

# S4106

## Variant Configuration: Integration and Configuration

### COURSE OUTLINE

Course Version: 23

Course Duration:



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# Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	<i>Example text</i>
Window title	<i>Example text</i>

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# Course Overview

## **TARGET AUDIENCE**

This course is intended for the following audiences:

- Application Consultant
- Super / Key / Power User
- Business User
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Solution Architect



## Lesson 1: S4105 - Recurrence and Summary

### Lesson Objectives

After completing this lesson, you will be able to:

- Repeat and summarize the course S4105



## Scenario: Planned/Production Order without BOM Explosion and More Details about Configuration Profile

### Lesson 1: Scenario: Planned/Production Order without BOM Explosion

#### Lesson Objectives

After completing this lesson, you will be able to:

- Create configuration profiles for scenario planned/production order without BOM explosion in AVC

### Lesson 2: More Details about Configuration Profile

#### Lesson Objectives

After completing this lesson, you will be able to:

- Name and explain more details about the configuration profile under LO-VC and AVC



## Lesson 1: Scenario: Planned/Production Order with BOM Explosion

### Lesson Objectives

After completing this lesson, you will be able to:

- Create Configuration Profiles for Scenario Planned/Production Order with BOM Explosion in AVC



## Lesson 1: Scenario Order BOM and ETO Processes

### Lesson Objectives

After completing this lesson, you will be able to:

- Create configuration profiles with scenario order BOM and to run the corresponding ETO processes



## Lesson 1: Scenario: Sales Order Scenario - SET Processing

### Lesson Objectives

After completing this lesson, you will be able to:

- Create and use configuration profiles with scenario Sales Order Scenario - SET Processing

## Lesson 2: Variant Tables and More

### Lesson Objectives

After completing this lesson, you will be able to:

- Create variant tables, use the processing mode, link to database tables

## Lesson 3: Other Tools from Classification in Variant Configuration

### Lesson Objectives

After completing this lesson, you will be able to:

- Assess the extent to which other tools from the classification in variant configuration can be used

## Lesson 4: Object Dependencies with Reference Characteristics

### Lesson Objectives

After completing this lesson, you will be able to:

- Using object dependencies with reference characteristics in the high level configuration



## Lesson 1: Planning with Characteristics-Based Forecasting

### Lesson Objectives

After completing this lesson, you will be able to:

- Using planning with characteristics-based forecasting

## Lesson 2: Planning with Assembly Planning and Predictive MRP (pMRP)

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain assembly planning, planning without final assembly at header level, and use of predictive MRP

## Lesson 3: Planning with Planning Variants

### Lesson Objectives

After completing this lesson, you will be able to:

- Explaining planning with planning variants



## Lesson 1: Large Integration Scenario 1 - Overview

### Lesson Objectives

After completing this lesson, you will be able to:

- The large integration scenario - Overview



## Lesson 1: Large Integration Scenario 2 - Sales Part 1

### Lesson Objectives

After completing this lesson, you will be able to:

- Execute the start of the process in Sales and Distribution

## Lesson 2: Large Integration Scenario 2 - Planning, Manufacturing, and QM

### Lesson Objectives

After completing this lesson, you will be able to:

- Execute the in-house production process from planning to posting to unrestricted-use stock



## Lesson 1: Large Integration Scenario 3 - Customer Service, Maintenance, Maintenance-Service

### Lesson Objectives

After completing this lesson, you will be able to:

- Perform enhanced integration processes in the customer service environment



## Lesson 1: Large Integration Scenario 4 - External Procurement

### Lesson Objectives

After completing this lesson, you will be able to:

- Perform the external procurement process with configurable materials and configurable model service specifications



## Lesson 1: Large Integration Scenario 5 - Project System

### Lesson Objectives

After completing this lesson, you will be able to:

- Perform the project manufacturing process with configurable materials and configurable standard networks



## Lesson 1: More Tools in Variant Configuration

### Lesson Objectives

After completing this lesson, you will be able to:

- Name and use other tools in variant configuration
- Use the options for distributing variant configuration models using ALE and Product Data Replication (PDR)
- Use additional, new syntax elements



## Lesson 1: Appendix

### Lesson Objectives

After completing this lesson, you will be able to:

- Part 1: Customer Example Structure: Forklift T-FCLSET##
- Part 2: Variant Configuration Database Tables