

The logo for Impact E, featuring the word 'impact' in a bold, lowercase sans-serif font, followed by a vertical line and a stylized 'E' with a trademark symbol.

We design and build products that matter.

Medical & Life Sciences

Our agile and customer-centric team assists our customers with the introduction and ongoing support of groundbreaking medical manufacturing products to provide enhanced outcomes for our clients and the well-being of their patients.

Comprehensive Medical and Life Science Solutions

Our development process designs devices that are approved in the EU and the US. We can also easily adapt to your development process.

Applications

- Electronics to Implement Patented Wheelchair Power Assist Technology
- Flexible, Wireless Endoscope
- Insulin Infusion System
- Light Source for a Bone Stabilization System
- Mobile Cardiac Monitor
- Pocket-Sized Medical Cardiac Monitor
- Radiation Therapy Mold Cutter
- Sleep Equipment Maintenance Device
- Ultrasonic Surgery System

Solutions

- Break-Away Panels
- Cellular Modules
- Firmware
- Graphical Interfaces
- CD Screen Designs
- PC Applications
- Printed Circuit Boards (PCB)
- Software Control Systems
- User Interfaces
- Windows Simulators (SimGUI) for Remote Controllers

Why Choose Impact

Scientific Approach

All product development begins with the creation of a requirements document based on your user needs and exhaustive research.

Pragmatic Design Process

Our review-based process ensures all our designs are reliable, accurate, flexible, and meet the highest quality standards.

Product Experts

Our nimble, customer-focused team introduces and sustains innovative products that provide better outcomes for our customers and their patients.

Risk Management Fluency

Proficient in the implementation of medical risk management processes, we collaborate with you to develop your product documentation.

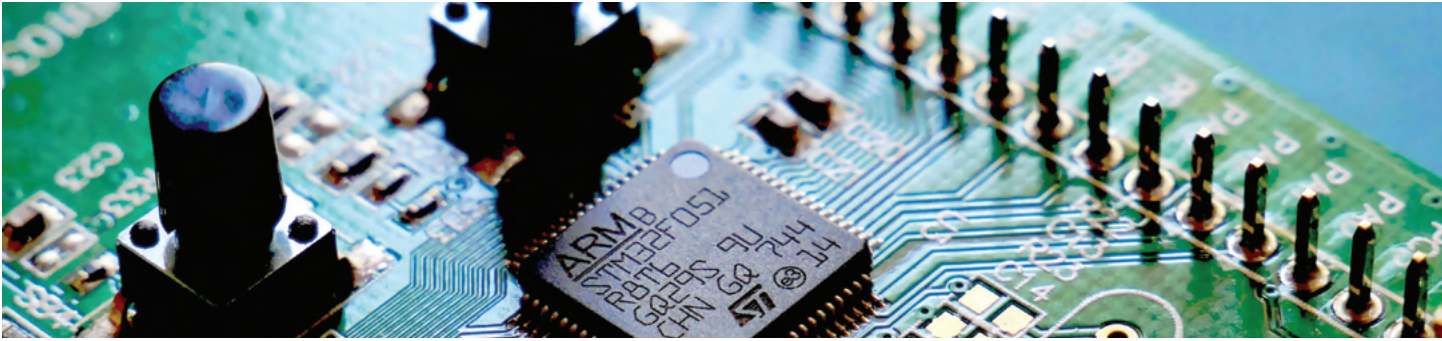
Strong Partnerships

Beyond delivering exceptional technical expertise, we foster strong collaborative relationships with expert design firms and manufacturing groups.

Continuous Communication

We provide weekly status reports to help keep projects running smoothly to meet and exceed your expectations.











About Us

We are a full-service electronics manufacturing and fiber optics services company, providing prototype and full-turnkey production services for a wide range of customers in the medical, defense, aerospace, unmanned systems, industrial and instrumentation sectors.

Industries

-  **Aerospace**
-  **Medical & Life Science**
-  **Autonomous Robotics**
-  **Space**
-  **Military & Defense**
-  **Commercial & Industrial**

Decades of Experience

Our engineers have been designing complicated electronics, fiber optics, and software-based devices for nearly three decades. Our expertise allows us to ensure seamless integration across both disciplines. From challenging analog electronic designs to cloud-based data access and reporting, we will provide outstanding solutions appropriate for your application.

Tailoring solutions to meet our client’s requirements, we offer both design-only and manufacturing-only services, as well as versatile combinations of the two to address diverse needs.

Medical Devices Certifications



Contact Us

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Locations

- Clearwater, Florida
- Cranston, Rhode Island
- Grants Pass, Oregon
- Vancouver, Washington
- Ventura, California

