

MTS Industrial Product Solutions

Accelerating Industrial Growth
through Digital Transformation



Industrial Products Solutions

We established the benchmark for delivering engineering services globally offshore for the past 2 decades. Our extensive experience, combined with efficient processes, allows us to swiftly deploy offshore teams for development or connect with existing PLM, data management, and company-wide systems

Industrial Machinery

Pumps | Compressors |
Generators | Motors | Gearbox
| HVAC equipment | Flow
Control | Power tools | Test &
Measuring Devices | Welding
Equipment



Building Solutions

Elevators and Escalators |
Smart Buildings | Lighting
Engineering | Wireless
Lighting and Sensors |
Integrated Energy Saving



Consumer Products

Refrigerators | Washing
Machines | Water & Air
Purifiers | Home Cleaning
Equipment | Lawn Mowers |
Fitness Equipment | Vending
Machines



Industrial Automation

Connected Products |
Connected Factory |
Control & Automation



What Makes us Different

- **2+ Decades of Experience**
- **Technically Skilled and Certified SME's**
- **State of the Art Labs**
- **Flexible Working Models**



What We Do



Product Engineering

- Product Conceptualization
- Design & Development
- Testing & Certification
- Manufacturing Support
- Product Maintenance



Digital Engineering

- Machine learning & automation
- Augmented Reality
- Cloud Connectivity & Automation
- Autonomous Robots



Value Engineering

- Value analysis
- Reverse engineering
- Product benchmarking
- Legacy equipment upgrade

Our Digital Offerings



IoT



AI/ML



AR/ VR/ XR



Robotics



Cloud



Remote Monitoring



Engineering Analytics



Industry 4.0

Case Study



HMI Application Development for Leading US Welding Equip Manufacturer

- Portable HMI to Interact with Robot system
- UI based Framework development and components library finalization
- IoT based cloud platform and IoT Device Integration



Design and Development of Cooler unit for a High Voltage Welding Machine for US Welding Manufacturer

- Block Diagram Creation and Hydraulic schematic
- CAD Model and Manufacturing drawings
- Test Validation and Test Report per IEC standard



Industrial grade multi service IoT Edge gateway development for leading US Welding Equip Manufacturer

- Design and Development of Electronics Hardware
- Driver Development and porting of reusable models
- Prototyping and precomplainence testing
- Automated software model testing



Design development of Vertical Weatherstile Kit used with Curtain Wall for French Glass OEM Manufacturer

- Developed Concepts and detailed design using inverter 3D model manufacturing drawings and BOM
- Validated the design using FEA Analysis
- Physical testing and validation of slippage

Reach out to us



Founded in 1975, Motherson Group is an industry leader and one of the world's largest manufacturers of components for the 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 41+ 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 150,000 employees across the globe.

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

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