

ACHIEVING CMMS DATA INTEGRITY TRAINING

“Building Reliable, Accurate, and Actionable Maintenance Data for Operational Excellence.”

Schedule

Venue (In-house)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

In today’s asset-intensive industries, Computerized Maintenance Management Systems (CMMS) play a vital role in improving maintenance efficiency, asset reliability, and decision-making. However, the true power of a CMMS depends on the accuracy, consistency, and completeness of its data. Poor data integrity leads to unreliable reports, inefficient work planning, and costly downtime.

This course provides participants with a structured approach to achieving and maintaining CMMS data integrity. It focuses on data governance, process standardization, data cleansing techniques, and best practices for long-term reliability. Participants will learn how to identify gaps, correct inaccuracies, and implement sustainable controls to ensure that their CMMS delivers accurate insights and supports proactive maintenance strategies.

Objectives

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

- Understand the importance of CMMS data integrity and its impact on asset performance.
- Identify sources of data errors and inconsistencies within maintenance systems.
- Apply best practices for data governance and quality control.
- Implement processes for standardizing asset hierarchies, codes, and work order data.
- Develop sustainable data cleansing and validation procedures.
- Measure and monitor CMMS data accuracy through key performance indicators.
- Build accountability and ownership for data quality across maintenance teams.

Why Attend

A CMMS is only as effective as the quality of its data. Without data integrity, reports become misleading, and maintenance decisions suffer.

This course is designed to help professionals transform their CMMS into a powerful and trusted decision-making tool. Through practical frameworks, real-world examples, and hands-on exercises, participants will learn how to improve the accuracy and usability of their maintenance data — unlocking greater reliability, efficiency, and cost savings across their operations.

Target Audience

This course is ideal for professionals involved in maintenance, asset management, and CMMS administration, including:

- Maintenance Managers and Engineers
- Asset Management Professionals
- Reliability Engineers
- CMMS Administrators and Planners
- Maintenance Data Analysts
- Operations and Facilities Managers
- IT Support Staff involved in CMMS systems

Individual Benefits

- Gain a deep understanding of CMMS data structure and best practices.
- Improve your ability to analyze, audit, and cleanse maintenance data.
- Enhance reliability and performance reporting through accurate data.
- Strengthen collaboration between maintenance and IT teams.
- Increase your professional credibility in maintenance data governance.
- Build practical skills for ongoing CMMS data improvement.

Organizational Benefits

- Achieve higher reliability and operational efficiency through accurate data.
- Reduce maintenance costs and downtime with better decision-making.
- Ensure compliance with asset management standards (e.g., ISO 55000).
- Improve work planning, scheduling, and preventive maintenance.
- Enhance visibility and trust in maintenance performance reports.
- Establish long-term data governance and accountability practices.

Instructional Methodology

This training uses a blended and practical approach combining:

- Interactive presentations and expert-led discussions
- Real-world CMMS data case studies
- Data auditing and cleansing workshops
- Hands-on exercises using sample CMMS datasets
- Group activities on governance and standardization frameworks
- Continuous feedback and Q&A for targeted learning

Course Outline

- Module 1: Introduction to CMMS and the Role of Data Integrity
- Module 2: Understanding Data Structures, Hierarchies, and Codes
- Module 3: Identifying and Correcting Common Data Errors
- Module 4: Data Governance, Ownership, and Accountability
- Module 5: Establishing Data Standards and Naming Conventions
- Module 6: Data Cleansing and Validation Techniques
- Module 7: Integrating Maintenance, Operations, and IT Data Systems
- Module 8: Key Metrics for Monitoring CMMS Data Quality
- Module 9: Building a Continuous Improvement Culture for Data Integrity
- Module 10: Capstone Workshop – Developing a CMMS Data Integrity Action Plan

Certification

Upon successful completion, participants will receive a Certificate of Achievement in CMMS Data Integrity, demonstrating their ability to maintain high-quality maintenance data and optimize asset management performance through accurate and reliable information.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training

Interested in running this course for your team?

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