



RUGGED DISPLAYS AND COMPUTING SOLUTIONS CUSTOMIZED FOR TODAY'S MISSION-CRITICAL DEFENSE APPLICATIONS

Company Overview





ArgonFDS and our custom C5ISR solutions

For 35 years, ArgonFDS has provided rugged computer and display solutions for critical defense applications. ArgonFDS offers a variety of solutions that minimize Size, Weight, and Power (SWaP) while maintaining state-of-the-art visualization and computing performance.

Custom Approach

Off-the-shelf products rarely meet the specific needs of all programs. At ArgonFDS, we integrate customization into all aspects of our design and business strategies, prioritizing collaboration with our clients to minimize technical and scheduling risks.

"ArgonFDS has a proven track record of meeting our customers' computing, display, I/O, and mechanical needs with reliable, durable, and cost-effective solutions." - Jaime Torres, VP & General Manager, ArgonFDS

Combined Experience

In 2021, ArgonFDS became part of Spectra Aerospace & Defense, enhancing our ability to support customers with a stronger business foundation and additional expertise.

ArgonFDS specializes in delivering custom and COTS rugged solutions to the global military market. We possess extensive expertise in designing and manufacturing rugged products that can withstand severe environments.

This is coupled with the market insight and technical skills critical to creating long-term, supportable designs. This depth of knowledge and experience powers our ability to deliver high-quality products with best-in-class support.

ArgonFDS operates a state-of-the-art facility in Alpharetta, GA that is AS9100 & ISO 9001:2015 certified and DFARS 252.204-7012 compliant.



Products and Platforms

C-17 Globemaster & RWS15 Portable Workstation

Supporting the C-17 Globemaster program, ArgonFDS provides Boeing with a rugged maintenance terminal for ground-support crews. The workstation gives operators a durable, reliable, state-of-the-art computing platform to host legacy and new maintenance applications.

Key features:

- 15" daylight readable, touchscreen LCD
- Intel i7 processor, hot-swappable battery, SSHD
- I/O customizable for mission-specific applications

E3 AWACS 21.3" Rugged Display

ArgonFDS has a long history of supporting the E-3 AWACS program with rugged 21.3" displays. These displays offer reduced weight and power consumption, as well as larger viewable areas compared to other display solutions.

Key features:

21.3" 1600x1200 full-color LCD display

- Optional NVG compatibility
- 65W, 17 lbs on average



SSBN 12" Rugged Display

The 12" rugged display supports the subsurface ballistic nuclear submarine program for U.S. and coalition fleets.

Key features:

- Ruggedized 12.1" aluminum enclosure (no openings) TFT LCD w/ LED backlight

Analog resistive touchscreen

- Qualified, including Mil-S-901D

E7 Wedgetail 27" Rugged Display

The 27" rugged displays are available in QHD or 4K resolution to support the E7 Wedgetail and other AEW & C programs.

Key features:

- 27" Aluminum enclosed ruggedized enclosure (no openings)
- Low weight (~18 lbs)

• 4k – 3840 x 2160 Resolution with flexible Input configurations

Unmanned Systems & Rugged Compact Computers

These durable, compact computers are designed to operate effectively in harsh conditions across various unmanned land, sea, and air systems.

Key features:

- Intel i7 Processor
- Low weight (~2.5 lbs)
- Ruggedized aluminum enclosure (no fans, no openings)



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ArgonFDS's trusted, mission-critical systems work when it matters most.



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