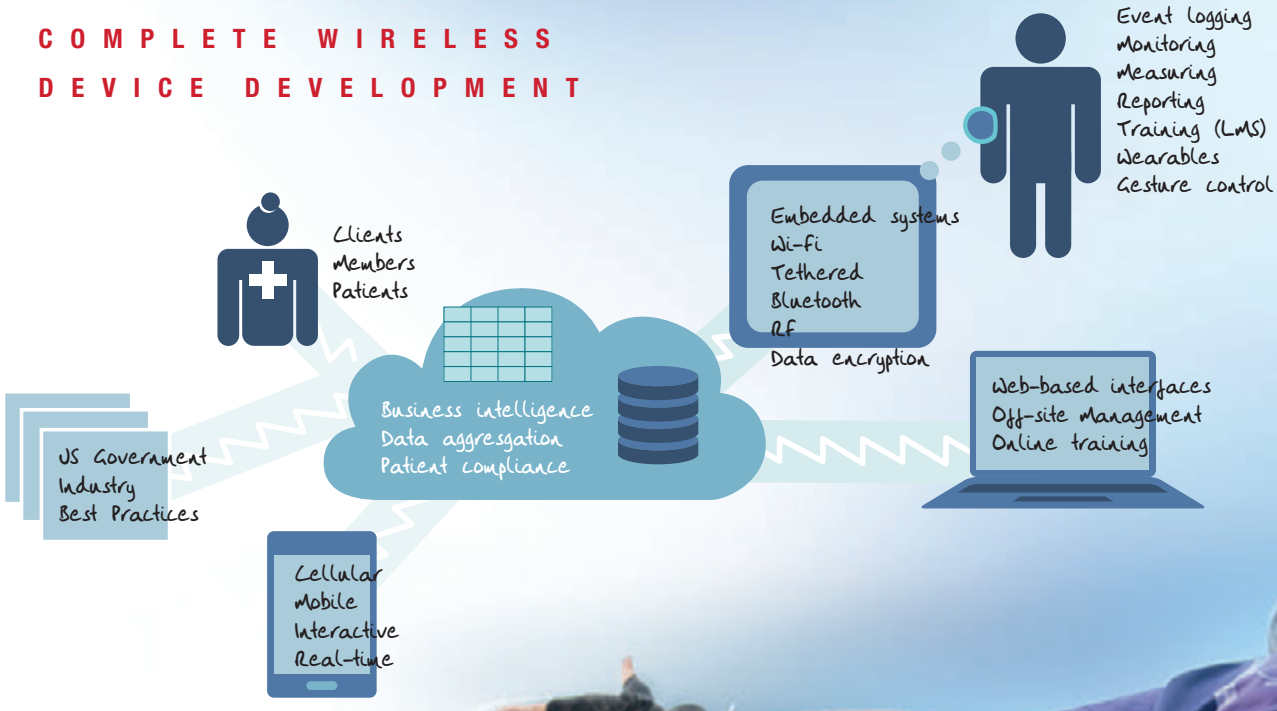
Solid

design solutions

get your devices talking!

COMPLETE WIRELESS DEVICE DEVELOPMENT



Rapidly bring your new product to market

Solid Design Solutions (Solid) brings expertise in the latest wireless communications and embedded systems technologies to deliver advanced device solutions. We can solve your device design challenges and get you to market with industrial design, UX development, and mechanical, electrical and software engineering.

Solid provides managed programs (e.g., engineering, testing and deployment), giving you increased capacity to meet the demands of larger project requirements, and reduced time-to-market objectives, all while eliminating the need to quickly grow a large staff.

Whether it's a product upgrade or a completely new concept, meet market goals of efficiency and mobility with a total solution from Solid.

Contact us today to find out how you can get your devices connected and talking!

www.soliddesignsolutions.com

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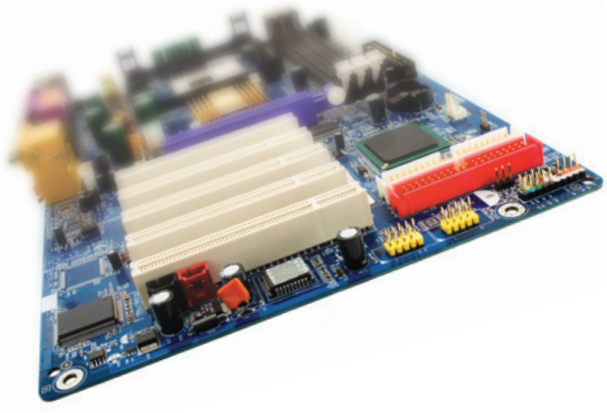


Making products smart

Solid takes pride in our ability to create intelligent devices. Experienced electrical and software Engineers utilize high quality components and complex algorithms to meet your distinct requirements.

Join the many industry leaders such as 3M, Medtronic, Boston Scientific, and Honeywell that turn to Solid to meet their product development needs.

a SOLID decision

Embedded Systems

Solid's electrical and software engineers have extensive experience designing, programming, adding intelligence and increasing feature sets to all types of embedded systems, enhancing product functionality, flexibility and reliability.

Our embedded systems capabilities include:

- Component selection
- Board level design
- System design
- Energy management
- Automation development
- Debugging

Altium electrical design software increases throughput and decreases costly design iterations.

Software and Firmware Development

Solid's team can write software tailored to your product's unique requirements. From early conceptual design to new production startup, we can handle every step. Ask us how a technology upgrade can help extend your product into new markets.

We implement standardized optimization, validation and de-bugging processes early to reduce development timelines and costs.

Firmware can be developed in an array of languages such as:

- C/C++
- Java
- PHP
- Python
- SQL
- Javascript
- Assembly
- And many more

Extend your market reach

Solid's talented electrical engineering team can update your existing products to reduce costs and increase revenues — create renewed excitement for your existing product and gain market share.

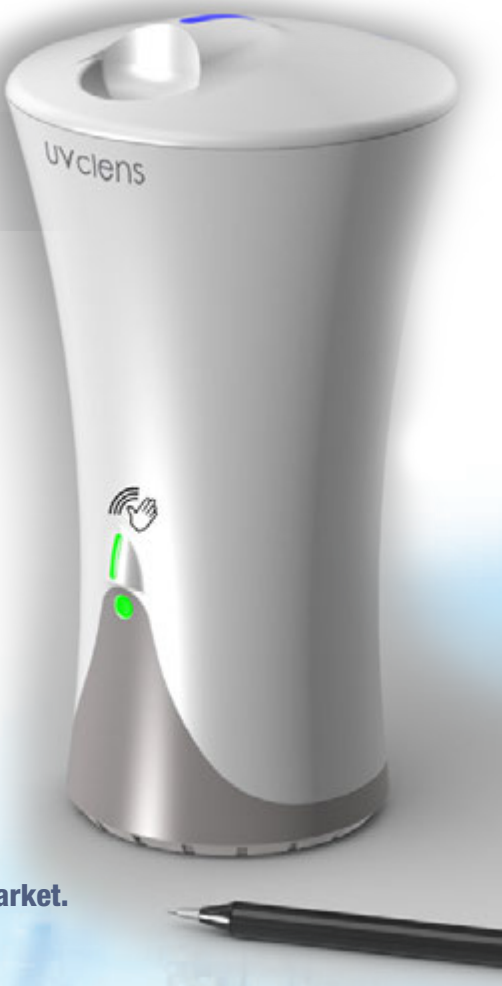
We can also redesign or add features to existing firmware for increased efficiency, expanded data collection or improved algorithms, which can result in a new product or an enhanced next-generation release.

Full support for every phase

Whether your product is intended for medical, industrial, wearable, laboratory, or consumer markets, the expertise of Solid's team will help ensure a successful product launch.

Accelerate market entry and reduce costs by working with highly experienced engineering talent to complete your product development goals.

Focus on your own expertise and let Solid strategically manage our multi-disciplined team to meet your demanding product development goals.



Connected Devices

Cost and size of wireless technologies have been dramatically reduced over the last decade, providing an infinite array of applications. We increase the reach of hardware by connecting devices through Bluetooth integration, WiFi chips, RFID sensors, and cellular components.

Some of the applications include:

- Real-time reporting
- Mode coordination
- Data transfer and data collection

Add your product to the "Internet of Things" today!

Complete Product Development

Solid is a product development firm providing comprehensive development capabilities — a strategic partner to original equipment manufacturers.

Our electrical and software team is complemented with talented mechanical engineers, industrial designers, machine designers and project managers.

Utilize our skilled team to rapidly bring your complex product to market.

It's time to get smart

Call 877.786.7701 today and find out how.

www.soliddesignsolutions.com

Embedded Systems

Solid's embedded systems applications include:

- Middleware
- Data capture
- Component selection
- Bluetooth integration
- System design
- Energy management
- Making medical devices wireless
- Wearable electronics
- Gesture control

Markets Served

Consumer

Construction

Electronics

Health Care

Medical

Laboratory

Law Enforcement

Military

Manufacturing

Emerging Markets

Specialized Environments

Connected Devices

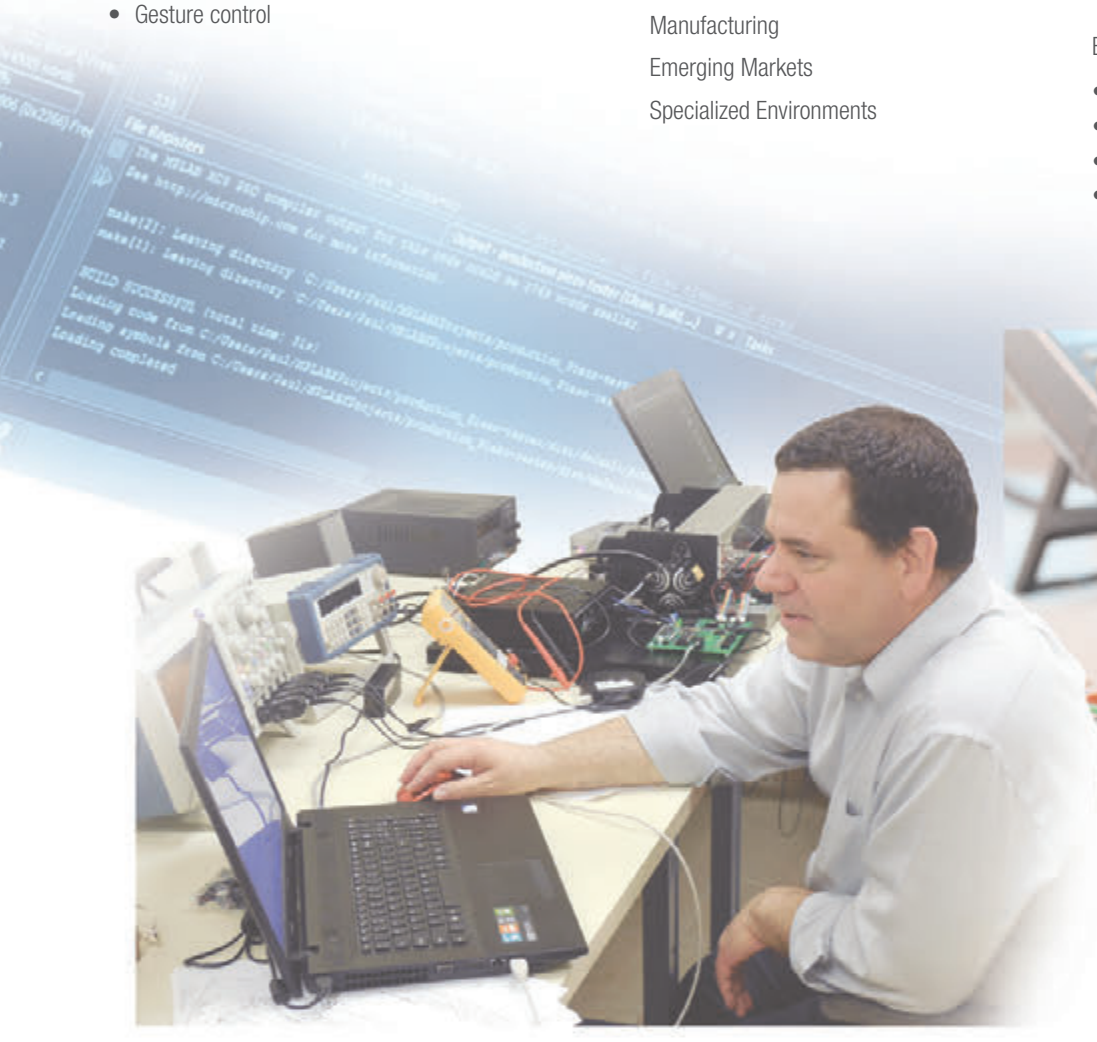
We increase the reach of hardware by connecting devices through Bluetooth integration, WiFi chips, RFID sensors, and cellular components. Add your product to the "Internet of Things" today!

Some of the applications include:

- Mobile applications
- Real-time reporting for patient monitoring
- Event tracking, recording and communicating
- Measurement recording and communicating

Expertise:

- Industrial Design
- Electrical Engineering
- Mechanical Engineering
- Software Engineering



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