Global Horizon
TRAINING CENTER

Training Course:
Computerized Maintenance Management System (CMMS)

7 - 11 July 2025
Amsterdam (Netherlands)

Training Course:
Computerized Maintenance Management System (CMMS)

Training Course code: SC235915 From: 7 - 11 July 2025 Venue: Amsterdam (Netherlands) - Training Course Fees: 6000 Euro

Introduction

This 5-day program is designed to provide a comprehensive understanding of Computerized Maintenance Management Systems CMMS within the context of electrical transmission networks. Participants will learn how CMMS can enhance asset reliability, improve maintenance efficiency, and ensure system stability. The training will also focus on specific CMMS modules relevant to electrical transmission, including asset management, preventive maintenance, work orders, and scheduling for transmission equipment such as transformers, circuit breakers, and switchgear.

Target Audience

 Transmission Network Operators

 Maintenance Managers

 Asset Managers in Electrical Utilities

 Electrical Engineers

 Operations and Maintenance Personnel in the Energy Sector

 CMMS Implementation Teams for Electrical Transmission

Objectives

- Understand the role of CMMS in enhancing maintenance efficiency and asset reliability in electrical transmission networks.
- Learn methods and techniques for successful CMMS implementation and optimization in utility/energy settings.
- Explore CMMS modules and their applications specific to electrical transmission, including asset management, preventive maintenance, work orders, and scheduling for transmission equipment.
- Develop skills for evaluating, selecting, auditing, and justifying CMMS solutions for the electrical transmission sector.

Training Program Outline

Day 1: Introduction to CMMS in Electrical Transmission Networks

- Overview of CMMS: Definition, Importance, and Benefits for Electrical Transmission
- The role of CMMS in ensuring the reliability and safety of electrical transmission networks
- Key components and architecture of a CMMS in an electrical utility environment
- The relationship between CMMS and other utility systems SCADA, ERP, EAM, etc.
- CMMS impact on reducing unplanned downtime and improving service reliability
- Regulatory compliance and maintenance documentation in electrical transmission

Day 2: CMMS Modules for Electrical Transmission Equipment Management

- Asset management in CMMS: Managing transmission assets such as transformers, circuit breakers, switchgear, and conductors
- Preventive maintenance PM in electrical transmission: Best practices and critical systems
- Work order management: Creating, tracking, and closing work orders for transmission line maintenance, equipment inspections, and repairs
- Scheduling and planning: Optimizing maintenance schedules to minimize downtime and prevent service interruptions
- CMMS for inventory management: Managing spare parts and maintenance materials for transmission assets
- Reporting and analytics: How CMMS can track performance metrics, such as Mean Time Between Failures MTBF and system availability

Day 3: Implementing and Optimizing CMMS for Electrical Transmission Networks

- CMMS implementation strategy: Planning, system design, and data collection specific to transmission networks
- Steps to integrate CMMS with other systems SCADA, asset management, etc. for optimal performance
- The role of predictive maintenance and data analytics in transmission maintenance optimization
- Best practices for aligning CMMS with utility-specific workflows and regulatory requirements

- Overcoming common challenges in CMMS implementation for electrical transmission networks
- User training, system testing, and change management in an electrical transmission environment

Day 4: Evaluating, Selecting, and Auditing CMMS Solutions for Transmission Networks

- Key criteria for selecting a CMMS solution for electrical transmission scalability, integration, user-friendliness, etc.
- How to assess the performance of CMMS solutions in managing electrical transmission assets
- CMMS vendor evaluation and procurement process in the utility sector
- Auditing your CMMS: Ensuring data integrity, system performance, and accurate reporting for transmission maintenance
- Cost-benefit analysis: Justifying CMMS investment to senior management based on operational efficiency and cost savings
- Evaluating CMMS ROI: Understanding the financial impact of reduced downtime and optimized asset management

Day 5: Future Trends in CMMS and Best Practices for Electrical Transmission Networks

- Emerging technologies in CMMS for electrical transmission: IoT, AI, and machine learning for predictive maintenance
- Mobile CMMS solutions: Enabling field technicians to work efficiently on transmission lines and substations
- Integrating CMMS with drone technology for infrastructure inspections in high-voltage areas
- Future-proofing CMMS: Ensuring your system can scale with future advancements in electrical transmission networks
- Lessons learned: Common pitfalls in CMMS management for electrical transmission and how to avoid them
- Long-term strategy for CMMS success in the energy and utility sectors

Registration form on the Training Course: Computerized Maintenance Management System (CMMS)

Training Course code: SC235915 From: 7 - 11 July 2025 Venue: Amsterdam (Netherlands) - Training Course Fees: 6000 Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....
Position: .....
Telephone / Mobile: .....
Personal E-Mail: .....
Official E-Mail: .....

Company Information

Company Name: .....
Address: .....
City / Country: .....

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....
Position: .....
Telephone / Mobile: .....
Personal E-Mail: .....
Official E-Mail: .....

Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

☐ Please invoice me

☐ Please invoice my company

Easy Ways To Register

Telephone: +201095004484 to provisionally reserve your place.	Fax your completed registration form to: +20233379764	E-mail to us : info@gh4t.com or training@gh4t.com	Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt.