motherson

Medical Device Solutions

Redefining Healthcare Using Emerging Technologies

Medical Device Solutions

We established the benchmark for delivering engineering services globally for the past two decades, combining our in-depth engineering, industry knowledge and business consulting expertise to help organization in their Digital transformation journey & assist in the automation process and streamlining of business process

- **Surgical & Therapeutic Devices**
- **Diagnostic Equipment (Imaging, X-ray, MRI, Ultrasound)**
- **Digital Health**
- **Patient Monitoring & Mobility**

Proud to be part of.

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A Strong Foundation

Concept to Commercialization Rapid prototyping to Manufacturing handover

20+ Years of domain experience working with leading global OEMs

Team of product experts provide flexible engineering capacity

Industry Certifications & Standards

Our Service Offerings

Mechanical
- Industrial Design
- Engineering Design
- CAD / CAE
- Prototyping
- Reliability Engineering
- Manufacturing & pre compliance

Embedded
- Board Design
- Embedded HW/SW Development
- Verification & validation support

Cost Optimization
- Quality & Regulatory Assurance
- Sourcing Support
- Technical Documentation
- Value Engineering

Application Software
- iOS and Android platform Development
- Data Analytics & Reporting

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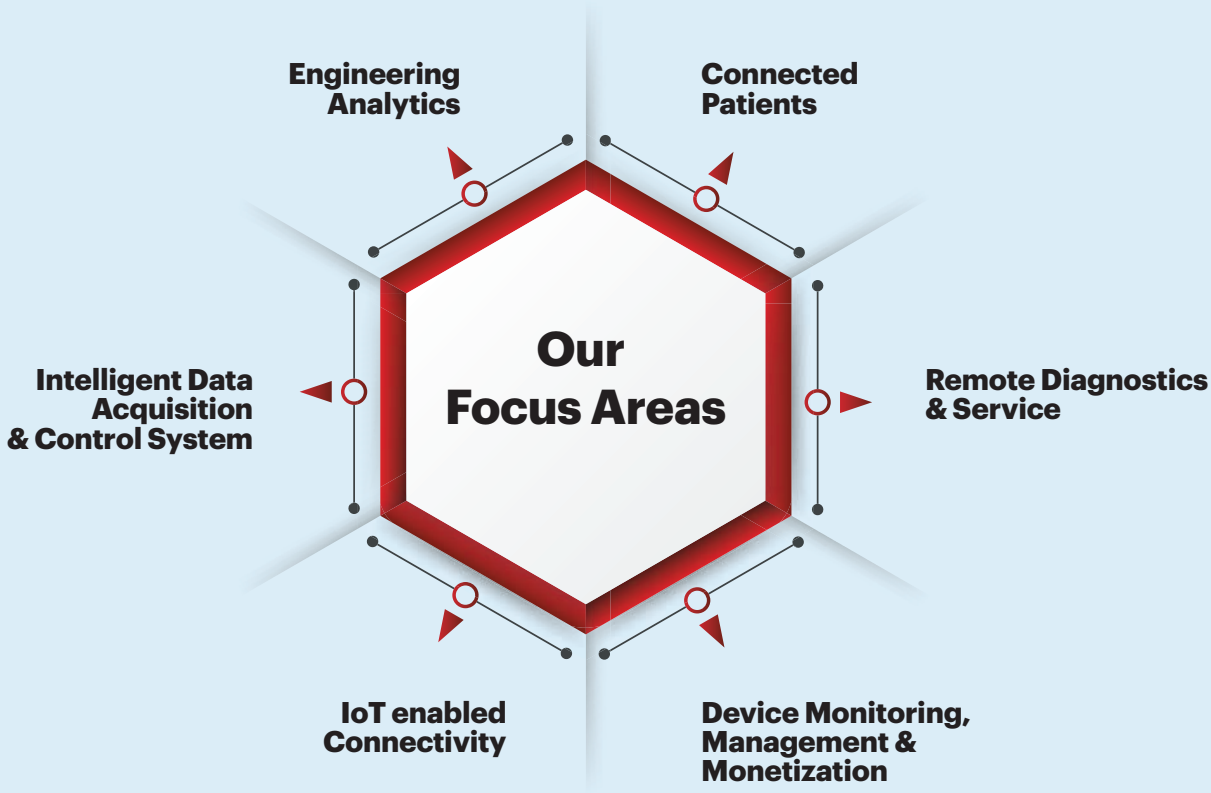

Case Studies

Turnkey New Product Development of portable light therapy wearable glasses for Medical Firm

- Mobile App Development on iOS/Android and web app to monitor and control the usage
- Mechanical Design and styling
- Hardware Development Prototype Development
- Software Platform Development and Testing
- Medically Complaint for therapy in Australia and European Union

Reverse Engineering of X-Ray Tube Component for Indian Medical Company

- Scanning of part level Components
- 3D model Conversion and Reverse Engineering
- High level assembly teardown
- Tool cost saving 18% and saving 37% in overall Capex
- Processing and inventory cost savings by 14% and 8% respectively

Turnkey New Product Development of Wellness Product to Monitor & Improve Sleep Pattern

- Mechanical design and styling
- Hardware, Prototype development and testing
- Software platform development and testing
- Bluetooth connectivity and Cloud Integration
- As a rechargeable Lithium-Ion battery USB port for charging

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Reach out to us

Founded in 1975, Motherson Group is an industry leader and one of the world's largest manufacturers of components for ther automotive and transport industries. The group's diversified portfolio makes it a complete solutions provider across the globe. Motherson Group serves its customers with a wide array of products and services through multiple business divisions including wiring harness, vision systems, modules and polymer, technology & software, aerospace, health & medical, logistics, retail and metal products. Motherson Technology Services is a global technology company that offers a consulting-led approach with an integrated portfolio of industry leading solutions that encompass the entire enterprise value chain. Our technology-driven products and services are built on two decades of innovation, with a future focused management philosophy, a strong culture of invention and co-innovation, and a relentless focus on customer-centricity. A CMMI Level 5 company, we have delivered best-in-class services to 430+ clients in 43+ global locations across all continents. We are a business division of Motherson Group, one of the largest manufacturers of components for the automotive and transport industries worldwide with 1,90,000 employees across the globe.

Visit us online at https://mothersontechnology.com/

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