CM2-02
Requirements and The CM2 Baseline

- 2 DAYS -

The ineffective management of the Digital Thread across the enterprise leads to corrective actions throughout the product lifecycle — including software, hardware, systems, facilities, and infrastructure.

Managing both product and enterprise requirements forms the foundation of the Digital Thread. The processes that define the Digital Thread for a product or service include the concept, development, production, operation, maintenance, and decommissioning phases. Configuration Management is the backbone of both product and enterprise requirements that serve as the foundation of the Digital Thread.

This course outlines the methods required to establish the Enterprise Digital Thread and explains how to develop, structure, manage, and drive enterprise-wide improvement through the CM2 model. It also addresses the definition, structuring, and ownership of product, solution, and business requirements — key elements of effective requirements management.

Participants who successfully complete the final exam will receive a certificate approved by IpX (Institute for Process Excellence).

Course Outline

- Best Practices for Naming, Numbering, and Attribute Usage
- Effective Techniques for Managing Requirements
- Enhancing the Effectiveness of the Development Process
- Application Requirements and Dynamic Linkages
- Design Basis Requirements and Dynamic Linkages
- Creation of Functional Work Packages and Schedules
- Increasing Reuse and Interchangeability
- Managing Detailed Planning and Detailed Design
- Managing Product Configuration Options and Variants
- Project Planning Using Functional Work Packages
- Perspectives and Definitions of Quality
- Creating Positive Impact on Financial Outcomes
- True North Enterprise Calibration Model (IpX Patented Framework)
- Business Standards and Procedures

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