

MAINTENANCE OPERATING SYSTEM

An operating system governs how everything runs. It creates the structure that allows tools, people, and processes to work together as systems grow more complex. The same concept applies to maintenance. Without a shared operating system, execution becomes inconsistent, visibility breaks down, and improvement is difficult to sustain.

WHAT IS THE MAINTENANCE OPERATING SYSTEM?

Our Maintenance Operating System is the model that defines optimal maintenance processes. It establishes a shared, disciplined way of working that:



Governs how maintenance is planned, executed, measured, and improved.



Aligns execution across safety, people, customer, and service priorities.



Establishes clear expectations for how work is performed.

By adopting the system of working ATS uses every day across supported sites, manufacturers benefit within their own operations.



HOW THE MAINTENANCE OPERATING SYSTEM IS STRUCTURED

The operating system is built around five Key Management Systems (KMS) that:

1. Govern how maintenance work is aligned and executed every day.
2. Translate priorities into clear, actionable expectations.
3. Reduce reliance on individual practices in favor of standardized processes.

Each management system is reinforced through:

- ✓ Defined standards
- ✓ Measurable criteria
- ✓ Consistent evaluation across teams, shifts, and sites

HOW ADOPTION PROGRESSES OVER TIME

Adoption of the operating system progresses through defined maturity levels that:

- ✓ Reflect how consistently the system is applied and sustained.
- ✓ Create a clear path from foundational understanding to integrated execution.
- ✓ Support long-term performance, not short-term improvement.



Maintenance maturity progresses from baseline to bronze, silver and ultimately gold level certification.

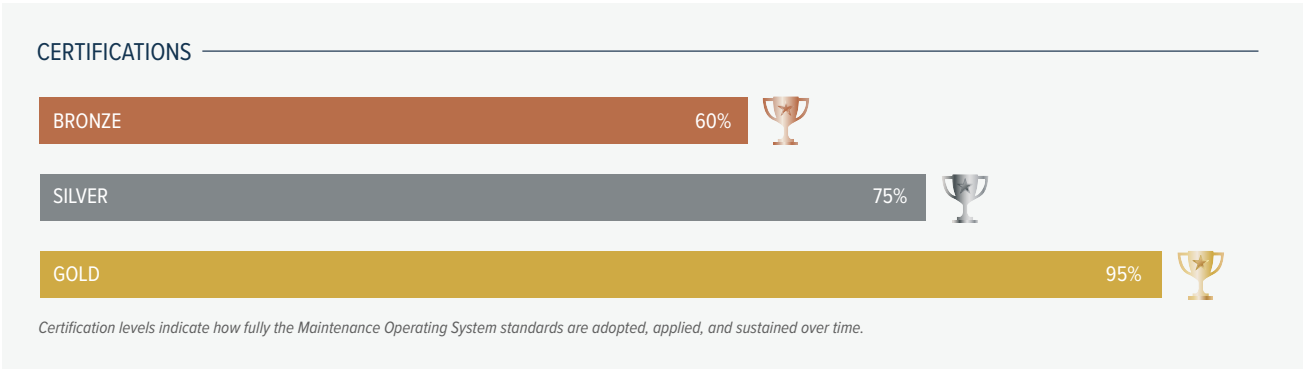
WHY MANUFACTURERS TRUST ATS

Since 1985, ATS has partnered with global manufacturers to improve equipment reliability through hands-on expertise, proven processes, and a safety-first mindset. Supported by a network of subject matter experts and our Reliability 360® Technology Center, we provide clear insights and practical outcomes that make factories run better.

A SYSTEMATIC FRAMEWORK FOR MAINTENANCE EXECUTION

The Maintenance Operating System provides a disciplined, measurable way to run maintenance at scale. The framework below shows how maintenance is governed through five Key Management Systems (KMS), reinforced by defined Critical Elements and Criteria, and tracked through clear maturity thresholds. Bronze, Silver, and Gold Certification levels reflect increasing consistency and execution discipline, with 60%, 75%, and 95% benchmarks indicating how fully the system is adopted, applied, and sustained over time.

For maintenance leaders, this structure creates visibility into how work is being performed, not just where effort is being spent. It allows teams to identify gaps, prioritize improvements, and track progress in a consistent, repeatable way. Rather than relying on informal practices or isolated initiatives, the Maintenance Operating System provides a common reference for decision-making, accountability, and continuous improvement—whether stabilizing a single site or scaling performance across multiple locations.



TAKE THE NEXT STEP TOWARD MAINTENANCE MATURITY



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