



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

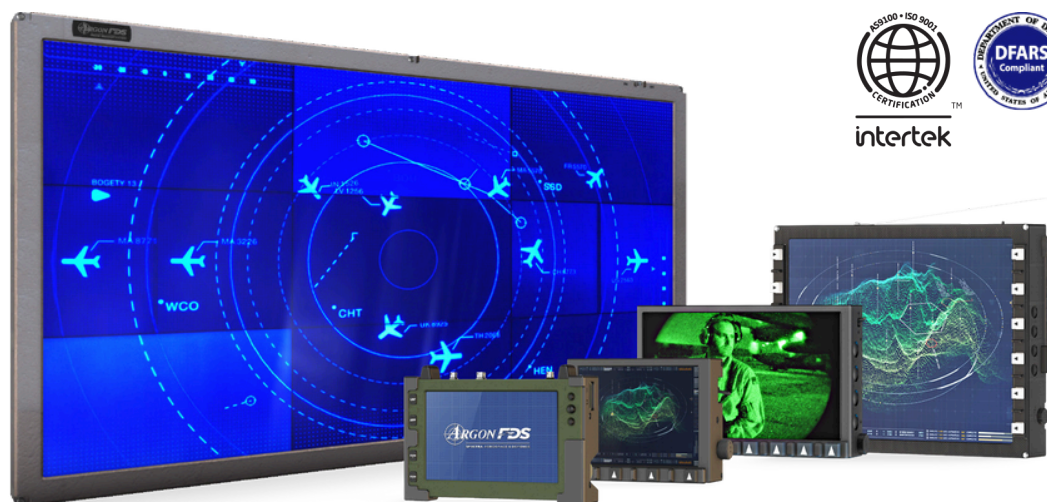
Off-the-shelf products rarely meet the specific needs of all programs. At ArgonFDS, we integrate customization into all aspects of our design and business strategies, prioritizing collaboration with our clients to minimize technical and scheduling risks.

“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.



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Featured 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

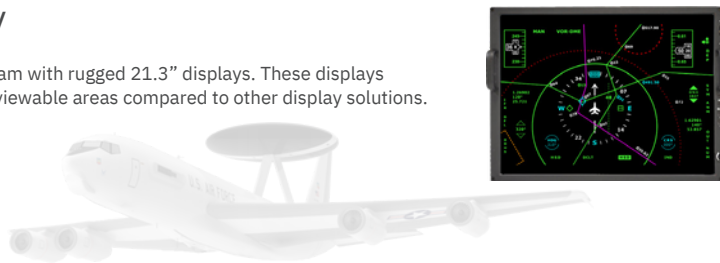


E3 AWACS 21.3" Rugged Display

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

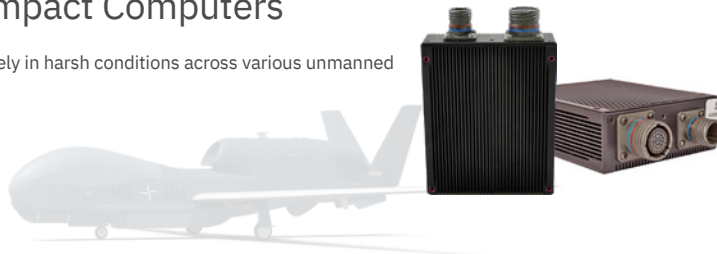


Unmanned Systems & Rugged Compact Computers

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 Products

Engineered for Excellence in Extreme Environments

For more than 35 years, ArgonFDS has delivered industry-leading rugged display and computing solutions built to perform in the world's most challenging environments. Our comprehensive product line includes displays, mission computers, tablets, workstations and peripherals — all designed with extreme durability and exceptional performance.

Trusted by military and industrial clients worldwide, our systems have proven their reliability across land, air and sea platforms. With key features like sunlight readability, NVG compatibility, and advanced touch screens, coupled with the industry's lowest Size, Weight, and Power (SWaP) specifications, ArgonFDS solutions outperform in situations where standard equipment fails. We pride ourselves on customization capabilities that allow us to meet unique challenges other manufacturers cannot, ensuring customized solutions for specific applications.

The solution portfolio includes five main product categories:

1. Rugged Displays – Industry-leading LCD displays ranging from 5.0" to 43" designed for military land, air, and sea operations. These monitors feature sunlight readability, NVG compatibility, rugged AR touch screens, diverse video inputs, and optional bezel keys and cold-start capabilities. The ARD21 exemplifies ArgonFDS's innovation with its ultra-thin design (less than 3" deep) and highest viewable surface for 19" rack mount applications. All displays can be quickly customized from an extensive design library to meet specific operational requirements and installation constraints.

2. Rugged Mission Computers – Compact, lightweight computing solutions featuring the industry's lowest Size, Weight, and Power (SWaP) specifications. These versatile systems (models ACB100, ACB200, ACB300) are ideal for dismounted operations, unmanned vehicles, and command and control systems.

3. Rugged Tablets – Smart display products that combine advanced technology with integrated computing power in a single durable package. These tablets feature sunlight readability, optional night vision goggle compatibility, and rugged AR touch screens, available in various display sizes.

4. Rugged Workstations – Desktop-class computing power in field-ready packages, available in 15", 17", and 20" display versions. These workstations deliver powerful processing capabilities alongside ArgonFDS's renowned display technology, perfect for command centers and field operations requiring significant computing power in harsh conditions.

5. Peripherals – Advanced accessory solutions that extend operational capabilities in extreme environments. The product line includes NAIP EAL4 Certified KVM Switches for secure remote computer control, Fiber Optic Transmitter/Receiver pairs for long-distance applications, and a versatile family of Rugged Keyboards featuring NVIS compatibility and integrated pointing devices. Custom peripheral options include specialized handheld controllers and video converters, all engineered to the same rigorous standards as ArgonFDS's core computing products. All ArgonFDS products are built with exceptional durability, customization capabilities, and advanced features that ensure reliable performance where standard equipment fails.

ArgonFDS Product Families



DISPLAYS



COMPUTERS



TABLETS



WORKSTATIONS



PERIPHERALS

North America

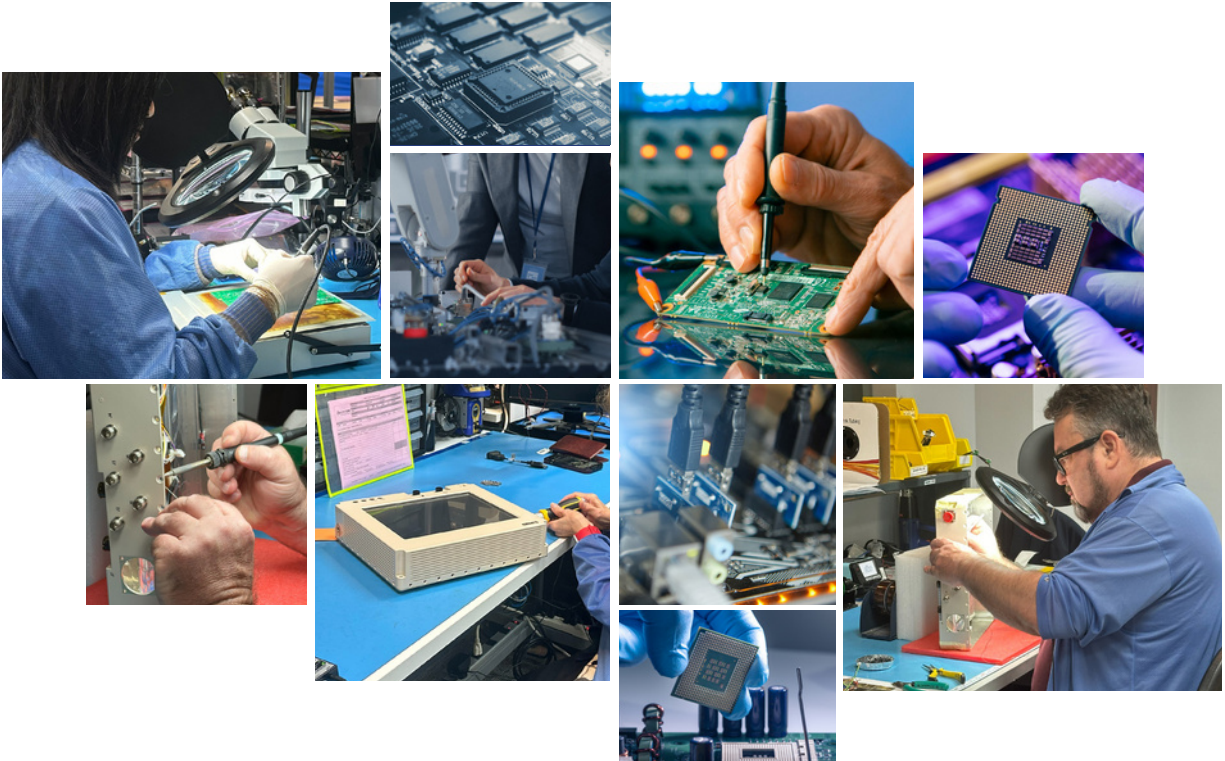
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ArgonFDS's trusted, mission-critical systems work when it matters most.



Proudly trusted by



GENERAL DYNAMICS

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