



Boston Engineering's Advanced Systems Group (ASG)

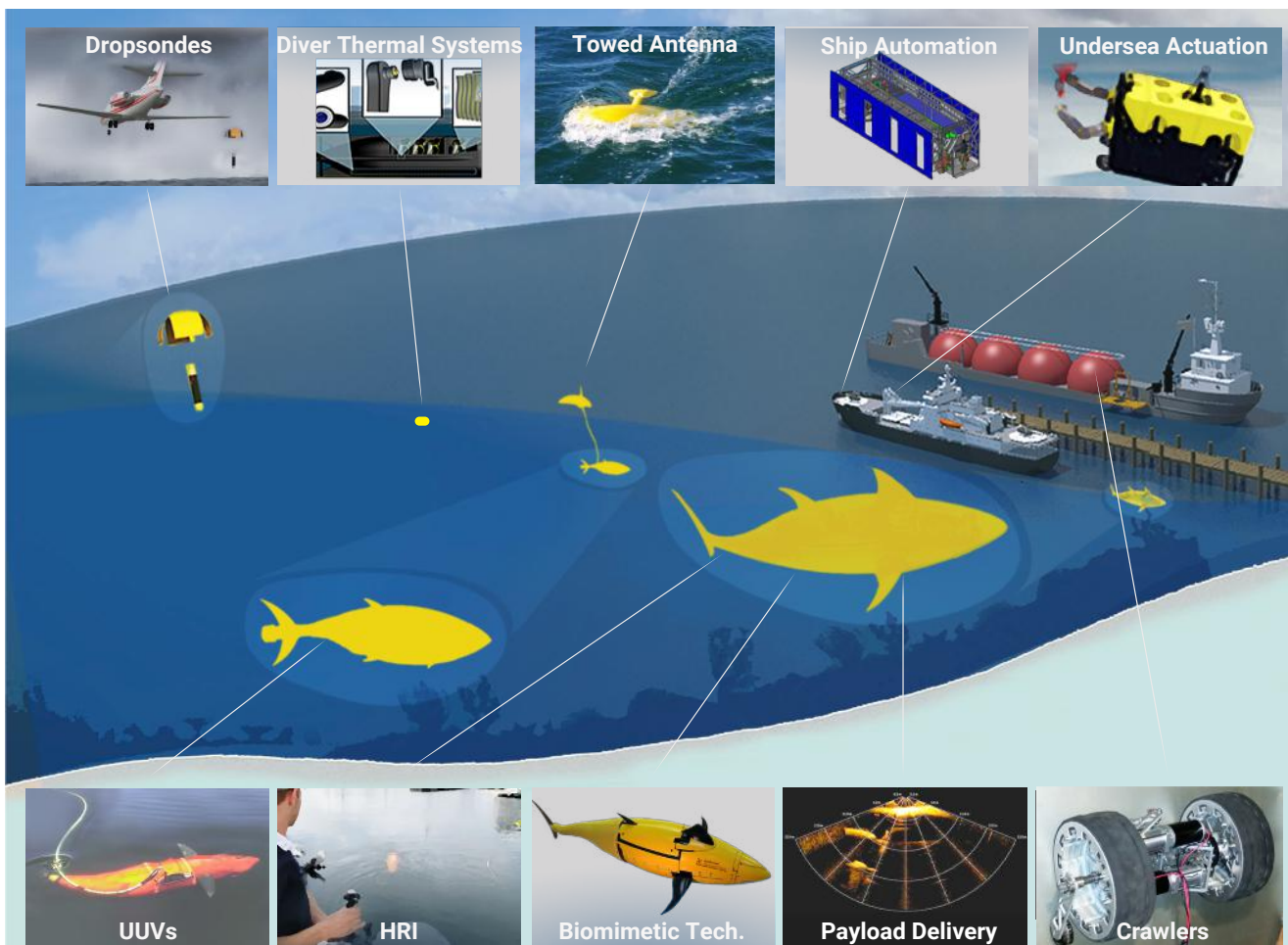
Boston Engineering's Advanced Systems Group (ASG) provides contract research and development (R&D), and has a strong track record establishing new capabilities for U.S. government and commercial organizations. ASG works closely with end users, partners, and teammates (industry and academia) to address critical capability gaps.

Innovative Systems Development

We apply expertise in robotics and custom technology to develop solutions to:

- Drive new capabilities: We enable mission-critical operations for precise inspection, live data transmission or integration, and other complex delivery requirements
- Transform existing systems: We improve efficiency, effectiveness, and also reduce maintenance and costs for current systems
- Access harsh environments: We develop highly maneuverable and novel technologies to operate in areas inaccessible by other vehicles or approaches

Capability Snapshot





BIOSwimmer™ with Towed System

Applications

Our technologies emphasize innovation for markets that require:

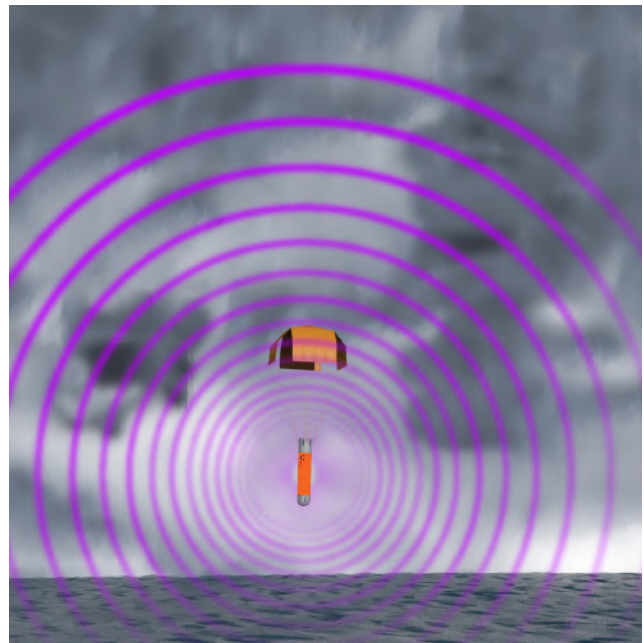
- Intelligence, surveillance, and reconnaissance (ISR)
- Port security, underwater inspection, and maintenance
- Underwater threat detection and interdiction
- Maritime systems for sensing, communication, and exploration

Core Capabilities

- Design for Manufacturability and Assembly
- Human Factors/Industrial Design
- Electro-mechanical Engineering
- Control Systems
- Connectivity/Internet of Things (IoT)
- Power Management
- Robotics
- Software

Agency Experience

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



Multipurpose Above/Below Surface Expendable Dropsonde

About Boston Engineering

Boston Engineering provides product design and engineering consulting across the entire product development process – from concept through connected product capabilities. The company's industry expertise includes commercial, defense & security, medical devices, and robotics. Boston Engineering is also an Internet of Things (IoT) ThingWorx Partner and a PTC Platinum Partner. Founded in 1995, Boston Engineering is headquartered in Waltham, Mass.



boston-engineering.com

marketing@boston-engineering.com

781-466-8010



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