

CMMS (COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEMS) SAP S4/HANA AND R3 -INFOR - MAXIMO

““Leveraging CMMS Platforms to Optimize Asset Maintenance and Operational Efficiency””

Schedule

Date	Venue	Fees (Face-to-Face)
04 - 08 Oct 2026	Manama - Bahrain	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Computerized Maintenance Management Systems (CMMS) are essential tools for managing the planning, tracking, and execution of maintenance activities across asset-intensive industries. Leading platforms such as SAP S4/HANA, SAP R3, Infor EAM, and IBM Maximo offer powerful capabilities to streamline maintenance workflows, reduce downtime, and extend asset life.

This 5-day practical training explores the application, configuration, and integration of major CMMS platforms. Participants will gain hands-on understanding of asset hierarchies, work order processing, preventive maintenance scheduling, and reporting functionalities, preparing them to contribute effectively to digital maintenance transformation initiatives.

Objectives

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

- Understand CMMS architecture, workflows, and functionalities
- Navigate key modules in SAP S4/HANA, R3, Infor, and Maximo
- Configure asset hierarchies and preventive maintenance schedules
- Generate, track, and close work orders using CMMS tools
- Analyze maintenance KPIs and reports for performance improvement

Why Attend

- Gain cross-platform familiarity with leading CMMS solutions
- Develop practical skills in SAP, Infor, and Maximo navigation and use
- Improve maintenance planning and execution processes
- Align digital maintenance practices with reliability-centered principles
- Enhance your role in CMMS selection, implementation, or optimization

Target Audience

This program is designed for:

- Maintenance and Reliability Engineers
- CMMS Coordinators and System Administrators
- Asset Managers and Maintenance Planners
- IT Specialists supporting EAM/CMMS systems
- Operations and Facilities Managers

Individual Benefits

Key competencies that will be developed include:

- CMMS configuration and navigation skills
- Asset and location master data setup
- Preventive and predictive maintenance planning
- Work order lifecycle management
- Report generation and performance monitoring

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved asset reliability and maintenance compliance
- Standardized work execution and documentation
- Enhanced use of CMMS data for decision-making
- Optimized spare parts and resource planning
- Increased ROI from CMMS platform investments

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - CMMS fundamentals, platform comparisons, and digital maintenance trends
- Case Studies - Real-world examples of CMMS rollouts and integrations
- Workshops - Hands-on system exercises (demo-based simulations)
- Peer Exchange - Experience sharing on challenges and success stories
- Tools - Sample templates for asset registers, work orders, and PM plans

MAWA EVENTS

Address: No. 857, Block A2, Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net



Course Outline

DETAILED 5-DAY COURSE OUTLINE

Training Hours: 07:30 AM – 03:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to CMMS Platforms and Architecture

- Module 1: Role of CMMS in Maintenance Management (07:30 – 09:30) • CMMS overview and evolution • Strategic benefits for asset-intensive industries • Comparison: SAP, Infor, Maximo core capabilities
- Module 2: System Architecture and Integration (09:45 – 11:15) • CMMS architecture and ERP linkages • Integration with procurement, HR, and finance modules
- Module 3: Master Data Configuration (11:30 – 01:00) • Asset hierarchy, locations, and equipment registers • Tagging, classification, and BOM setup
- Module 4: Workshop – Building an Asset Hierarchy (02:00 – 03:30) • Group exercise using sample CMMS data

Day 2: Work Orders and Maintenance Planning

- Module 5: Work Order Management (07:30 – 09:30) • Creation, assignment, tracking, and closure • Priority codes and status management
- Module 6: Preventive Maintenance Scheduling (09:45 – 11:15) • Maintenance plans and task lists • Time-based and usage-based triggers
- Module 7: Failure Reporting and Analysis (11:30 – 01:00) • Failure modes, cause codes, and reliability reporting • Integration with RCA and downtime analysis
- Module 8: Workshop – Work Order Lifecycle Simulation (02:00 – 03:30) • End-to-end process simulation across systems

Day 3: SAP CMMS Deep Dive – R3 and S4/HANA

- Module 9: SAP Navigation and PM Modules (07:30 – 09:30) • User interface, roles, and authorization • Transactions and menus in SAP PM
- Module 10: Master Data in SAP (09:45 – 11:15) • Functional locations, equipment, and task lists • Preventive Maintenance setup in SAP
- Module 11: Work Orders and Notifications in SAP (11:30 – 01:00) • Notification types and order processing • Time confirmation and order settlement
- Module 12: Workshop – SAP Work Order Demo (02:00 – 03:30) • Hands-on simulation using sample scenarios

Day 4: Infor EAM and IBM Maximo Focus

- Module 13: Infor EAM Navigation and Features (07:30 – 09:30) • Interface and modules overview • Maintenance setup and task generation
- Module 14: IBM Maximo Configuration (09:45 – 11:15) • Asset records, job plans, and service requests • Escalations, workflows, and automation
- Module 15: Comparative Insights: SAP vs Maximo vs Infor (11:30 – 01:00) • Key differences in data structure, UX, and reporting • Deployment considerations for each
- Module 16: Workshop – CMMS System Selection Criteria (02:00 – 03:30) • Scoring and selecting a system based on needs

Day 5: CMMS Optimization, Reporting & Strategy

- Module 17: CMMS Reporting and Dashboards (07:30 – 09:30) • Custom reports, KPIs, and dashboard tools • Metrics: MTBF, MTTR, backlog, schedule compliance
- Module 18: Auditing and Compliance Using CMMS (09:45 – 11:15) • Using CMMS data for regulatory and quality audits • Evidence capture and historical logs
- Module 19: CMMS Implementation and Change Management (11:30 – 01:00) • Project planning, user training, and data migration • User adoption and system optimization
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Module 20: Course Review and Action Planning (02:00 – 03:30) • Personal CMMS improvement roadmap • Certification distribution and close

Certification

Participants will receive a Certificate of Completion in CMMS – SAP, Infor & Maximo, validating their knowledge and skills in configuring, operating, and optimizing leading maintenance management systems.

Why Choose MAWA Events

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