



CMMS (Maximo) Assessment

Transforming CMMS Data Into Reliable, Actionable Asset Intelligence

The CMMS is the lifeblood of a well-run plant. When properly configured and utilized, it becomes the foundation for informed decision-making, effective maintenance execution, and sustainable reliability outcomes.

The NAES CMMS (Maximo) Assessment evaluates whether a facility's maintenance management system is effectively supporting reliability, maintenance execution, and risk reduction.

Many facilities operate CMMS platforms that are technically implemented but operationally underutilized, limiting visibility into asset health, maintenance performance, and failure trends. This assessment identifies data integrity gaps and usage limitations that can undermine informed decision-making.

What We Evaluate

The NAES CMMS Assessment reviews both system configuration and real-world usage, focusing on how the CMMS supports maintenance decision-making and asset risk control.

Key evaluation areas include:

- Asset hierarchy structure and data integrity
- Equipment criticality tagging and alignment with reliability programs
- Preventive maintenance (PM) strategy completeness and execution
- Work order quality, backlog health, and scheduling discipline
- Failure history, event coding, and reliability data usability
- Reporting accuracy and decision-support effectiveness

How the Assessment Works

NAES applies a standardized assessment methodology refined across hundreds of operating facilities. The engagement includes:

- Pre-assessment data review and scope definition
- On-site or remote evaluation by experienced NAES reliability and O&M professionals
- Direct review of CMMS configuration, workflows, and historical data
- Comparison against NAES standards and industry best practices
- Structured scoring tied to identifiable performance gaps

The assessment is not a software audit. It is an operational evaluation of how well the CMMS supports maintenance execution, reliability outcomes, and risk mitigation.

What You Receive

At the conclusion of the assessment, NAES delivers:

- A formal assessment report tied to defined standards
- Identified gaps ranked by operational and reliability risk
- Actionable recommendations prioritized for impact and feasibility
- A clear roadmap to improve CMMS effectiveness and data confidence

Findings are designed to be executable, supporting immediate corrective action and longer-term reliability initiatives such as Critical Equipment Identification, SPOF analysis, and FMEA.

Where This Fits

The CMMS Assessment can be delivered as:

- A standalone engagement
- An entry point into broader Risk & Reliability services
- A foundational component of Operational Excellence Reviews or due diligence efforts

Value to Owners and Operators

- Improved maintenance execution and schedule compliance
- Increased confidence in asset and failure data
- Stronger linkage between maintenance strategy and reliability risk
- Better decision support for capital planning and lifecycle management

Engage NAES Asset Solutions to assess whether your CMMS is actively reducing risk, or unintentionally creating it.

