

# Solid

design solutions

A S S E M B L Y   A N D  
T E S T   S Y S T E M S



## build it right

Improve process output quality,  
throughput, labor and profit margins





### Increase speed and quality, reduce costs

Producing a product is one thing, producing it at scale, at speed, yielding profits, is another. At Solid, we have nearly 20 years of experience in helping industry leaders such as 3M, Medtronic, and Thermo Fisher Scientific lower production costs, increase product quality, and reduce downtime with a wide variety of assembly process and testing solutions.

Our proven end-to-end development process can lead the way, with a rock-solid roadmap that mitigates risk while focusing resources on your project objectives: process improvement and an improved bottom line.

### Scale up operations to reach new goals

Whether you have a boutique production operation or an entire assembly line, whether you have clean room conditions or OSHA compliance concerns, Solid has the talent and resources you need to develop efficient, economical, and worry-free solutions for a wide variety of applications. We integrate mechanics and electronics with automation, best practices, and a meticulous attention to detail, optimizing your processes and testing to meet the demands of your market and your supply chain.

Our continuous focus, transparent reporting, responsive communication, and on-time, on-budget delivery mean you don't have to guess about success.

### A SOLID process



## Assembly systems

### Semi-automated assembly fixtures

- Operator-assisted assembly
- Operator load/unload
- Magazine-fed
- Precision positioning

### Controls

- Manual
- Electronic
- PLC
- Pneumatic
- Embedded Processor

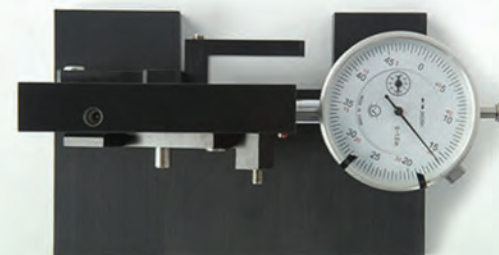
### Clean Room Systems

- Assembly
- Inspection
- Converting
- Test
- Calibration
- Welding
- Hipot
  - Continuity
  - Swaging
- Adhesive bonding

## Test systems

### Test Equipment

- Design validation testing
- In process testing
- Cycle testing
- HALT testing
- Cable and lead testers
- Circuit testing
- Final test



It's time to build it right

Call 877.786.7701 today and find out how.

[www.soliddesignsolutions.com](http://www.soliddesignsolutions.com)



## Markets Served

Consumer  
 Health Care  
 Medical  
 Manufacturing  
 Electronics  
 Laboratory  
 Emerging Markets  
 Specialized Environments  
 Construction

## Disciplines

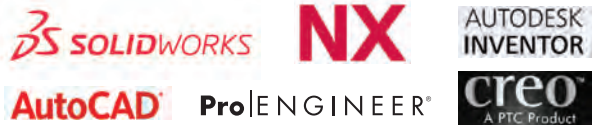
Industrial Design  
 Industrial Engineering  
 Mechanical Engineering  
 Manufacturing Engineering  
 Electrical Engineering  
 Firmware Engineering  
 Software Engineering  
 Project Management  
 Electromechanical Integration



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