



Defense & Security: Imagine the Impact

Boston Engineering is a product development firm that transitions R&D concepts into commercialized technologies.

We team with military agencies, industry partners, and academia throughout the product development process – from concept of operations (CONOPS) to supply chain and manufacturing oversight.

And we also work closely with soldiers, sailors, and Marines to optimize product usability and effectiveness.

Capabilities

- Technology innovation
 - Early-stage research
 - Design for manufacturability and assembly (DFMA) – performance and cost
 - Commercialization
- Robotics
 - Unmanned
 - Autonomous

Innovation Centers of Excellence (COEs) for Defense & Security



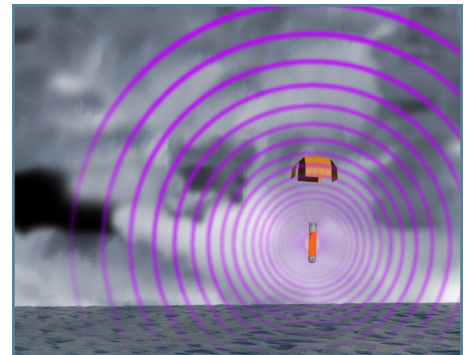
- Systems integration and optimization
 - Electrical, mechanical, and software
 - Power and battery management
- Connectivity
 - Comms (underwater-to-air, etc.)
 - Internet of Things (IoT)
 - Augmented Reality (AR)
- Sensor integration/fusion
 - Payload optimization
 - 3D location/geolocation
- Wearable technology
 - Exoskeletons
 - Wearable sensors

- Usability
 - Human-robot interaction (HRI)
 - Human factors

Program Experience

- Defense Advanced Research Projects Agency (DARPA)
- Department of Homeland Security Science and Technology Directorate (DHS S&T)
- National Oceanic and Atmospheric Administration (NOAA)
- Naval Sea Systems Command (NAVSEA)
- Office of Naval Research (ONR)
- U.S. Army Tank Automotive Research, Development and Engineering Center (TARDEC)
- U.S. Navy Naval Air Systems Command (NAVAIR)

Capabilities for Land, Sea, and Air



About Boston Engineering

Boston Engineering provides product design and engineering consulting from concept through commercialization and connectivity. Boston Engineering is also the Northeast's largest PTC software reseller and a ThingWorx IoT partner.

Certified for ISO 9001 and ISO 13485, the company's industry expertise includes commercial, defense, and medical. Founded in 1995, Boston Engineering is headquartered in Waltham, Mass.



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