BOSTON
ENGINEERING™
Imagine the Impact™

About
Boston Engineering

Engineering Solutions | Product Development | Technical Innovation

What Most Can Only Imagine, We Engineer

Boston Engineering provides product design and engineering consulting from concept through commercialization. We thrive on making the meaningful impact that comes from solving tough challenges for our clients.

Our Mission:

To improve the way people work and live through innovative product design and novel engineering.

Three decades of thought leadership and diverse industry experience combine to deliver solutions and create value streams across markets and technologies.
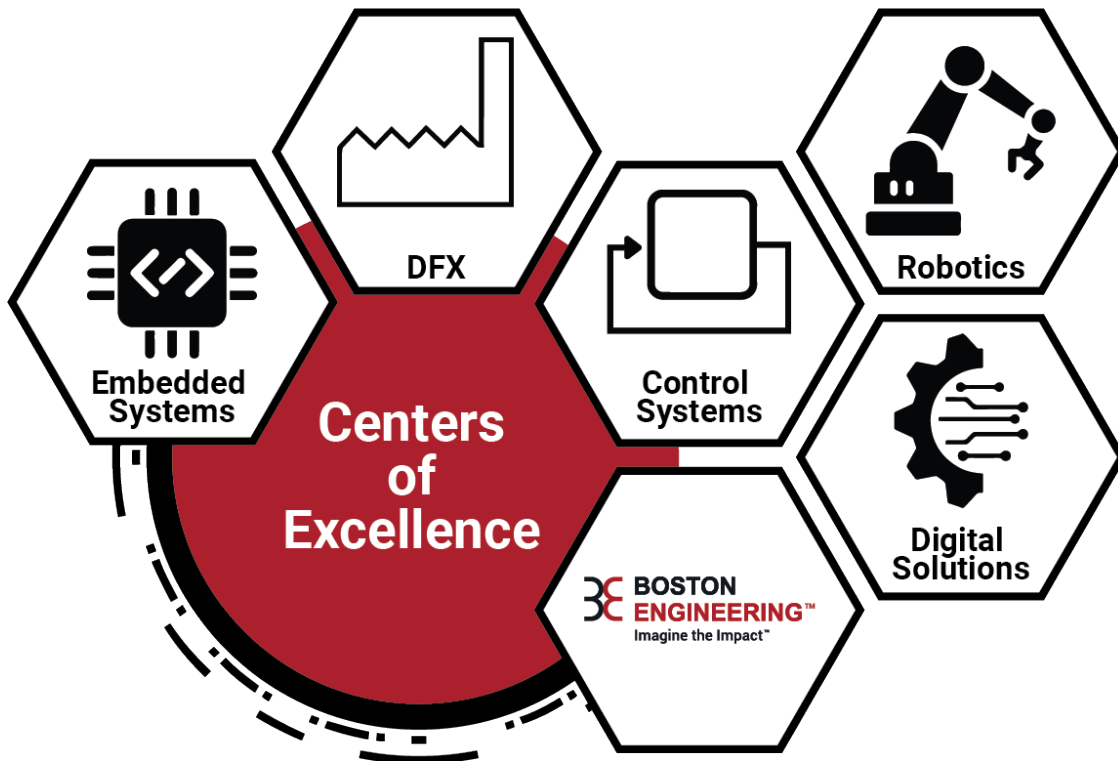
Boston Engineering's expertise provides a competitive advantage for you, regardless of industry or application. As the needs of our clients have evolved and grown, so have our available capabilities: from holistic solutions for driving strategy, to our value engineering framework for improving products, to our real-world field experience, Boston Engineering builds on the knowledge gained from solving the hard problems.

We've transformed hundreds of bold ideas into indispensable products and game-changing solutions. Our clients benefit from our deep product development capabilities supported by cross-domain expertise and innovation.

Boston Engineering Centers of Excellence

Our Core Centers of Excellence are the intersection of subject matter experts, technology, and collaboration. They provide our clients with unparalleled experience, unique knowledge, and optimized solutions.

Digital Solutions
Developing and implementing technologies that integrate existing business and engineering systems for real-time data management

Robotics
Combining our expertise in hardware, software, and digital platforms to create automated systems that improve the way people work and live

Control Systems
Understanding and applying the modeling and simulation required to develop complex, algorithm derived controls that adapt to new challenges

Design for X
Utilizing disciplined product development practices and novel engineering to create differentiation and sustainable advantage

Embedded Systems
Designing, developing, and testing custom embedded hardware and software systems to support innovative product design

Subject Matter Experts

Boston Engineering's vision is to build a self-perpetuating enterprise that attracts the brightest minds and challenges them to overcome tough engineering challenges through excellence, innovation, and entrepreneurialism.

Software Engineering

End-to-end software system development expertise with a focus on reliability, security, and performance.

Electrical Engineering

Addressing clients' evolving needs, from electrification to obsolescence, supporting the full product life cycle.

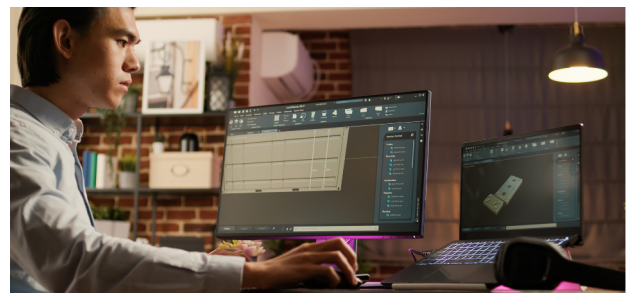**Learn more about our engineering solutions**

Mechanical Engineering

Foundation of specialized experience in dynamics, robotics, ruggedization, precision mechanics, and simulation.

Systems Engineering

Applying expert systems thinking has established Boston Engineering as a leader in outcome-focused technical innovation.

Transforming Challenges into Opportunities

Boston Engineering helps clients capture emerging market opportunities by understanding complex challenges and risks, and bringing together the right subject matter experts to drive innovation and transformation.

Focus Industries

Commercial: Our multidisciplinary teams harness emergent technologies to create competitive advantages for product companies and the industrial base.

Defense: Our decades of work with the military and defense contractors continuously advances the technology essential to protecting the homeland.

Medical: Our innovations elevate the standards of care and help to reduce healthcare costs.

Research & Development: Our team enhances our innovation pipeline through our relationships and collaboration with the region's R&D leaders and top research universities.
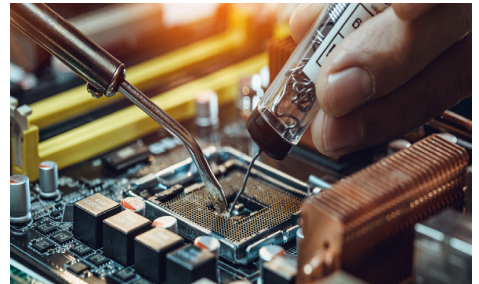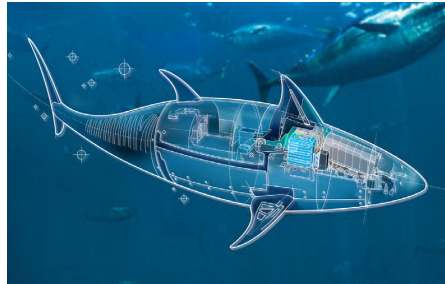
Learn more about the industries we support

Boston Engineering is Your Competitive Edge

At Boston Engineering, we don't just solve problems—we create long-term business value. Our comprehensive approach to product development and engineering delivers tangible value and a significant competitive advantage to our partners.

Partnering with Boston Engineering provides you:

Faster Time-to-Market: Efficient processes and vast experience to accelerate your product development cycles.

Cost-Effective Innovation: Years of practice to streamline the resource requirements to turn your ideas into reality.

Quality Assurance: ISO certifications and industry experience to ensure your products meet the highest standards and comply with all applicable regulations.

Future-Proof Solutions: Understanding and integration of emerging technologies so that your products stay on the forefront of market trends.

Learn More

bsi. ISO 9001 Quality Management
FM 590151

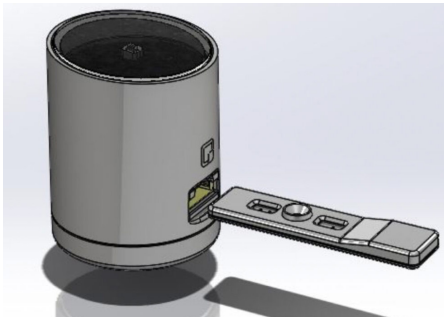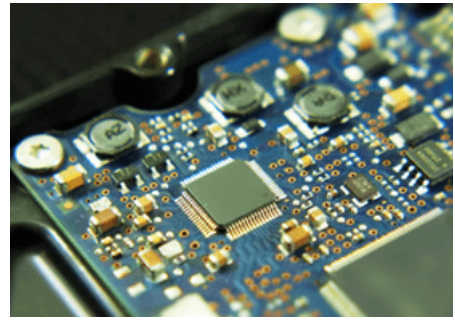bsi. ISO 13485 Medical Devices Quality Management
FM 590150

Our Impact

Representative solutions that highlight Boston Engineering's thought leadership, collaboration, and novel engineering.
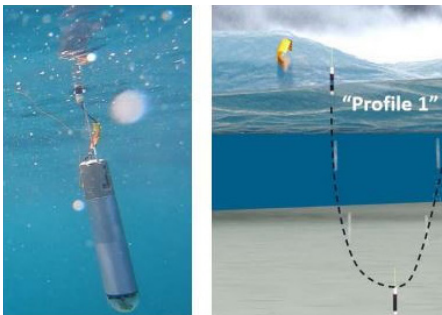
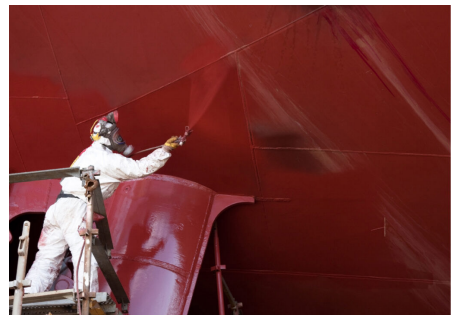## Improving Public Health with Affordable Disease Tests

Solving Component Lead Time Issues and Designing for the Future

MASED Dropsonde Advances Hurricane Forecasting

"Profile 1"

Material Analysis System Redesign Saves the U.S. Navy Millions

Impossible challenge?

Try us.