



# Scrum Master

Duration 2 day(s) (SCRUM-02)

Succeed with Agile Methodologies

## Description

While the projects entrusted to the ISD are always more complex, historical predictive approaches are unable to respond to them. The Agile methods replaced them and became the new de facto standard. They enable a significant increase in satisfaction and quality, while providing reduced lead times (TTM) and cost (ROI). Discover the Agile Methodology while seeing their benefits through our selection of practical workshops.

## Goals

- Understand the Agile values and principles, its practices and the expected gains
- Discover and implement the Scrum methodology
- Learn to avoid the classic pitfalls of projects

### *Public*

- Manager
- Project director
- QA Manager
- Project Manager
- Developer
- Architect

### *Prerequisites*

- Nil

### *Structure*

60% Theory, 40% Practice

## Program

# Why Agile?

- The limitations of traditional software development methodologies
- The Agile Manifesto (Values and Principles)
- Agile methodologies: Scrum, Kanban, XP, Crystal
- Practical workshop

# Scrum

- What is Scrum Methodology ?
- Scrum Values and Principles

# The Scrum Roles

- The Product Owner
- The Scrum Master
- The Team Member

# Scrum Events

- The Sprint
- Sprint Planning
- Daily Scrum
- Sprint Review
- Sprint Retrospective

# Scrum Artifacts

- Product Backlog
- Sprint Backlog
- Sprint Burndown

# Estimation and Planning

- Story Point Estimation
- Business Value
- Prioritization
- Velocity
- Releases

# Quality

- TDD
- Working environment
- Software factory concept
- Continuous integration

# For a Scrum of excellence, prepare your PO

- Return on investment (ROI)
- Time To Market (TTM)
- Launch, GO / NoGo and end of project
- Transparency and risk management

# Advanced Scrum

- Management of remote teams
- Scrum of Scrums
- Agile contractualization