



EAM/CMMS Interface

The System 1* software platform features an integrated interface to Enterprise Asset Management (EAM) or Computerized Maintenance Management Systems (CMMS). This includes MAXIMO™ from MRO Software and SAP PM (maintenance management modules). The bi-directional interface allows pertinent data, information, and transactions to be interchanged between the systems. Condition-based criteria in System 1 can thus be used to automatically or manually trigger a work order request in maintenance management systems. This enables System 1's user interface to easily access maintenance-related information (including work order history and work order status) in those systems—assisting with root cause assessments when diagnosing asset problems.

Increasing Maintenance Effectiveness – Improving Productivity

The benefits of condition-based maintenance and operating decisions—rather than calendar-based maintenance or run-to-failure practices—are well documented. System 1 provides condition monitoring and diagnostics, document linking, Decision Support*, and other mechanical and thermodynamic condition assessment tools that impart a more thorough understanding of asset condition. This improved knowledge of true asset condition allows the maintenance team to better prioritize their efforts and focus on equipment that needs repairs—shortening the outage and leading to a quicker return to production.

By automatically generating work requests based on rules derived from the experience of plant engineers and operators, the link to the maintenance management system improves the maintenance planning process. Additionally, targeted RulePaks* for many types of equipment are available, allowing for more rapid implementation of this critical functionality. The link to System 1 allows maintenance planners to view the event or conditions that triggered the work request so they can more effectively plan the maintenance action—often without having to perform an intermediate inspection.

These System 1 benefits lead to better productivity and results that you can see on your bottom line.

Benefits

- Significant reduction in analysis and reaction time
- Maximize plant production
- Minimize maintenance costs and risk

Capabilities

- Condition monitoring diagnostics
- Document linking
- Work order initiation
- Bi-directional interface



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