



MITs

Error Proofing



Real-World Applications

Work Instruction Screens:

Facilitate process guidance by utilizing visual aids such as graphics.

Dynamic eChecklists:

Text-based work instruction list with operator feedback on completion or material defect reporting.

Material Checks:

Confirm material compliance or record serial numbers.

Pick-to-Light:

Provide a high level of process security and maintaining regulatory requirements.

Badge Logging:

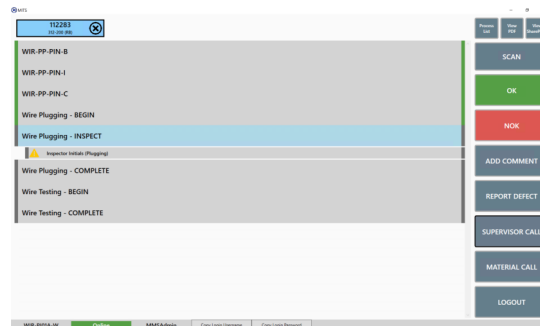
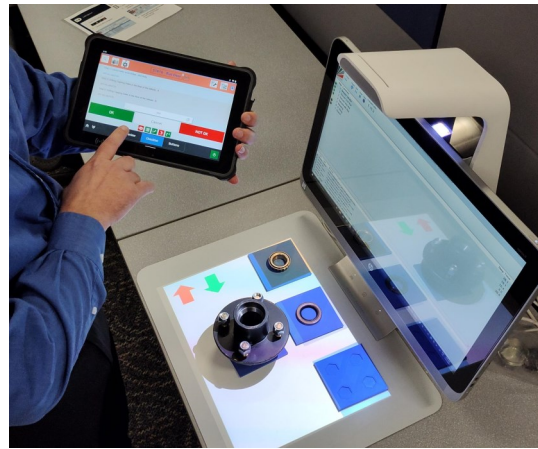
Integrated badge login to track operator availability.

Torque Interface

Built-in torque interface which sends part information to each controller and displays process data to operators.

Error Proofing Module

Error proofing, also known as Poka-Yoke, is a key Lean manufacturing technique that minimizes the production of non-conforming items. Quality errors that result in defects can lead to rework or replacement, resulting in additional resource and material usage, increased costs, and potential loss of customers. Effectively manage and monitor your quality assurance plan with our Error Proofing Module, which can assist you in meeting regulatory requirements and maintaining the highest levels of quality.



The DSI Advantage

MITs provides a range of tools to implement error proofing into existing processes. These tools include instructional information, worker guidance, and conformity checks, all of which contribute to improved efficiency and reduced defects and rework. By streamlining the manufacturing process and minimizing production disturbances, these Lean techniques ultimately increase profitability. Additionally, shorter manufacturing process times can help meet delivery schedules and enhance overall customer satisfaction.

DSI DELIVERS

- ◆ Increased quality.
- ◆ Reduced waste due to defects.
- ◆ Increased first-pass-yield (FPY) ratio.
- ◆ Reduced rework activities.
- ◆ Optimized quality management.
- ◆ Increased operator efficiency.