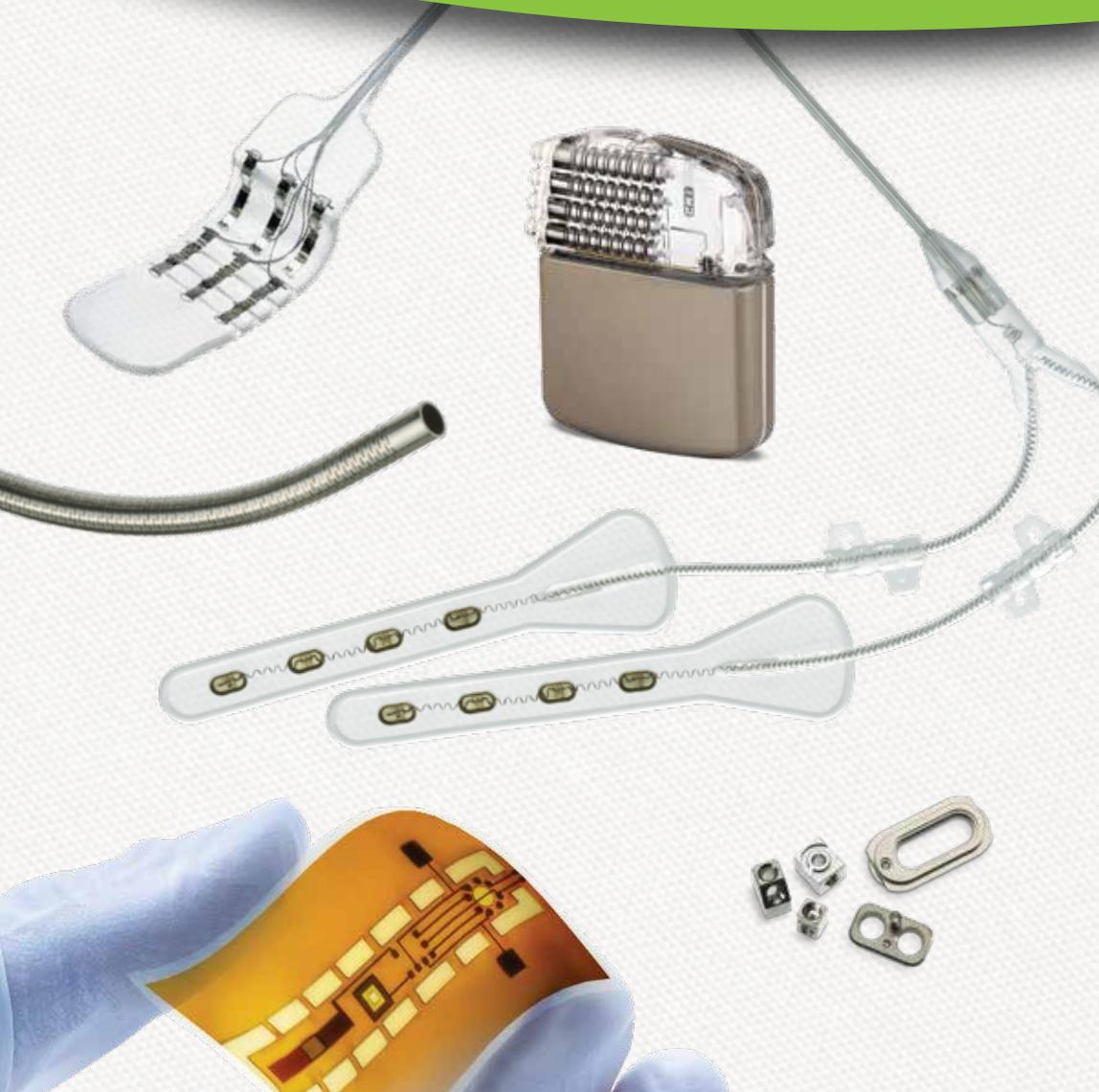




Shaping the Future of Medical Device Manufacturing

Concept Through Commercialization





Complete Outsourcing Solutions

From design and development, to precision components and finished devices, we have the resources and expertise you need to bring your products to market—quickly, predictably and cost-effectively. With over three decades of expertise, Cirtec is committed to being the preferred outsourcing partner for end-to-end, innovative solutions in the development of your life-enhancing therapies.

Product Categories:

- Neuromodulation
- Cardiac Rhythm Management
- Mechanical Circulatory Support
- Implantable Drug Delivery
- Minimally Invasive Catheter Systems
- TAVR/TMVR

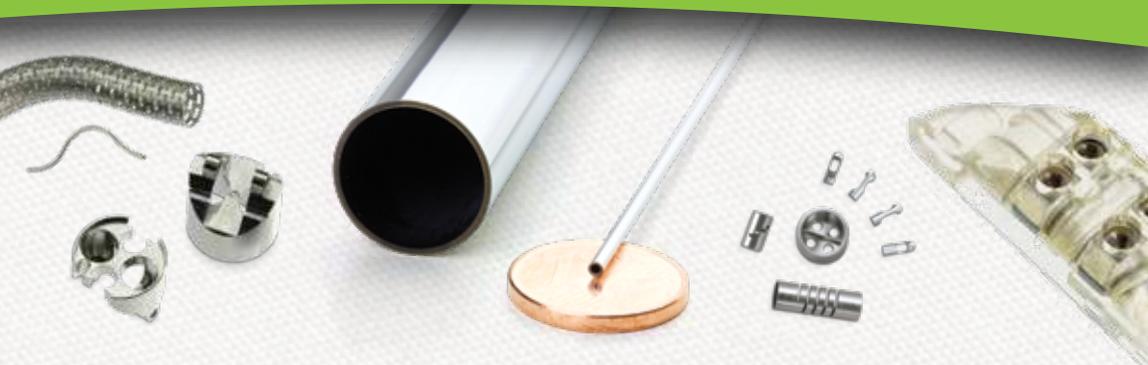


Design and Development

Cirtec Medical has the technical expertise needed to design innovative medical devices, solve complex design challenges and help bring your device to market. Our approach to product development enables us to design, test, validate and manufacture all of the controls, electrical and mechanical parts within the most complex systems.

Innovative Engineering:

- Proof of Concept
- Industrial Design and Human Factors
- Mechanical and Electromechanical
- SW/HW and Firmware
- Design Verification Testing
- Design Transfer



Precision Components

As your full-service outsource partner, we can design, develop and manufacture all the components in your device. Specializing in complex, difficult to produce components, Cirtec has developed innovative medical machining processes and advanced tooling systems to manufacture medical device assemblies with the highest level of quality and efficiency.

Vertically Integrated Manufacturing

- Machining and Swiss Turning
- Precision Stamping
- Coil Winding
- Hermetic Welding and Testing
- Nitinol and Cobalt Chromium Tubing
- ASICs and Thin-Film Circuits

Finished Device Assembly

Cirtec is more than an industry-leading outsource partner for end-to-end design and manufacturing of Class II and III medical devices. We have the capabilities to bring your product to full production, including assembly, packaging and testing and in-house sterilization.

Bringing It All Together

- Active Implants
- Leads
- Catheter-Based Delivery Devices
- Hardware, Software, Firmware
- Mechanical and Electro-mechanical Devices



Your Outsourcing Partner for Complex Medical Devices

For over 30 years, Cirtec Medical has been providing outsourcing solutions for complex medical devices. From design and development, to component manufacturing and device assembly, our in-house resources and production experts make partnering with us a seamless, cost-effective process.

FDA Registered | ISO 13485 Certified



Corporate Headquarters

9200 Xylon Avenue North • Brooklyn Park, MN 55445
763.493.8556 • info@cirtecmed.com • www.cirtecmed.com

Our Companies:

METRIGRAPHICS™

Vascoube
A Cirtec Company

CACTUS
Semiconductor®