

Industrial Digital Transformation

- Digital MES (Manufacturing Execution System)

What an MES does?



“Manages, monitors and synchronizes the execution of real-time, physical **processes** and **people** involved in transforming raw materials into intermediate and/or finished **goods**.”

Efficiency Management
Production Execution
Quality Management
Process Analysis
Tracking & Tracing

ERP
MES
Historian
Automation
Plant/Sensors

20% ↑
Overall equipment effectiveness improvement


25% ↓
Reduction in defects


30 - 40% ↓
Raw and work in progress reduction


Efficiency management Quality management Production management & tracking Batch analysis

Proficy Plant Applications