

# Custom Assembly & Test Machines





# Specialized Integrator

- Assembly
- Testing
- Data Acquisition
- Labeling & Marking





**Innovative**

**Affordable**

**Reliable**

# Harness Connector Assembly

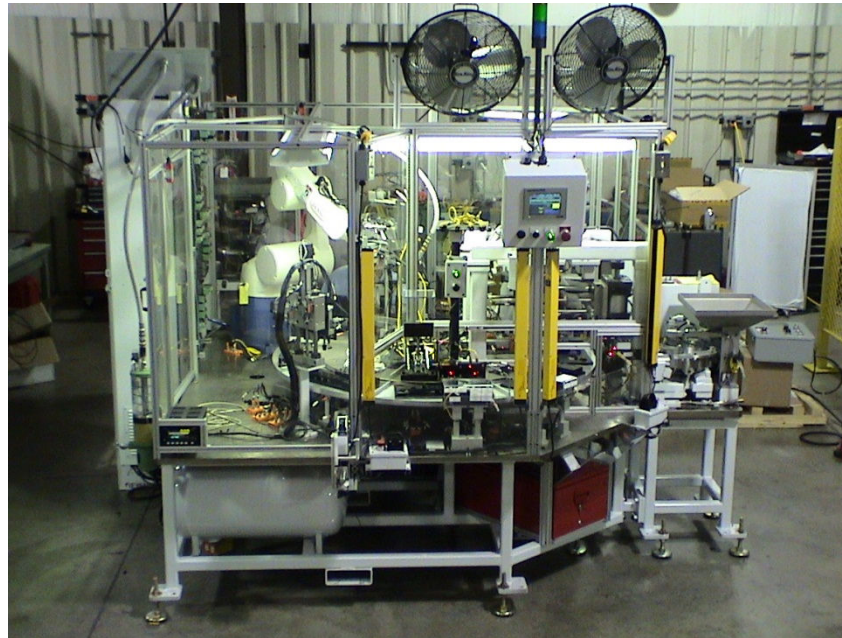




# Experience Counts

- 30 Years of Robotic Integration
- 25 Years of Vision Integration
- Certified LabView Developers

# Rotary Dial Machines





# In-House Reliability

- 3D Design
- Machining and Fabrication
- Panel Building
- Controls Programming



# Conveyor Based Assembly

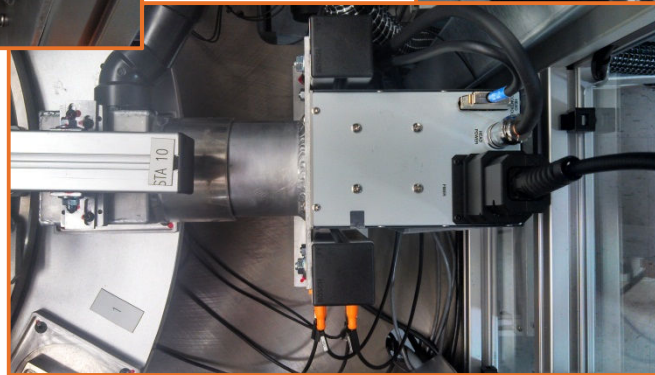
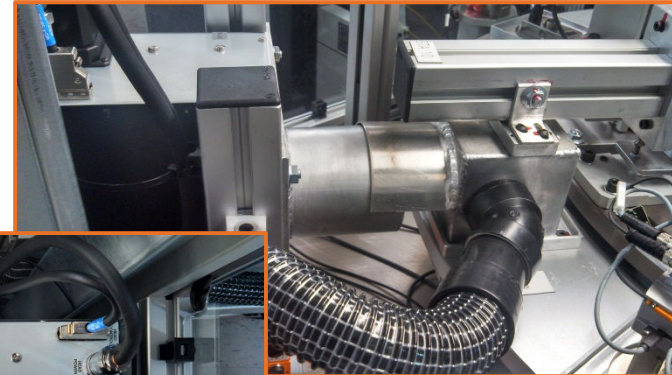
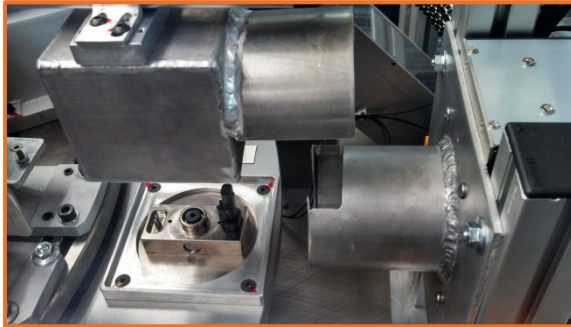




## Creativity 2<sup>nd</sup> To None

- Proposal Concepts
- Optimized Designs
- Control Logic
- Scheduling & Logistics

# Keyence Fiber Laser

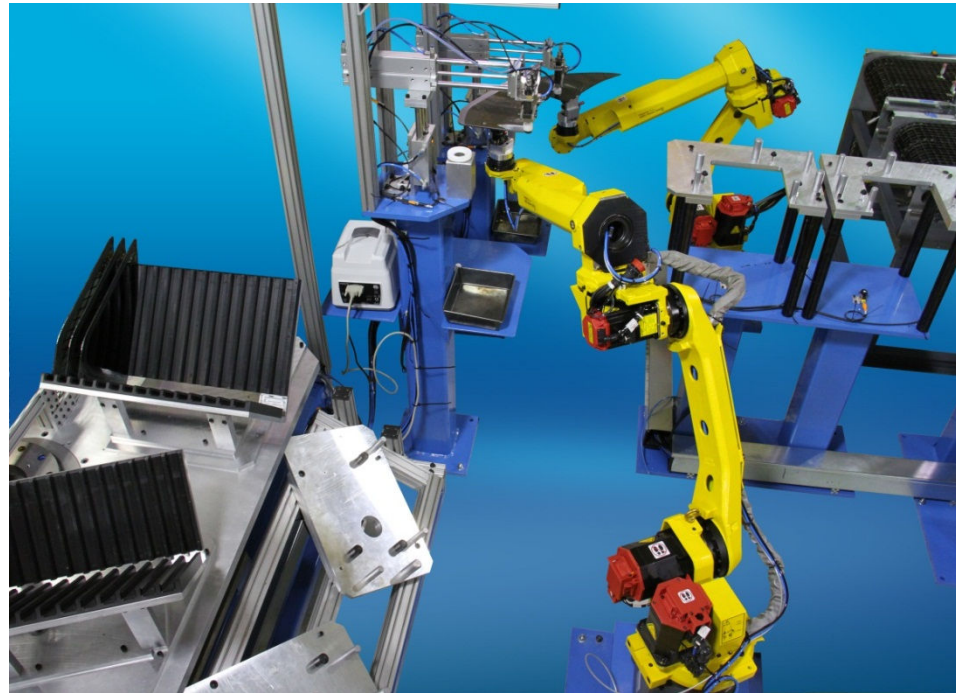




## Service 2<sup>nd</sup> To None

- Fast Response
- Remote Access
- Highly Trained & Experienced Techs

# Glass Primer Application

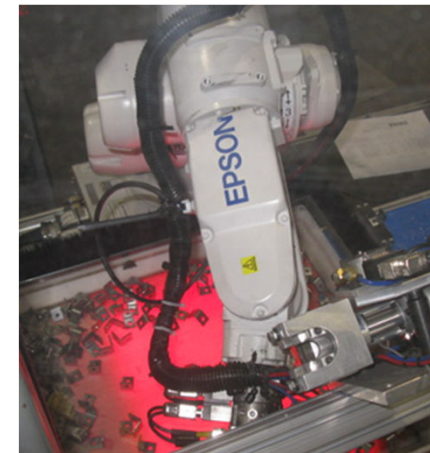
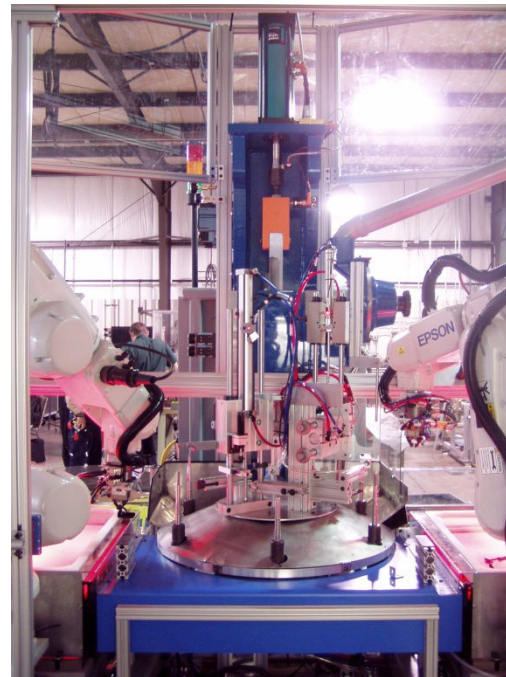
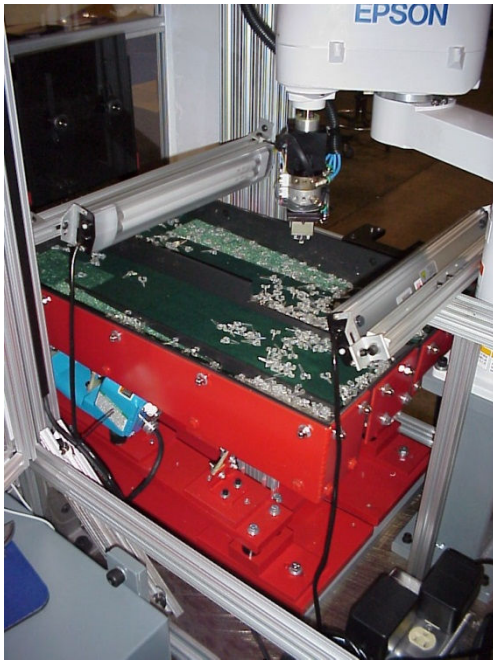




# Expert Integrators

- 6 PLC lines
- 6 Robotic lines
- 4 Vision lines
- National Instruments LabView Certified Developers

# Flex Feeding



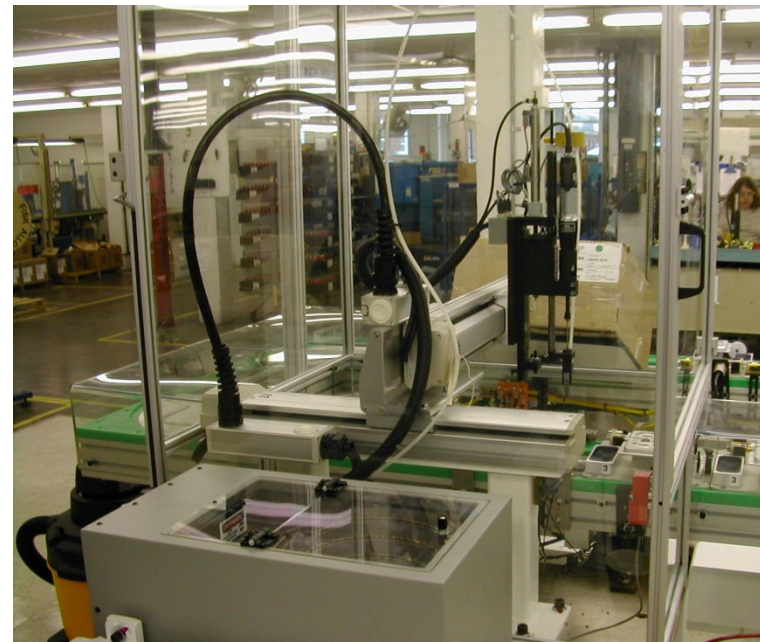
# Experience From Diverse Industries



- Medical Device
- Industrial
- Commercial
- Automotive



# Screw Driving

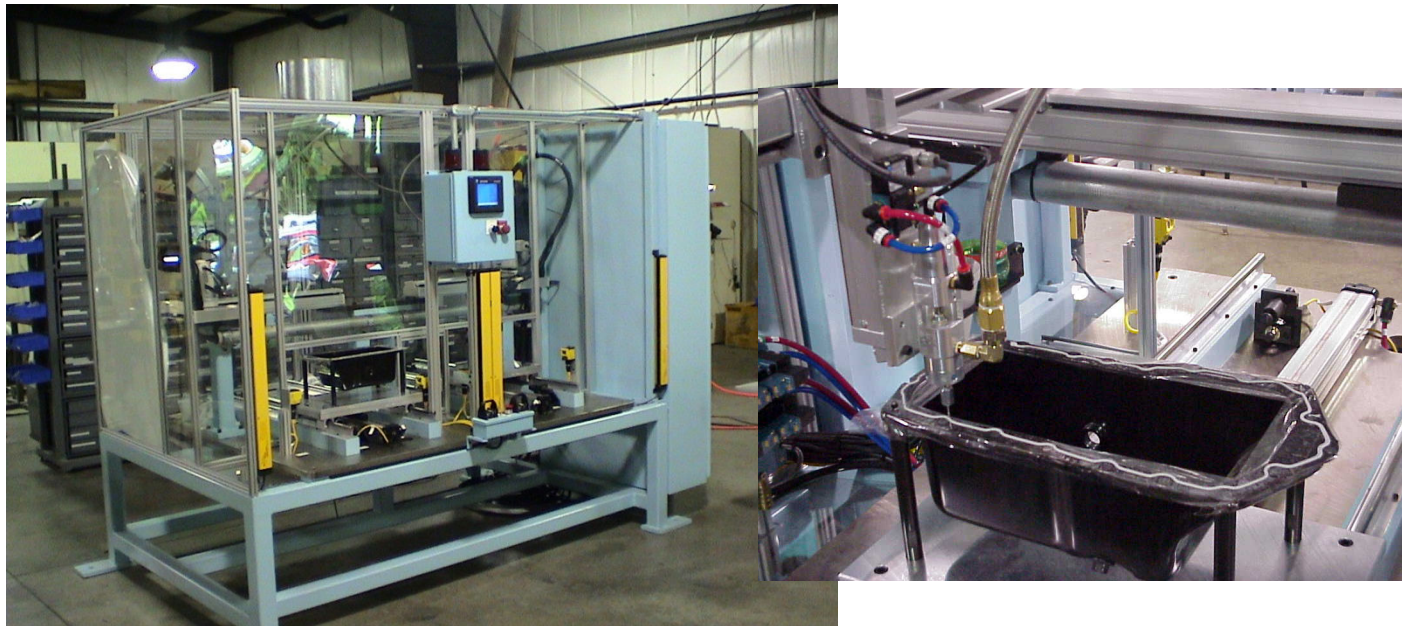




# Part Marking Solutions

- Label Application
- Laser Marking
- Ink Jet
- Dot Peen Marking (Telesis)
- Paint Marking

# Gasket Dispense





# Assembly Automation

- Ultrasonic Welding
- Screw Driving
- Precision Press
- Adhesive Dispense & Cure
- Soldering

# Lean Cells





# Vision Solutions

- OCR – Optical Character Recognition
- QR Code Reading
- Line Scan Applications
- Robot Guidance
- Inspection

# In-House Panel Build



# SREN Setter HX

- Self Retaining Expansion Nuts
- Hand-held Pneumatic Tool
- 25 pc Clip Reloads In 2 Sec.

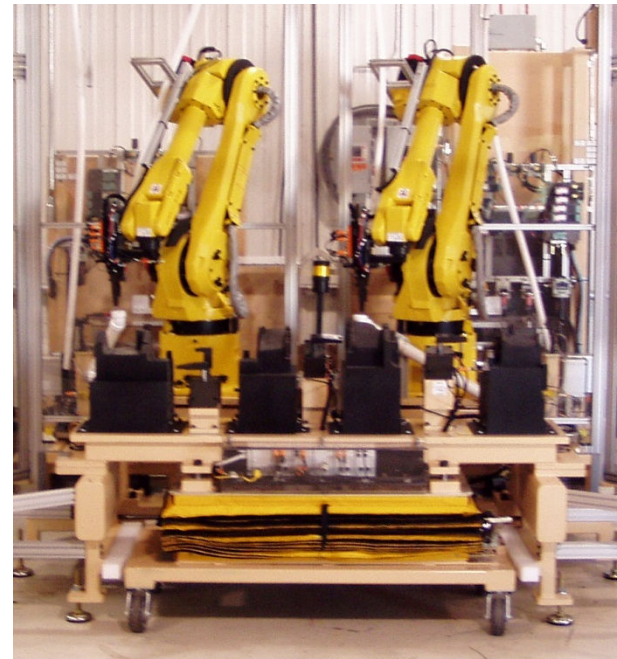
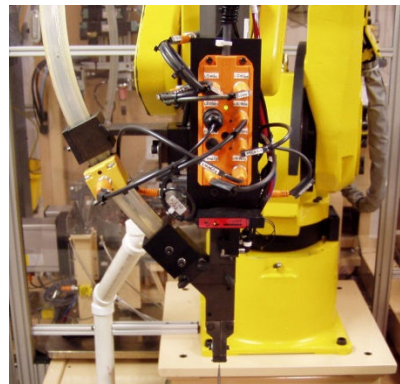




# SREN Setter MX



- Self Retaining Expansion Nuts
- Machine / Robot Mounted
- Vibratory / Blow-Fed



# Seasoned Engineers



# Quality Components



COGNEX



FANUC  
Robotics

KEYENCE

OMRON



Rockwell  
Automation  
Allen-Bradley

adept



SIEMENS

IAI  
Quality and Innovation

FESTO

ABB  
ABB

Robohand

DENSO

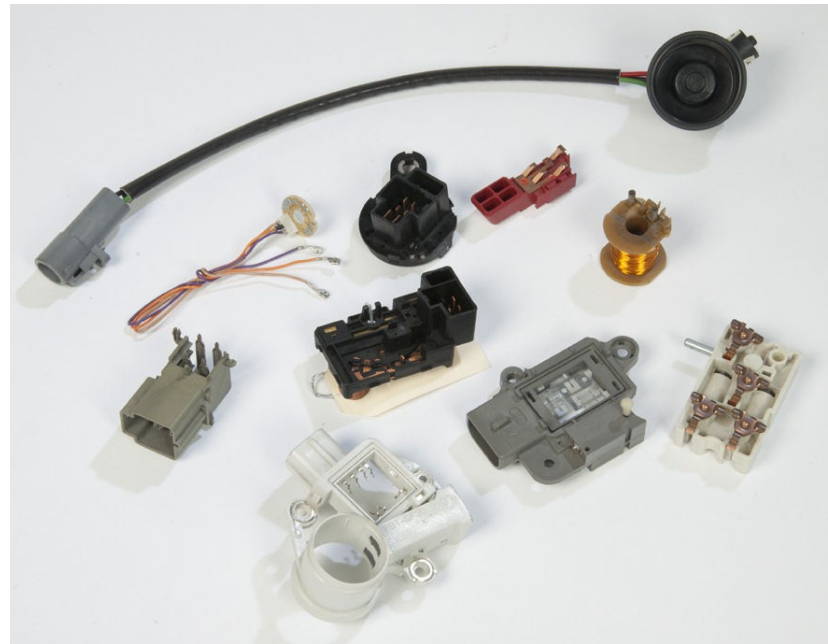
DALSA



# In-House Machining



# Common Electrical Component Assembly



# Cross-Trained Assemblers



# Nut Driving

