€TRAINING

Configuration Management CM

24 - 28 November 2024
Dubai (UAE)

Configuration Management CM

REF: M2716 DATE: 24 - 28 November 2024 Venue: Dubai (UAE) - Fee: 4400 Euro

Introduction:

This training program provides participants with an in-depth understanding of Configuration Management CM principles, focusing on controlling and tracking changes in systems and products. It empowers them to implement effective CM strategies to ensure consistency, reliability, and compliance across the product lifecycle.

Program Objectives:

By the end of this program, participants will be able to:

- Understand the core principles of Configuration Management.

- Implement effective change control processes.

- Manage configuration throughout the product or system lifecycle.

- Ensure compliance with industry standards and best practices.

- Integrate CM into project management and development processes.

Target Audience:

- Configuration Managers.

- Project Managers.

- Systems Engineers.

- IT Managers.

- Quality Assurance Professionals.

Program Outline:

Unit 1:

Introduction to Configuration Management:

- Definition and importance of Configuration Management.

- Key principles and objectives of CM.

- The role of CM in project management and systems engineering.

- CM standards and frameworks e.g., ISO, ITIL.

- Benefits of implementing CM in organizations.

Unit 2:

Configuration Identification and Control:

- Defining configuration items CIs and their attributes.

- Methods of Creating and managing a configuration baseline.

- Change control processes and procedures.

- Tools for tracking and managing configuration changes.

- Ensuring traceability of configuration items.

Unit 3:

Configuration Status Accounting and Reporting:

- Tracking and documenting the status of configuration items.

- Tools and techniques for configuration status accounting.

- Producing accurate configuration reports.

- Monitoring configuration changes and their impact.

- Case study: Successful configuration status accounting.

Unit 4:

Configuration Verification and Auditing:

- Purpose and methods of configuration verification.

- Strategies of Conducting configuration audits for compliance and consistency.

- Managing non-conformities and corrective actions.

- Ensuring configuration integrity throughout the lifecycle.

- Preparing for internal and external audits.

Unit 5:

Implementing and Improving Configuration Management:

- Integrating CM into organizational processes.

- Automating CM processes with modern tools.

- Continuous improvement in Configuration Management practices.

- Importance of Training and awareness for effective CM implementation.

- Measuring the success of Configuration Management initiatives.