Publication date : 03/15/2024

Course : Model business processes as part of an urbanization approach

Practical course - 3d - 21h00 - Ref. MPU
Price : 2100 € E.T.

4,8 / 5

Points PDU

The regular alignment of IS with changing business practices is a necessity for the enterprise. It is to achieve this flexibility that an urbanized IS is envisioned. In this practical course, participants will learn the concepts, tools and best practices for successful urbanization.

Teaching objectives

At the end of the training, the participant will be able to:

- Understand the challenges of strategic alignment and IS urbanization
- Discover how to map business processes
- Reposition the main modeling objects in the context of an urbanization approach
- Identify IS functions and business objects in an organization
- Position modeling tools, strengths and weaknesses, with a view to their implementation

Intended audience

Anyone involved in modeling processes and functional architectures. Project owner and project manager.

Prerequisites

Basic knowledge of information system components.

Practical details

Hands-on work

Theoretical sequences alternate with practical work.

Course schedule

PARTICIPANTS

Anyone involved in modeling processes and functional architectures. Project owner and project manager.

PREREQUISITES

Basic knowledge of information system components.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

1 Principles, concepts, approaches and issues

- Theory on process-based management and strategic alignment of information systems.
- BPR, ISO 9000, challenges, conditions for success, the place of processes in an urbanization project.
- Presentation of the methodological framework.
- The 7 views of the company: strategy, knowledge, organization, processes, information system...
- Definition of each view, dynamic structural zones...
- Links between the process view and other views.
- Notion of repository, company mapping.

Exercise

Locate different objects in a text and place them on the checkerboard: view and level.

2 Process modeling

- Why and how to map processes: Merise, Ossad, IDF0, UML... ?
- Process definition, Porter's typology (steering, business, support), basic and variant processes, generic...
- Main models: process map, flowchart, use case, activity diagram.
- Main objects: event, task, actor.
- How to spot a process: identity card?
- How to structure processes from the global to the operating mode level?
- Links to other views.
- Complementary tools: service tree, customer/service matrix, class diagram.

Exercise

Identify company processes. Classification (support, business, management). Produce a process map and flowcharts. Draw up a data model. Optimize a process.

3 Link with the urban planning process

- The challenges of urbanization, semantics: the object approach, weak coupling, strong coherence.
- Concepts: IS function, block, zone, district and island, different types of zones, operational exchanges.
- Cutting principles: ownership, uniqueness, reusability.
- Application architectures, their place in an urbanization approach: link with functional architectures.
- Different urbanization techniques.

Exercise

Based on the models produced: identification of IS functions and business objects in a process. Construction of an initial functional architecture.

4 Process modeling tools

- Overview of tools: Aris, StarUML, PowerAMC.

Dates and locations

REMOTE CLASS

PARIS LA DÉFENSE

TEACHING AIDS AND TECHNICAL RESOURCES

• The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.

• At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.

• A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

2026 : 1 June, 12 Oct.

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