

# SCM680

## **Cross-Application Processes in MM and SD**

### **Course Outline**

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# Course Overview

In this course, you will gain an insight into special business processes in MM and SD:

- **Third-party processing**  
In third-party processing you purchase a material from an external vendor, who then sends the material directly to your customer and charges you for the material.
- **Cross-company code sales**  
In cross-company code sales, the material required by the customer of a sales organization is delivered to the customer from a plant that belongs to another company code.
- **Intra-company code stock transfer**  
In intra-company code stock transfers, material is transferred between plants that have the same company code using a stock transport purchase order.
- **Cross-company-code stock transfer**  
In cross-company-code stock transfers, material is transferred between plants that have different company codes. The material is purchased (for an internal price) by one of the company codes and sold by the other.
- **Subcontracting**  
In subcontract procurement processing, the vendor is provided with materials by you, which are then use to manufacture a finished good or subassembly for you.

## Target Audience

This course is intended for the following audiences:

- Project team members responsible for implementing cross-application business processes in sales and distribution and materials management

## Course Prerequisites

### Required Knowledge

- Knowledge of procurement processes in MM and processes in SD

### Recommended Knowledge

- SCM600 - Processes in Sales and Distribution
- SCM500 - Processes in Procurement
- SCM610 Delivery Processes
- Knowledge of price determination in purchasing or sales

## Course Goals

This course will prepare the participant to:

- Implement selected cross-application business processes in sales and distribution and materials management
- Execute the cross-application business processes of third-party order processing, cross-company-code sales, stock transfer, and subcontracting in the SAP system
- Outline the main settings in Customizing

## Course Objectives

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

- Map the process of third-party order processing in an enterprise
- Map the process of cross-company-code sales in an enterprise
- Map the intra-company-code stock transfer process in an enterprise
- Map the cross-company-code stock transfer process in an enterprise
- Map the process of subcontracting in an enterprise

# Unit 1

## Third-Party Processing

### Unit Overview

In this unit, you will learn how to use third-party processing for the direct delivery of the material required by the customer from an external vendor.

### Lesson: Sales Order with Third-Party Item

#### Lesson Objectives

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

- Plan third-party processing for certain materials
- Create a sales order with third-party items
- Find the corresponding purchase requisition
- Explain how third-party processing is automatically triggered from a sales order

### Lesson: Purchase Order and Goods Receipt for the Third-Party Process

#### Lesson Objectives

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

- Convert the automatically created purchase requisition into a purchase order
- Post the goods receipt for a purchase order with third-party items and explain what amount is posted to which account by the goods receipt

### Lesson: Vendor Invoice and Billing Document for the Customer

#### Lesson Objectives

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

- Post the invoice receipt in the invoice verification and explain which accounts are posted to in doing so
- Issue an invoice for the sales order
- Explain which settings in MM and SD are necessary and possible for third-party processing

# Unit 2

## The Cross-Company Code Sales Process

### Unit Overview

In this unit, you will learn how to use cross-company code sales processes in your enterprise.

### Lesson: Sales Order for Cross-Company-Code Sales

#### Lesson Objectives

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

- Set up cross-company code sales processing for certain materials
- Explain when a cross-company code sales operation exists
- Assign a sales area to a plant for the purpose of intercompany billing
- Maintain permitted outbound supplying plants
- Explain the conditions in the sales order

### Lesson: Delivery and Shipping for Cross-Company-Code Sales

#### Lesson Objectives

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

- Create an outbound delivery for cross-company code sales

### Lesson: Invoices for Cross-Company-Code Sales

#### Lesson Objectives

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

- Determine the company code to which the invoice is assigned
- Explain how the system determines the payer
- Trigger automatic posting to the vendor account
- Explain the condition values in the internal invoice
- Explain the origin of the sales area



# Unit 3

## The Intra-Company Code Stock Transfer Process

### Unit Overview

In this unit, you will learn how to transfer materials between two plants within the same company code by means of a purchase order.

### Lesson: Stock Transport Order for Intra-Company-Code Stock Transfer

#### Lesson Objectives

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

- Trigger the intra-company code stock transfer process using a stock transport order
- Set up the procedure for certain plants using stock transport orders with SD deliveries
- Decide between one-step and two-step procedures

### Lesson: Goods Movements for Intra-Company-Code Stock Transfer

#### Lesson Objectives

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

- Explain the settings in SD and MM that are possible and necessary for stock transfer processing within a company code
- Explain the significance of a goods recipient master data record assigned to the plant
- Explain how the system determines important delivery parameters
- Complete the one-step stock transfer by posting the goods issue
- Explain which movement type is used
- Read the status of the stock transfer operation

# Unit 4

## The Cross-Company Code Stock Transfer Process

### Unit Overview

In this unit, you will learn how to transfer materials between two plants that belong to different company codes, by means of a purchase order.

### Lesson: Stock Transport Order for Cross-Company Code Stock Transfer

#### Lesson Objectives

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

- Trigger the cross-company code stock transfer process using a stock transport order
- Explain the reasons for the choice of the delivery type

### Lesson: Transactions/Events in the Issuing Company Code

#### Lesson Objectives

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

- List the effects of goods issue posting in inventory management of the supplying plant
- Determine the company code to which the internal invoice is assigned
- Explain the origin of the sales area
- Explain how the system determines the payer

### Lesson: Transactions/Events in the Receiving Company Code

#### Lesson Objectives

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

- Post the goods issue for a replenishment delivery
- Post the invoice receipt in Logistics Invoice Verification

# Unit 5

## Subcontracting

### Unit Overview

In this unit, you will learn how to procure materials in subcontracting using the subcontract order.

### Lesson: Procurement via Subcontracting

#### Lesson Objectives

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

- Flag a material for subcontracting by means of a special procurement key in the MRP data of the material master
- Check the bill of material (BOM) for the material
- Determine the requirements for the material using single-item planning
- Check the planning elements for the BOM material and the components
- Convert the automatically created purchase requisition into a purchase order
- Explain the possibility of subcontractor procurement using a scheduling agreement

### Lesson: Goods Movements for Staging Components

#### Lesson Objectives

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

- Monitor the subcontractor's stock
- Create a delivery to send the required component quantity to the subcontractor
- Determine the prerequisites and settings required for sending materials to the subcontractor
- Transfer additional quantities to the subcontractor using MM
- Explain which settings in SD and MM are necessary and possible for subcontracting

## **Lesson: Goods Receipt and Invoice Receipt For Subcontract Purchase Orders**

### **Lesson Objectives**

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

- Post the goods receipt for the subcontract order
- Explain what amounts are posted to which accounts as a result of the goods receipt
- Enter the subsequent adjustment resulting from excess consumption and explain how the accounts are updated
- Enter the invoice receipt for the subcontract order
- Explain subcontractor procurement using a scheduling agreement

# Unit 6

## Advanced Returns Management

### Unit Overview

In this unit you will learn to use the advanced returns processes to return materials from customers or return materials to your vendors.

### Lesson: Advanced Returns Management for Customer Returns

#### Lesson Objectives

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

- Explain the purpose, benefits, and functionality of Advanced Returns Management for customers
- Create a customer return, delivery, and refund using Advanced Returns Management
- Monitor the progress of a customer return using Advanced Returns Management

### Lesson: Advanced Returns Management for Supplier Returns

#### Lesson Objectives

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

- Explain the purpose, benefits, and functionality of Advanced Returns Management for suppliers
- Create a returns purchase order, create a returns outbound delivery, enter the results of a vendor's inspection, and process a credit memo from the vendor
- Monitor the progress of the supplier returns using the Advanced Returns Management overview