



## Industrial & Commercial: Precision, Performance, and Innovation

Success in today's competitive environment requires original equipment manufacturers (OEMs) to launch solutions quickly that have differentiated features, quality, and performance. But industrial product development is fraught with cost overruns and delays, which are caused by product strategy gaps and a lack of specialized skills needed to achieve business goals.

### Our Capabilities

Backed by two decades of experience, Boston Engineering understands the challenges facing industrial & commercial companies. We are a product development firm with the expertise to drive the entire product innovation process – including concept development, design, engineering, supply chain development, and post-launch sustaining services. We also jumpstart stalled projects while working closely with our clients.

Boston Engineering's multidisciplinary teams have the breadth and depth of experience to develop next-generation products. And by combining proven design principles with new technologies, we help strengthen your market position through innovation.

Our development process looks beyond individual product requirements to support long-term client goals, establish a strong foundation for new product lines, and anticipate evolving market needs.

### Services

Some of Boston Engineering's specializations include:

- **System-level Engineering:** Yield new performance levels by aligning product and engineering requirements throughout the design process.
- **Embedded Design:** Enhance reliability and functionality through real-time monitoring and control of devices or processes.
- **Motion Control:** Deliver flexibility, precision, and performance for custom motor control applications. Our products and services include the FlexMC Motor Control Development Platform™.
- **Manufacturability:** Achieve production cost, feature, and performance specifications using our development process.

### Reliability, Connectivity, and Control



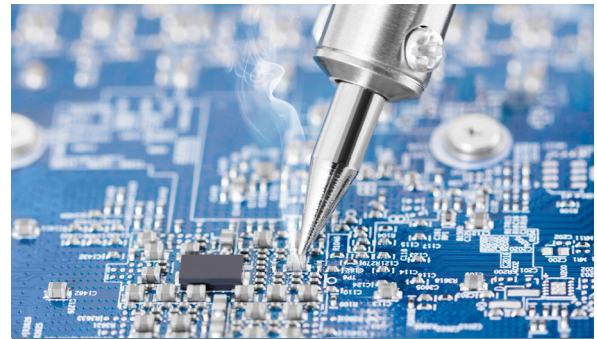
## Market Experience

The Boston Engineering Industrial & Commercial Practice develops products across market segments including academic research, clean energy, manufacturing, semiconductors and technology, and utilities.

Our diverse product development background includes:

- Analytical instruments
- Assembly equipment
- Automated testing equipment
- Cryogenic pump controls
- Electrostatic discharge (ESD) test stations
- Energy harvesting powered sensor
- Fluid metering
- Fuel cell test stations
- Graphical user interface (GUI) development
- High-throughput manufacturing systems
- Industrial pump controllers
- Motor controllers
- Portable gas analyzer systems
- Precision fluid dispensing & measuring systems
- Remote monitoring products
- Tagging technology (RFID, bar codes, etc.)
- Ultrasonic metering equipment
- Wireless connectivity

## Certifications



### Tech OEM Marks 15 Years Relying on Boston Engineering Innovation

Rather than maintaining all technical expertise internally, global semiconductor equipment executives selected Boston Engineering to play an integral role in advancing the company's innovation pipeline.

In addition to providing complete product design and engineering services, Boston Engineering also collaborates seamlessly with internal client teams and applies its deep understanding of company processes to accelerate time to market.

Results from Boston Engineering's nearly 50 projects include:

- Generating hundreds of millions of dollars in sales
- Enabling the company to maintain its leadership position

Boston Engineering continues to work closely with the client to develop innovative and reliable products.

## About Boston Engineering

We deliver innovative product design and engineering consulting solutions from ideation to supply chain development. And we are certified for ISO 9001 and ISO 13485. Our industry expertise includes consumer products, defense & security, medical devices, robotics, and industrial & commercial products. Additionally, Boston Engineering is the Northeast's largest PTC software reseller.



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