

◆ Technology for Innovators ◆

# PI/PO with SAP S/4 HANA

**Realtime Project Support**



## Key-Features

Single Stack 7.5 | ICOs / iFlows | Web Services

NWDS | BPM | Proxies | Realtime Project Training

★ Classroom

★ Fastrack

★ Weekends

★ Online

# SAP PI/PO 7.5 Course Content

## **I. Introduction to SAP Netweaver Technology:**

Building Blocks of SAP Netweaver  
Web AS Architecture.

## **II. Introduction to SAP PI /PO 7.5:**

difference between **Single Stack and Dual**

**Stack** Process Integration with SAP PI /PO

7.5 Introduction to SAP Netweaver

Components in SAP PI /PO 7.5

Design Time Components

Configuration time Components

Administrative and monitoring components

Runtime Components

Architecture of SAP PI /PO 7.5

## **III. System Landscape Directory(SLD):**

Architecture of SLD

Describing Technical Systems & Business Systems

Landscapes and Software catalog

#### **IV. Enterprise Service Repository (ESR):**

Introduction to Enterprise Service Repository  
Organization of Design Objects in ESR

Data types

Message types

Service Interfaces

Mapping Objects

Mapping Templates etc...

Importing RFC & IDOC Interfaces

Developing with Imported Interface Objects

Message types across components

#### **V. Mappings:**

Overview

Mapping Programs in SAP PI /PO 7.5

Java Mapping

XSLT Mapping

ABAP Mapping (Concepts)

Message Mapping (Graphical Mapping)

Mapping Functions

Arithmetic functions

Boolean functions

Constant functions

Date functions

Statistic functions

Text functions  
**Node functions**  
User Defined Functions  
Multi Mapping

## **VI. Integration Directory(ID):**

Introduction to Integration Directory

Describing Systems and Services

Configuring Internal Company Process

Configuring Cross-Company Process

Configuring Communication channels

Configuration Objects

Collaboration Agreements

Integrated Configuration Objects(ICO)

## **VII. Runtime:**

Introduction to Integration Server

Processing Steps(Pipeline steps) of Integration Engine

Using Configuration and Monitoring

Message Monitoring

Component Monitoring

End-to-End Monitoring

## **VIII. Integration Process (ccBPM):**

Introduction to Integration Process

Arch. of ccBPM

Designing Integration Process

Controlling the process flow

Sync/Async. Communications

Configuring Integration Process

Monitoring the execution of integration Process

## **IX. Netweaver BPM**

Difference between ccBPM and NW BPM

Introduction of NWDS

Explaining the SAP Process Integration Designer

Introduction of IFLOW

Difference between IFLOW and ICO

Explaining the SAP Composite Designer

BPM development (Building and Deploying a BPM)

Importing Objects

Detail of Start and End Events for the SAP PO Training Process

Handling Service Interfaces

Explaining Automated Activities for the PO Process

Adding Activities to a Business Process

Defining Process Context

## **X. Proxies**

**es:**

Introduction to Proxies

Creating ABAP proxies

Proxy Runtime

## **PI.Scenarios:**

- ❖ **File to File**
- ❖ **IDOC to File**
- ❖ **File to IDOC**
- ❖ **IDOC to Flat file**
- ❖ **Flat file to IDOC**
- ❖ **IDOC to JDBC**
- ❖ **JDBC to IDOC**
- ❖ **HTTP to RFC**
- ❖ **SOAP to RFC**
- ❖ **XSLT Mapping**
- ❖ **BPM1 (File to File)**
- ❖ **BPM2 (File to RFC)**
- ❖ **ABAP Proxy (Client Proxy)**
- ❖ **Using NWDS(Netweaver Developer Studio)**
- ❖ **Creating Integration Flows(iFlows)**

- ❖ **configuration in NW BPM**
- ❖ **SAP PO to SAP S/4 HANA 1809**

**Learn SAP PI/PO with S/4 HANA 1809 Never Like Before**

Emax Tech



Technology for Innovators

### SAP Technical

ABAP on S/4 HANA

UI5/FIORI on S/4 HANA

BW/4 HANA

PI / PO

HANA ADMIN

BASIS/GRC

HANA MODELING

### SAP Functional

FI/CO with S/4 HANA

MM with S/4 HANA

PP with S/4 HANA

PM with S/4 HANA

SD with S/4 HANA

HR / HCM

SIMPLE LOGISTICS

### SAP New Dimensional

SuccessFactors

EWM with S/4 HANA

Hybris/C4C Cloud

APO / SRM

MDM / MDG

### Trending Courses

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