SCM671

Global Availability Check (gATP)

SAP ERP - Sales and Services

Course Outline

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Course Overview

Target Audience

This course is intended for the following audiences:

- Project team members and consultants who configure the availability check in the logistics process as part of an SAP ECC implementation.

Course Prerequisites

Required Knowledge

- SCM600 Processes in Sales and Distribution
- SCM500 Business Processes in Procurement
- SCM300 Production Overview

Recommended Knowledge

- None

Course Goals

This course will prepare the participant to:

- Understand the basic concept of the availability check
- Understand the integration and interaction of the availability check with materials planning
- Recognize the application areas of the availability check
- Apply the various methods of the availability check to meet specific goals

Course Objectives

After completing this course, the participant will be able to:

- Understand the basic concept of the availability check
- Understand the integration and interaction of the availability check with materials planning
- Decide between using the ATP check, the product allocation, and the check against planned independent requirements
- Configure the availability check in Sales and Distribution and analyze the results of the check
- Configure the availability check in production and analyze the results of the check
- Configure the availability check in Materials Management and analyze the results of the check

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- Process backorders

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Unit 1

Availability Check Based on ATP Quantity

Unit Overview

This lesson covers the availability check based on the available-to-promise (ATP) quantity. In real-life scenarios, this is the method most commonly used. The first lesson of this unit introduces the concept, configuration, and interpretation of the ATP check in detail, using the sales application as an example. The following two lessons provide an overview of how the ATP check can be used in the areas of planning and manufacturing to ensure that components are available. You will also learn in greater detail how the ATP check can be used with reservations, stock postings, and stock transfer orders in the "Materials Management" application.

Lesson: ATP Check Using the Example of Sales and Distribution

Lesson Objectives

After completing this lesson, the participant will be able to:

- Understand the concept of the ATP check
- Explain the fundamentals of the ATP check
- Activate the ATP check in Sales and Distribution
- Explain the specific aspects of the ATP check in Sales and Distribution
- Configure the Customizing settings for the ATP check
- Interpret the results of the ATP check in Sales and Distribution

Lesson: ATP Check in Manufacturing

Lesson Objectives

After completing this lesson, the participant will be able to:

- Explain how the availability check for material components is carried out and controlled on the basis of the ATP quantity
- Interpret the results of the availability check

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Lesson: ATP Check in Materials Management

Lesson Objectives

After completing this lesson, the participant will be able to:

- Check availability based on the ATP quantity for stock transport requisitions, stock transport orders, and replenishment deliveries
- Check availability on the basis of the ATP quantity for material reservations and stock postings
- Interpret the results of the availability check

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Unit 2

Availability Check Against Product Allocations

Unit Overview

The quantities your company is producing are lower than market demand. So that your first customers do not exhaust your entire stock, you define product allocations for customers or customer groups.

Lesson: Availability Check Against Product Allocations

Lesson Objectives

After completing this lesson, the participant will be able to:

- Explain the concept of the availability check against product allocations
- Configure the availability check against product allocations
- Interpret the results of the availability check against product allocations

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Unit 3

Availability Check Against Planned Independent Requirements

Unit Overview

Customer requirements can also be checked for availability against planned independent requirements. In this unit, you will learn how to use this availability check method.

Lesson: Availability Check Against Planning in Sales and Distribution Processing

Lesson Objectives

After completing this lesson, the participant will be able to:

- Explain the concept of the availability check against planning
- Configure the availability check against planning for Sales and Distribution processing
- Interpret the results of the availability check against planning

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Unit 4

Backorder Processing and Rescheduling

Unit Overview

This unit covers backorder processing and rescheduling. Both functions are used to reprocess requirements that have already been entered to "improve" the confirmation.

Lesson: Backorder Processing and Rescheduling

Lesson Objectives

After completing this lesson, the participant will be able to:

- Explain the need for processing backorders and rescheduling
- Describe the situations in which you use backorder processing and rescheduling
- Process backorders and reschedule, and analyze the results
- Configure the necessary Customizing settings

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Unit 5

Appendix

Unit Overview

This unit contains additional examples of the calculation logic for the cumulated ATP quantity.

Lesson: Appendix

Lesson Objectives

After completing this lesson, the participant will be able to:

- Explain the ATP quantity calculation
- List the advantages of collective orders in the availability check
- Explain assembly processing
- Explain the availability check when used for subcontracting

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