BPMN - Business Process Model & Notation

2 Days (14 Hours)

Our BPMN training will provide businesses with the capability of understanding their internal business procedures in a graphical notation and will give organizations the ability to communicate these procedures in a standard manner.

Furthermore, BPMN-the graphical notation will facilitate the understanding of the performance collaborations and business transactions between the organizations. This will ensure that businesses will understand themselves and participants in their business and will enable organizations to adjust to new internal and B2B business circumstances quickly.



COURSE & LEARNING OBJECTIVES

At course completion, students will be able to:

- Name the most commonly used elements of BPMN
- Use pools, lanes, tasks and sub processes
- Describe best-practice for top-down hierarchical modeling
- Apply descriptive modeling
- Analyze models qualitatively
- Use a top-down methodology
- Avoid getting getting bogged down in detail
- Focus on handoffs between process actors
- Use a Process Modeler tool

COURSE OUTLINE

Introduction

- A Brief History of Process
- The Process Perspective
- Process Management
- Process Modeling Analysis & Design
- Business Process Management Framework
- Business Process Management Systems
- Business Process Architecture

BPMN Implementation Strategies

- BPMN Value Proposition
- The BPMN Community
- Why automate BPMN?
- Topology of a SOA reference architecture
- BPMN Vendors overview
- Positioning of BPMN tools

Aligning IT and Business

- BPMN vs BPMS
- When to choose a BPMS
- IT and business must work hand in hand
- Matching the right technology to your problem
- Adopting a development model
- Overview of a BPM system
- Terms and concepts

Understanding Basic Concepts and Architecture

- Process Modeling
- Process Analysis
- Process Design
- Components and structure of a BPMS
- Enterprise Process Management Planning

- Key Skills, Roles and Responsibilities

Modeling a process with BPMN

- The added value of BPMN
- Composability and basic services
- Promoting an incremental and iterative approach
- Why should Use cases drive the project?
- Declaration of message properties
- Use of correlation sets
- Develop a complex parallel execution of activities
- Designing concurrency

Fault Handling and Exception Management

- Defining Events
- Configuring Timeouts
- Handling Faults
- Catching Exceptions
- Compensation Management

WHO SHOULD ATTEND?

System engineers, consultants, system administrators, technical project managers.

PREREQUISITES

XML and UML background knowledge might be beneficial.

COURSE MATERIAL

Delegates will receive a comprehensive training material with exercises and reference material.