profiles
- Calendars and Time Streams
- Location Master
- Product Master
- Resource Master
- Production Process Model
- Transportation Lanes
- Quota Arrangement
- Cost Data Maintenance
- Alert Monitor Definitions
- Performing

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- SNP Interactive Planning
- Transport Load Builder
- Product View
- SNP Background Planning
- SNP Order Conversion
- Resolving
- Alert Monitor
- My First Plan
- Network Planning Building Blocks (Usage Exercises)
- Developer Building Blocks (SNP Setup Exercises)
- Special Function Building Blocks (System Preparation)