

## **SAP IBP for Inventory**

Introduction to Inventory Planning and Optimization with SAP IBP for Inventory

What is Inventory Planning?

What is Inventory Optimization?

Added value to your Integrated Business Planning through Inventory Optimization

Key Differentiators of SAP IBP for Inventory

SAP IBP for Inventory within SAP IBP for Supply Chain

SAP IBP for Inventory: Configuring and Preparing for Use

Describing the Business Planning Scenario

Options for Handling Uncertainty

Examining Attributes and Master Data Types

Analyzing Planning Levels and Key Figures

Planning Details

Inventory Global Configuration Parameters

Creating an Inventory Optimization Process

Positioning SAP IBP for Inventory in a S&OP Process

Running an ABC/XYZ-Segmentation and a Time-Series Analysis

Forecast Error Calculation

Role of an Inventory Planner as key player within the Sales and Operations Process

The Power of Multi-echelon

Introduction to an overarching SAP IBP optimizer methodology

Normal vs. Gamma distribution

Forecast Error

Demand Propagation

Exposure demand, supply variability and service variability calculations

Multi-stage application via an example

Other drivers of safety stock: service level, periods between replenishment, lot size, delivery type and promotions

Validating inputs

Holistic Approach

Input review and initial variables

Running an Inventory Optimization Operator

Special attributes

Global (multi-stage) inventory optimization

Calculate Target Inventory Components

Decomposed (Single-stage) Inventory Optimization

Diagnosing system issues

Analyzing the Results of an inventory optimization run

Inventory Plan Review

Supply Chain Network App

Inventory Profiles App

Inventory Analysis App

Applications Jobs App

Planning Results

Scenario Planning

Finalizing the Inventory Plan

Network capital analysis and scenario management

Finalizing the inventory Plan