



# MEGA Simulation Training

## Course Description

In tandem with MEGA Process and relying on the models produced, MEGA Simulation enables the analysis of enterprise business processes, providing a quantified and objective solution to complex performance improvement problems.

The objective of this course is to present MEGA's Business Process Simulation approach, then to guide the user, by means of examples and illustrations, in the discovery of key simulation concepts towards a complete understanding of the tools required for effective and appropriate use in a project context.

### Expected benefits

- Understand the issues of business process optimization critical to the enterprise and to simulation.
- Learn how to use the MEGA Simulation tool and recommended simulation techniques.
- Master advanced features of the MEGA Simulation tool.

### Course Content

#### Introduction to Process Simulation

- Why simulate business processes?
- Simulation success factors
- What simulation can offer
- What simulation projects involve

#### Simulation Principles

- Discrete event simulation
- Principles of Simulation : Using Tokens

#### Business Process Simulation Concepts

- Process flows
- Resources
- Sequence of Steps
- Simulation Scenarios

**Reference**  
SIM

**Length**  
2 days

**Public**

- Business Process Modelers and Project Managers
- Business Process Managers
- Managers of Departments involved in simulation projects

**Prerequisites**  
MEGA Process

## **Understanding Simulation Results**

- Standard Mode Simulation
- Schedules
- Objectives and Indicators

## **Description level of the Model**

- The level of granularity of a model
- The hierarchical simulation
- Excluding an Object from the Scenario
- Scenario Composition
- Variants

## **Simulation Approach**

- Define simulation requirements
- Identify information and data required
- Collect information required for simulation
- Produce simulation models

## **Advanced Configuration and Results**

- Token Data
- Sample & Analysis
- Random Numbers
- Scenario Advanced Parameters