

MES Operational Assessments



Manufacturing Execution System (MES) assessments ensure that the digital backbone of your production facility remains accurate, compliant, and optimized for performance. These evaluations identify gaps between documented procedures and actual system usage, preventing process drift that can result in quality issues, compliance risks, and unnecessary costs.

A structured assessment also verifies the integrity, security, and traceability of your data, which is critical for meeting stringent regulatory requirements and industry standards. By identifying bottlenecks, misconfigurations, and underutilized system capabilities, an MES assessment elevates your system from a record-keeping tool to a strategic driver of operational excellence and continuous improvement.

Aegis' MES Assessment Services

Aegis offers three comprehensive assessment types, spanning system performance, utilization compliance, and long-term optimization.

All assessments are conducted onsite by experienced engineers who assess system configuration, infrastructure, workflows, and user adoption. Each engagement concludes with a detailed written report outlining findings, prioritized recommendations, and actionable next steps.

Audit Assessments Offered

	Performance	Utilization	Optimization
Audit Objective	Auditing infrastructure, software configuration, and data management to reduce downtime, improving Overall Equipment Effectiveness (OEE).	Confirming the MES meets regulatory requirements, internal standards, and documented procedures.	Enhancing operational efficiency and productivity through process improvements and system optimization to maximize ROI.
Core Question	"Is the system running at maximum performance?"	"Are we doing things right (and legally)?"	"Are we operating better (and faster)?"
Key Results	Faster system response, improved system adoption, enhanced system reliability and maintenance, and reduced downtime.	Data integrity (ALCOA+), validating electronic signatures, and audit trails, and reduce compliance and regulatory risk.	Increased OEE, improved cycle times, waste reduction and greater return on MES investment.

