SCM670
Global Available-to-Promise

COURSE OUTLINE

Course Version: 10
Course Duration: 5 Day(s)
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Typographic Conventions

American English is the standard used in this handbook. The following typographic conventions are also used.

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TARGET AUDIENCE
This course is intended for the following audiences:

- Application Consultant
- Business Analyst
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Data Consultant/Manager
- Enterprise Architect
- Help Desk/CoE Support
- Solution Architect
- System Architect
- Technology Consultant
- Trainer
Lesson 1: Outlining the Functionality of Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the tasks and methods of global available-to-promise (global ATP)
- Explain how global ATP fits into Supply Chain Management (SCM)
- Differentiate between global ATP and other SCM tasks
Lesson 1: Explaining the Use of Core Interface (CIF) Integration with Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Describe the system group consisting of the SAP ERP system and the SAP Supply Chain Management (SCM) system
- Describe the core interface (CIF) as an interface between the SAP ERP system and the SAP SCM system
Lesson 1: Explaining Availability Check Methods

Lesson Objectives
After completing this lesson, you will be able to:

- Explain availability check methods
- Define the availability check method to be used
- Explain business events
- Explain the determination of the check mode
Lesson 1: Checking Product Availability in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Set up the product availability check

Lesson 2: Checking Scope in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Use scope of check in global available-to-promise (global ATP)

Lesson 3: Setting the Checking Horizon in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Set the checking horizon

Lesson 4: Evaluating Logic in the Available-to-Promise (ATP) Check in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the time buckets and evaluation logic of global available-to-promise (global ATP)
Lesson 1: Setting Up Single Level Product Allocation in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Define product allocation procedures
- Maintain product allocation quantities
- Describe the integration of product allocations with the SAP ERP system

Lesson 2: Setting Up Multilevel Product Allocation in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Create a multilevel product allocation procedure
Lesson 1: Setting Up the Check Against Forecast in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Set up the check against forecast
Lesson 1: Setting Up Rules-Based Availability Check in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Define product substitution
- Define location determination
- Explain production process model (PPM) substitution
- Set up the calculation profile and rule control

Lesson 2: Configuring Rule Determination Based on the Condition Technique in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the underlying procedure and methodology of available-to-promise (ATP) rule determination
- Create a condition table
- Define an access sequence for ATP rule determination
- Define a condition type for ATP rule determination
- Assign a rule strategy
- Create condition records to determine the rule
- Activate rules-based availability check

Lesson 3: Setting Up a Consolidation Location in Rules-Based Available-to-Promise (ATP) Check

Lesson Objectives
After completing this lesson, you will be able to:

- Set up a consolidation location
Lesson 4: Using the Multi-Item Single Delivery Location (MISL) Function in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Set up the multi-item single delivery location (MISL)

Lesson 5: Using the Exclusive Rule Strategy in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Create an exclusive rule strategy

Lesson 6: Configuring Product Interchangeability Master Data in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the purpose of product interchangeability in Supply Chain Management (SCM)
- Define required interchangeability master data
- Activate interchangeability master data in the rules-based availability check
Lesson 1: Configuring the Capable-to-Promise (CTP) Procedure in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Configure the Capable-to-Promise (CTP) Check

Lesson 2: Configuring the Multilevel ATP Check (MATP) Procedure in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Describe the multilevel ATP check (MATP) procedure
- Configure MATP
Lesson 1: Executing Backorder Processing in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Set up the initial situation for backorder processing (BOP)
- Set up a BOP filter
- Create a sort profile for BOP
- Manage settings in BOP

Lesson 2: Using Enhanced Interactive Backorder Processing in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Use enhanced interactive backorder processing (eBOPi)

Lesson 3: Configuring Event-Driven Quantity Assignment in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Create order due lists

Lesson 4: Setting Up Reassignment of Order Confirmations in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

- Set up the reassignment of order confirmations (ROC)
Lesson 1: Scheduling Transportation and Shipment Using Master Data in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

• Set up transportation and shipment scheduling using master data

Lesson 2: Scheduling Transportation and Shipment Using the Condition Technique in Global Available-to-Promise (Global ATP)

Lesson Objectives
After completing this lesson, you will be able to:

• Set up transportation and shipment scheduling using the condition technique