S41600 - Variant Configuration: Integration and Configuration Training

Duration: **5 Day**

BILGINC IT Academy
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The **Variant Configuration: Integration and Configuration** course provides a deep dive into **SAP S/4HANA Advanced Variant Configuration (AVC)**.
You will learn to model **configurable products**, manage **object dependencies**, and integrate variant configuration with sales, production, quality, maintenance, and project management processes.

Through practical scenarios and case studies, you will explore configuration profiles, variant tables, classification systems, and data distribution strategies. You will also gain hands-on experience in planning, reporting, and cross-module integration of AVC within SAP S/4HANA.

Prerequisites

Essential:

- **S41500 (Variant Configuration AVC on S/4HANA)** or **S4105** or **PLM145**
- Knowledge of **Sales & Distribution**, **Planning**, and **Production** processes

Recommended:

- **S41000 (Business Processes in SAP S/4HANA Product Development)**
- Understanding of additional logistics processes

Who Should Attend

- **Application Consultants**
- **Business Analysts**
- **Solution Architects**
- **Project Managers**
- **Process Owners and Technology Consultants**

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What You Will Learn

After completing this course, you will be able to:

- Use and customize variant configuration scenarios in SAP S/4HANA.
- Apply additions to configuration profiles and object dependencies.
- Plan and evaluate variant products with BOM explosion and order BOM processing.
- Leverage variant tables and classification tools for product modeling.
- Integrate variant configuration with quality management, service, and project systems.
- Manage product data distribution and cross-functional AVC integration.
- Utilize new syntax and functionalities in Advanced Variant Configuration (AVC).

Training Outline

- Review of Variant Configuration (Basics from S41500)
- Advanced Configuration Scenarios:
  - Production Order without BOM Explosion
  - Production Order with BOM Explosion
  - Sales Order (SET Processing)
  - Order BOM for Engineer-to-Order (ETO) Process
- Enhancing the Configuration Profile
- Variant Tables and Reference Characteristics
- Planning and Forecasting for Variant Products
- Integration with Quality Management and Maintenance Service
- Variant Configuration in Purchasing and Project System
- Reporting and Product Data Distribution
- New Functionalities and Syntax in AVC