IDS30

Defense and Security Workshop, Logistics and Maintenance

COURSE OUTLINE

Course Version: 01
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	*Example text*
Window title	*Example text*

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

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

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UNIT 1

Explaining Defense and Security Logistics - Introduction and Overview

Lesson 1: Describing the Motivation for Defense and Security Logistics

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the motivation for Defense and Security logistics

Lesson 2: Explaining Stocks Versus Provisions

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the difference between Stocks and Provisions

Lesson 3: Explaining Organizational Structure Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the organizational structure integration

Lesson 4: Explaining the Material Numbering Solution

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Defense and Security Material Numbering Solution

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UNIT 2 Describing Stocks Processes

Lesson 1: Describing Stocks Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Flexible Material Planning Object (FMPO) structure
- Describe the mapping between DFPS and D&S master data
- Create an FMPO
- Create an FMPO hierarchy

Lesson 2: Assigning Stocks Authorizations

Lesson Objectives

After completing this lesson, you will be able to:

- Assign FMPO authorizations to Force Elements and Positions
- Explain the FMPO assignment attributes
- Assign Product Authorizations to Force Elements and Positions

Lesson 3: Explaining the Authorized-Actual (AAC) Report

Lesson Objectives

After completing this lesson, you will be able to:

- Explain and define the AAC report selection parameters
- Run the AAC report
- Read and explain the AAC report results

Lesson 4: Explaining Stocks Requirements and Fulfillment

Lesson Objectives

After completing this lesson, you will be able to:

- Request Stock Material based on results from Authorized / Actual Comparison

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Lesson 5: Explaining the Condition Code/Return Delivery

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of Condition Code
- Trigger an automatic return delivery

Lesson 6: Describing Loans

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concept of loans
- Explain the differences between loans and returns

Lesson 7: Explaining Equipment Packages (EPA)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose of Equipment Packages
- Describe the structural prerequisites to support Equipment Packages
- Describe the master data requirements for Equipment Packages
- Describe the end-to-end process for Equipment Packages

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UNIT 3 Exploring Provisions

Lesson 1: Explaining Logistical Integration in Org. structure

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Integration of Logistics for Provisions and Organizational Structures

Lesson 2: Describing Master Data for Provisions

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Material Master Data Aspects for Provisions

Lesson 3: Explaining Prioritization of Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Options to prioritize Material Requirements

Lesson 4: Explaining Provisions Packages and Initial Supply Run

Lesson Objectives

After completing this lesson, you will be able to:

- Plan authorized provisions of a Force Element using a Provision Package FMPO
- Describe the execution of the initial supply for a force element

Lesson 5: Explaining Manual Requests, Advice, and Status Code

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how to manually request materials using SAP Fiori apps

Lesson 6: Explaining MRP Live Requests

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Lesson Objectives

After completing this lesson, you will be able to:

- Describe how MRP Live can be used by Defense Organizations to plan material provisions

Lesson 7: Explaining Automated Supply of High Priority Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how requirement priorities can be used to automate the creation of Stock Transport Purchase Orders and Outbound Deliveries

Lesson 8: Explaining Return Delivery

Lesson Objectives

After completing this lesson, you will be able to:

- Initiate and Process a Material Return

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UNIT 4

Explaining Defense and Security: Personal and Functional Equipment

Lesson 1: Describing Personal and Functional Equipment - Overview and Concepts

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how SAP Defense and Security uses Personal and Functional Equipment to manage materials issued to persons

Lesson 2: Describing Planning of Personal and Functional Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the definition of authroized materials for persons

Lesson 3: Describing the Issuing of Personal and Functional Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the process to issue functional and personal equipment

Lesson 4: Describing Reporting and Service Activites

Lesson Objectives

After completing this lesson, you will be able to:

- Monitor the equipment status of persons and force elements

Lesson 5: Describing the Returning of Personal and Functional Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the process to return functional and personal equipment

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- Describe the process of transferring personal and functional equipment from one person to another

Lesson 6: Describing Customizing and Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Describe necessary customizing settings to issue materials to persons
- Describe master data required to issue materials to persons

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UNIT 5 Describing and Using Plant Maintenance Integration

Lesson 1: Describing Technical Objects in Defense Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the differences of technical objects including master equipment and critical/site equipment
- Describe the configuration control

Lesson 2: Explaining Work Center Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Work Center Integration in SAP Defense and Security
- Describe the difference between a Responsible Work Center and an Executing Work Center

Lesson 3: Describing Model Maintenance Dependencies in a Defense Organization

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the maintenance attributes of a Force Element

Lesson 4: Outlining the Standard Corrective Maintenance Process

Lesson Objectives

After completing this lesson, you will be able to:

- Outline a corrective maintenance process in SAP D&S

Lesson 5: Describing the Forwarding Process of Maintenance Notifications

Lesson Objectives

After completing this lesson, you will be able to:

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- Describe the forwarding process in SAP D&S

Lesson 6: Describing the Usage of Extended View for Maintenance Notification

Lesson Objectives

After completing this lesson, you will be able to:

- Understand which information is provided by the extended view for maintenance notifications

Lesson 7: Explaining Maintenance Book

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Maintenance Book

Lesson 8: Utilizing Status Management

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Technical Status
- Explain the Aggregation of the Technical Status
- Describe the Operational Status
- Describe the Status Board App

Lesson 9: Monitoring a Relocation of Technical Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the relocation process of technical objects

Lesson 10: Identifying and Modeling Platforms to Describe Business Capabilities

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the definition and concept of Platform Code
- Explain some key business needs for using the Platform Code functionalities
- Explain the differences to other existing Defense and Security object hierarchies

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Lesson 11: Using the D&S Application Variants for Standard Maintenance Applications

Lesson Objectives

After completing this lesson, you will be able to:

- Explain what native Fiori apps are currently available for SAP Defense and Security

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UNIT 6 Managing and Creating the Support of Flight Operations

Lesson 1: Outlining the Support of Flight Operations Prerequisites

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the prerequisites to use the functionalities of support of flight operations

Lesson 2: Describing Support of Flight Operations Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

- Explain a typical line maintenance scenario

Lesson 3: Managing Status in Flight Operation

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the different kind of statuses of Defense and Security line maintenance

Lesson 4: Creating and Monitoring Flights

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how Defense and Security supports Flight Operations Management

Lesson 5: Explaining Aircraft Assignment

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how Defense and Security provides decision support for selecting aircraft to be assigned to a flight

Lesson 6: Describing after Flight Debriefing and Malfunction Documentation

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Lesson Objectives

After completing this lesson, you will be able to:

- Explain the debriefing procedure after flight

Lesson 7: Describing Customizing

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the general steps of customizing for support of flight operations

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UNIT 7 Explaining DFPS: Provisions (Appendix)

Lesson 1: Explaining Logistical Integration into Organizational Structure

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how provisions are integrated into organizational structure

Lesson 2: Describing Provisions Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Describe provision package objects (PPAs)
- Describe relevant material master attributes
- Describe material master data creation in bulk
- Describe mass change of material master data on MRP area level

Lesson 3: Describing Priortization of Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how priorities are used in the DFPS solution
- Describe how requirement priorities and delivery priorities and derived

Lesson 4: Describing Initial Supply Run

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how provision packages (PPAs) are used to carry out initial supply of a force element

Lesson 5: Describing Manual Requests

Lesson Objectives

After completing this lesson, you will be able to:

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- Describe how to manually request materials through standard SAP transactions and through DFPS

Lesson 6: Describing Live Requests

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how MRP can be used by defense organizations to plan material provisions

Lesson 7: Describing Automated Supply of High-Priority Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how requirement priorities can be used to automate the creation of purchase orders and deliveries

Lesson 8: Describing Return Deliveries

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how return deliveries are used for provision materials
- Describe return material manually

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