You have a vision for a device that can change the face of today’s defense and security industry. At Sparton, we have the means to make it a success.

As an extension of your team, we partner with you to manage the development, design and manufacture of your device at each point of the process…from concept to after-market. From prototypes to product introduction through spare part support, we develop customized solutions that drive product innovation, cost savings, supply chain efficiencies, and improved time-to-market.

In fact, we produce multiple items related to ensuring the safety of our country’s assets and borders for the United States Departments of Defense and Homeland Security. For half a century, we’ve also been the largest provider of the world’s most advanced, military-grade underwater sonobuoys—with over 6 million delivered globally. Plus, we develop a number of products for the commercial security marketplace.

And we can do it for you.

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Discover clearly superior expertise.

Building on over 50 years as the world’s premier producer of sonobuoys, the Sparton Defense & Security Division (DS) designs, develops, and manufactures engineered products and system solutions for commercial and military customers. The U.S. Departments of Defense and Homeland Security look to us for the latest sensor devices and technological advancements for threat detection. With our vast knowledge and experience, we provide the most effective airborne ASW sensor capability available in the world today.

We also leverage our intellectual property (IP), products, and manufacturing expertise with partners from around the world to deliver electronic and electromechanical systems, subsystems, and components such as:

- Sonobuoys
- X-ray scanners for luggage, cargo, and passenger screening
- Port security systems with underwater acoustic sensors
- Chemical, Biological, Radiological and Nuclear (CBRN) air sensors integrated with other monitoring systems, such as video or infrared cameras
- Security and surveillance technologies for airports, subways, train stations, and border crossings

For 111 years, the Sparton Corporation has partnered with businesses large and small to develop new ideas. From our first steel parts forged in 1900 to today’s sophisticated electronic and electromechanical products, we’ve maintained a leadership role in the industry, providing end-to-end expertise for markets as diverse as medical, defense and security, navigation and exploration, aerospace, gaming, and more.

Innovation starts with a vision… and ends with success at Sparton.

Sparton Core Defense and Security Competencies

CORE COMPETENCIES

- Sonobuoy design and efficient packaging
- Signal processing and system integration
- Underwater acoustic sensors
- Product design capabilities for extreme environments
- Custom manufacturing of piezo-electric sensors
- Pre-amp and beam-forming technology
- Sensor array construction and deployment technology
- Sensor and communication system integration

Design and prototype capabilities allow our customers to prove out the solutions prior to full manufacturing.

As with any important mission, teamwork is key.

At Sparton, we begin by providing you with a knowledgeable and experienced project management team and staff of engineers that is second to none.

Then, we commence with issuing comprehensive reporting, MS Project Gantt Charts, and weekly teleconferences to ensure that we’re helping you reach your goal in the most efficient manner possible, while a flexible document control system allows you full access to all reporting. This makes the process move smoothly and seamlessly towards completion.

We also provide customized test solutions and implement strict quality control to ensure maximum compliance. Sparton is ISO 9001:2000 certified and meets all U.S. requirements for developing and manufacturing qualified products. Our facility constantly maintains the highest level of security clearance afforded to defense product manufacturers.

We offer our customers an extremely efficient global network, including six strategically located facilities focused on meeting our customers’ needs. This network also provides our customers with the flexibility they need to respond quickly to changes in end-market demand.

The bottom line: wherever you find yourself in the process of bringing your product to market, we have the technology and the expertise to help. See for yourself. We invite you to contact us, tour our factories, and discover what makes Sparton the obvious choice for your defense and security manufacturing needs.
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High performance, mission critical solutions from a new perspective.

Envision a seamless, proven process.

One of the first services of its kind, Sparton Express provides the means for manufacturing and testing critical aspects of your existing or new designed electronic assemblies prior to full production. We’re compatible with Proof-of-Concept (PoC) prototypes, where product design is still evolving, and Production-Ready (PR) prototypes, where final testing or certifications are the last step prior to production launch. Provide a specification for your product and we’ll handle the work of a production release.

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