

Solid

design solutions

Capability Statement

P R O D U C T D E V E L O P M E N T • M A C H I N E D E S I G N

About Solid Design Solutions

Solid Design Solutions (Solid) is a full end-to-end electromechanical engineering design firm that specializes in new product development and specialty machine design and build. Our clients have utilized our expertise over a wide range of applications and industries for 20 years. We are able to develop innovative and novel solutions to complex problems by leveraging this broad background. Solid's Industrial Designers, Electrical Engineers, Software Engineers, Mechanical Engineers, Manufacturing Engineers, Machine Designers, and Project Managers make all of this possible.



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Markets

- Medical
- Manufacturing
- Health Care
- Consumer
- Specialty Machines
- Electronics
- Laboratory
- Emerging Markets
- Construction

Software We Use

- SolidWorks
- Creo/Pro-E
- Altium
- NX
- CamWorks
- AutoCAD/Inventor
- Sketchbook Pro
- MathCad

NAICS Codes

541613 - New Product Devel. Consulting 541511 - Custom Computer Programming 333999 - Gen. Purpose Mach. Manufacturing
541330 - Electrical/Mechanical/Industrial Eng. 541512 - Computer Systems Design

Disciplines

- Mechanical Engineering
- Electrical Engineering
- Software Engineering
- Manufacturing Engineering
- Industrial Design
- Industrial Engineering
- Project Management

Services

- Full Product Development
- Automated Equipment Design
- Finite Element Analysis (FEA)
- CAD Modeling
- Process Development
- Re-engineering
- Tooling and Coordination
- Procurement and Global Sourcing
- Rapid Machining
- Drafting
- Prototype Creation

Design Capabilities

- Wireless Device
- Embedded Systems
- Electromechanical Devices
- Assembly/Test Systems
- Diagnostic Systems
- IoT Devices
- Mechanism Design