



EM Engineering Solutions LLC
Innovators of Turn-Key Engineering Solutions

Providing Solutions to Help Your Business Grow

EM 2025 Company Profile

WHO ARE WE?

EM Engineering Solutions LLC, founded in 2018 in South Lyon, MI, is a multidisciplinary engineering design and consulting firm with Value-Added manufacturing capabilities. EM prioritizes providing contract turnkey engineering solutions and services to any industry, servicing small businesses and startups to Fortune 500 firms worldwide.

OUR MISSION

Our goal is to provide turnkey multidisciplinary engineering solutions to firms at a transparent rate, prioritizing the client's needs and ensuring that transparency is upheld across the design processes from conceptualization to production, ending with a product that works as simply as turning a key. We dedicate ourselves to creating your visions through our products with the utmost quality and professionalism

WHY CONTRACT ENGINEERING?

Contract engineering design services offer a range of benefits for small businesses/startups and larger corporations. By reducing lead times, lowering costs, providing flexibility in project management, delivering turnkey solutions, utilizing industry specializations, and scaling effectively across the product design lifecycle, contract engineering services can be a powerful tool for driving innovation and efficiency, keeping productivity high and reducing overflow workload on existing staff when utilized. Companies strategically leveraging contract engineering are well-positioned to succeed in today's competitive marketplace.

OUR SERVICES

Engineering Consulting / PM

- BOM Creation / Management
- Mechanical & Electrical System Analyses
- Product Lifecycle & Feasibility Analyses
- Project Management

Mechanical Design Solutions

- 3D CAD/Industrial Product Design Solutions
- 2D GD&T Industrial & Professional Drafting
- Finite Element Analysis Validation
- Generative Design & Geometric Optimization
- Reverse Engineering & DFM/A/T

Electrical Design Solutions

- Circuit / Schematic Design & Simulation
- PCB Design & Layout Solutions
- EMI/SI/PI & Virtual Compliance Testing
- Turnkey Battery System Development
- Automotive & LEV System Design

Software & Firmware Engineering

- C/C++/Assembly Embedded Firmware Dev.
- Cross-Platform Application Development
- HMI, AI, & Cloud Development Services
- IoT & Full Stack Web Development

Manufacturing Solutions

- Rapid-Prototyping Additive Manufacturing
- PCB & PCBA Manufacturing Services
- Multi-Axis CNC Milling & Lathe Services
- Sheet Metal & Injection Molding Solutions

Contact Us



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