



Systems Configuration Management

“Mastering a key discipline for successful complex projects”

Key benefits of this training course

This training course provides a practical and interactive introduction to Systems Configuration Management, enabling participants to understand and apply the key principles required to maintain control of complex systems throughout their lifecycle. It enables organisations to :

- Know at any time the technical definition of the system and its sub-system components.
- Reduce technical risks and their impacts through continuous control of the system baseline, its evolution and overall consistency.
- Establish a robust archiving process.
- Increase customer confidence through clear system visibility, reliable documentation and sustained consistency throughout the project lifecycle.
- Facilitate the management of obsolescence in long-life products and systems.

Learning objectives

Through a team-based practical exercise, participants will learn the best practices required to maintain control, manage change and ensure the consistency of a system. By the end of the course, participants will be able to:

- Understand what Configuration Management is and how it contributes to project performance.
- Gain a practical understanding of the Configuration Management process, from the identification of configuration items through to change management throughout the system lifecycle.
- Recognize the importance of a well-defined organization and robust processes, as well as the role of each stakeholder in the successful implementation of Configuration Management.

Teaching approaches

The course combines theoretical input (approximately 70%) with practical application (approximately 30%). Participants work in teams of 4 to 6 people on a case study representative of a complex engineering project.

Target audience

This training course is intended for:

- Configuration Managers, System Architects and other Systems Engineering professionals (System Engineers, Subsystem Engineers and Component Engineers).
- Project team members with between 2 and 5 years of professional experience.
- Anyone wishing to structure their Configuration Management approach, enhance their current practices, or acquire the knowledge and foundations required to begin working in this discipline.

In-house training

Duration: 1 Jour

Presential or remote learning

Customisation available

Language: French or English

Prerequisite: none

Recommendations: Prior experience in Systems Engineering (ideally 2+ years) is recommended.

Access timeframe: 2 weeks

Implementation timelines:

Based on the analysis of the client's needs

Evaluation:

Self-assessment of prior knowledge at the start of the training program

Self-Assessment form upon completion of Training

Methods used for the workshop:

In full-group and sub-groups, role-playing based on a central case study

8 to 12 participants

Disability access:

Yes – please contact us to discuss possible arrangements

Prices: please contact us



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Program

What is Configuration Management?

- Overview of Configuration Management
- Key principles and objectives
- Associated terminology and definitions

Identifying Configuration Items

Identifying Configuration Information

Maintaining Configuration Control

- Recording configuration baselines and managing relationships between baselines
- Managing changes throughout the system lifecycle
- Conducting Configuration Audits

Planning Configuration Management Activities

- Roles and responsibilities
- Key Configuration Management activities

Building a Configuration Management Plan



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Key Figures

More than **20,000 participants** worldwide over nearly **20 years**.

For **90%** of participants (*), the training pedagogical progress is perfectly matching their needs.

97% of participants (*) highlight our trainers' ability to bring knowledge to life, drawing on their real-world professional experiences.

Our training programs meet the objectives (**) for **93%** of the participants (*)

(*) January 2025 – December 2025 period

(**) usefulness of the content for progress and overall satisfaction with the training course