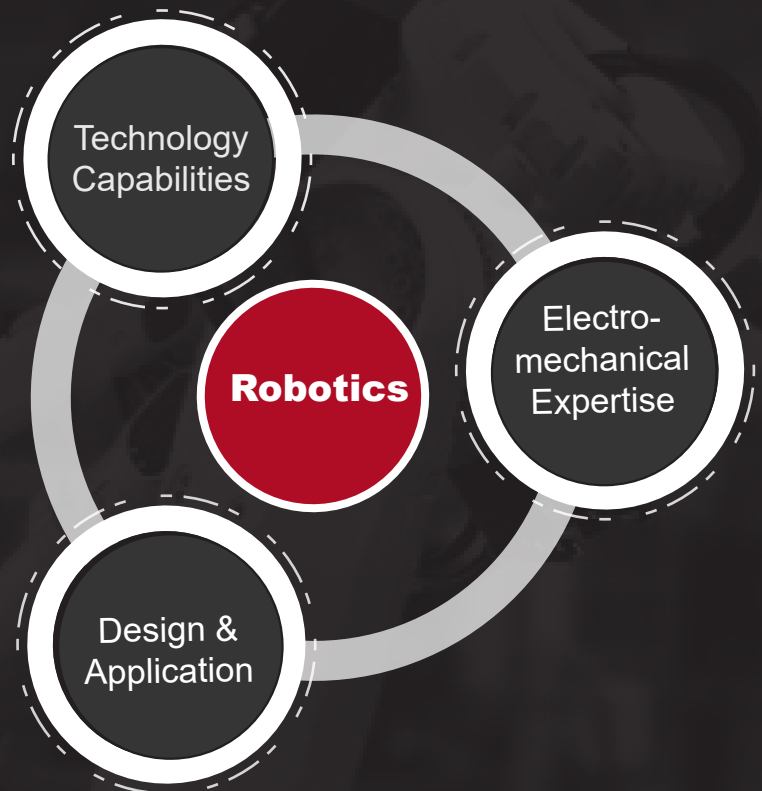


At the Forefront of Robotics Innovation

Our robotics experts hail from industry, government, and leading universities, and keeps pushing the boundaries of technology, engineering, and the physical and life sciences to develop breakthrough robotics advancements.



Benefits of Modern Robotics

Combat Labor Issues

Robots are filling workplace positions that are dangerous and/or hard to fill. They are also opening the geographic pool of applicants and even untapped labor market sections as this technology can be remotely controlled.

Speed and Accuracy

Robots are automating mundane manual processes, and can work up to 745% faster than human labor. This technology increases speed, accuracy, quality, and ultimately, time-to-market.

Supply Chain and Revenue

A robot can work 24/7/365. A robot in place of a worker can reduce operating costs by 8,760 hours. Simply put, saving on labor costs while increasing productivity equals a boost in organizational revenue.

Technology Capabilities

- Robotics Automation
- Visual Servoing and Sensor Fusion
- Localization and Mapping
- Rapid Prototyping
- Proof of Concept
- ROS2
- Diverse Programming Skills
- Sensor and Actuator Integration
- Advanced Motion Control

Design & Applications

- Robotics Simulation
- Custom Robotic Hardware Design
- Safety and Reliability Engineering
- Human-Robot Interaction Design
- System Integration
- Robotic System Scalability
- Continuous Learning
- Continuous Innovation
- Industry Specific Knowledge

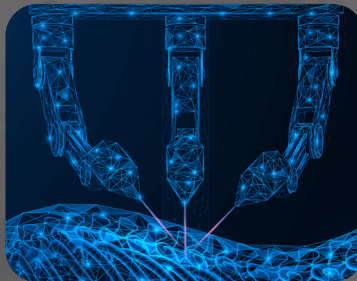
Electromechanical Expertise

- Custom and COTS Integration
- Electromechanical Systems Design
- Simulation and Modeling Tools
- Materials and Manufacturing
- Bio-Inspired and Magnetic Actuation
- Safety and Preventive Maintenance
- Modularity and Adaptability
- Environmental Adaptation
- Precision Manipulation

Robotics Industry Markets



**Defense &
Security**



Medical



**Commercial &
Industrial**



Ready to begin unlocking the immense potential of robotics for your commercial, medical, or defense endeavors?

Take advantage of our comprehensive range of robotic product development capabilities, and let us help you drive innovation, enhance operational efficiency, and propel your organization to new heights.