



CONTROL  
SOLUTIONS™

Keep your world moving  
with rapid design and  
quality manufacturing of  
motion control systems  
that solve your  
toughest challenges



- INNOVATIVE
- RESPONSIVE
- FIELD-PROVEN
- WORLD CLASS

# Core Capabilities

## Engineering

Full suite of engineering skills and procedures to design and develop robust systems with over 20 years of industry-leading experience in mechanical, electronic, software and test engineering.

- Mechanical engineers with expertise in rugged electronics packaging and electro-hydraulic motion applications
- Electrical engineers with significant experience in custom system and sub-system electronic designs that include:
  - Motor controller and charging technologies
  - Intuitive operator input/actuation systems
  - Commercial wireless communication and tracking systems
- Software engineers with expertise in embedded firmware and application development
- Quality and test engineers with expertise in meeting strict military and FDA compliance requirements



## Operations

Large-scale, flexible manufacturing facility capable of rapidly responding to long production runs as well as a pilot or custom integration project.

- Processes are CMMI level 2 compliant
- Operations built on common set of tools including MRP, Oracle, dedicated Product Tracking System, and customized work orders and technical documentation



## Quality and Program Management

Core resources staffed to ensure the highest quality in our products as well as in our internal processes.

- In-house manufacturing process testing
- ISO 9001 quality control systems
- MIL-STD compliance
- FDA certifications
- Project management team is PMP-certified



## Business Development

Sales and marketing are focused on understanding our customers' needs and developing strong product differentiation.

- Well-established relationships with key OEM customers
- Strong relationships with US military program offices



# Markets We Serve

## Applications we deliver

Our mission is to provide exceptional, rapid solutions for our customer's motion control challenges. Over our company's history, we have designed, developed and manufactured a broad family of high-technology systems and components that help solve customer's challenges. Our core capabilities enable us to provide rapid response solutions for worldwide markets that include:

### Military Vehicle Systems

We engineer and manufacture systems for the US military where quality and dependability are paramount. Our vehicle subsystems are designed from the ground up to perform around-the-clock in the harshest battle environments.

- Turret Control Systems that automate the movement of the vehicle gunner's armored turret
- Power Door Systems that assist the operation of the vehicle's armored doors
- Tactical vehicle sub-systems that meet customer needs using our expertise in rugged electro-hydraulic and embedded firmware motion control applications



### Commercial and Industrial Motion Control

We develop and manufacture a line of motion control products, battery chargers, cables, and user interface systems as an OEM supplier to many customers in the industrial and commercial markets. Our line of motion control products include:

- DC motor controllers that provide smooth, stable operation for the shopping scooter industry
- Controllers and chargers for heavy-duty grocery cart pusher products
- Specialty control electronics for the hospital bed market
- Motor controllers and chargers in patient transport products
- Energy-efficient automatic battery chargers for UL-rated applications and commercial markets





## Customer Intimacy

Control Solutions LLC is a dynamic and rapidly-growing high technology company. Our product offerings are highly-integrated customized responses to each customer's unique business needs. We have developed strong partnerships in all of our customer interactions including key OEM relationships with:

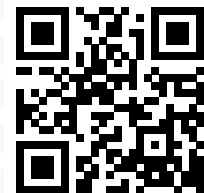
- Prime contractors in defense
- Top manufacturer of medical patient handling
- Major manufacturers of mobility scooters
- US Army

## Certifications

As a major military and commercial OEM systems provider, Control Solutions LLC maintains the highest standards of quality including:

- ISO-9001-2008 certification
- FDA-registered manufacturing facility
- FDA 510(k) registered manufacturer

*At Control Solutions LLC , we stand ready to help you with your motion control project. Contact us today to discuss your requirements. If you are looking for a rapid response to set your world in motion, contact us now.*



Visit our website: **controls.com**  
by scanning this QR code.

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