

## PROBLEM STATEMENT

- What problem or need does this technology solve?

Electrical wiring harnesses are inherently complex and labor intensive to build. Errors in the process occur everywhere from the first wire run to the last pin placed. With more than 80% of harness building done manually, eye strain, labor fatigue and simple human errors can lead to mistakes in the finished harness.

## BENEFITS

- List the benefits
  - First ended pinning drastically reduces cross wiring errors
  - Increased throughput
  - Saves time and money
  - Reduces labor fatigue and eye strain
  - Portable testers to troubleshoot/repair wiring errors
  - Final test solutions to guarantee 100% correct cables and harnesses

## TECHNOLOGY SOLUTION

- Describe the capability

DIT-MCO's technology helps eliminate wiring errors. From the first connector being pinned, to the final point being tested, DIT-MCO offers products that provide solutions. PinMate, a guided wire insertion tool, helps operators insert wires correctly, ensuring less errors at final test. DIT-MCO's analyzers aid in fault detection and troubleshooting of cables and wiring harness. This ensures mistake free harnesses, which is critical in the aerospace and defense world.



## DIT-MCO Products - Wiring Harness Test Solutions



MODEL 2115



HT-128



MODEL 2650



MODEL 2635



PINMATE