Company Overview

- **Founded:** 1988 (36+ years of industry experience)
- **Location:** Clemmons, NC, USA
- **Business Type:** U.S. manufacturer of rugged and industrial computers, monitors, and workstations
- **Financial Status:** Debt–free company
- **Manufacturing:** 100% designed, engineered, and assembled in the United States
- **Size Standard:** Small (less than 1250 employees)

Core Capabilities

- Rugged computing solutions for defense and military applications
- Industrial computers, monitors, and HMI workstations
- Deployable computing systems for extreme environments
- High–performance edge AI computing solutions
- Hazardous area equipment with certified purge systems
- Mechanical drop–in replacement designs
- Long lifecycle managed MIL–STD and industrial products

Military Standards Supported

- **MIL–STD 810:** Temperature, humidity, shock, and vibration resistance
- **MIL–STD 901:** Shock resistance of shipboard equipment
- **MIL–STD 167:** Vibration resistance of shipboard equipment
- **MIL–STD 461:** Electromagnetic interference (EMI) shielding
- **MIL–STD 1275:** Power input requirements for military vehicles
- **MIL–STD 3009:** Night vision imaging systems (NVIS) compatibility
- **CFTO D–03–003–007/SG–000 Part 1**

Certifications and Compliance

- **ITAR Registered:** International Traffic in Arms Regulations
- **ISO 9001:2015 Certified:** Quality management system
- **BABA Compliant:** Build America, Buy America Act
- **NDAA Compliant:** National Defense Authorization Act Sections 889(a)(1)(A) and 889(a)(1)(B)
- **RoHS 3 Compliant:** Restriction of Hazardous Substances directive
- **TAA Compliant:** Trade Agreements Act
- **CID2 Hazardous Area Certified:** UL60950–1, ANSI/ISA 12.12.01–2013, CSA C22.2 No. 213–M1987

Key Product Lines

- **All–Weather:** IP67/NEMA 6 protection, –40°C to 70°C operation
- **Bolt (Ai):** Edge AI computers with up to 128 GB RAM, IP67 protection
- **Cubes:** Rugged small form factor computers, MIL–STD compliant
- **DiamondVue:** Industrial computers and monitors, C1D2 hazardous area options
- **FieldStation:** 15″ portable military computers, IP67 protection
- **ToughStation:** Fully sealed systems for washdown environments, hazardous area options
- **WeighStation:** Vehicle weigh scale operator interface

Technical Specifications

- **Maximum Operating Temperature Range:** –40°C to 80°C
- **Protection Ratings:** IP30 to IP67, NEMA 4 to NEMA 6
- **Display Options:** 6.5″ to 43″ screen sizes, up to 1800 nits brightness
- **Connectivity:** MIL–DTL 38999 connectors, 4G–LTE, fiber, Wi–Fi options
- **Security Features:** Trusted Platform Module (TPM) 2.0, removable computer options, RFID, biometric readers, custom connectors, locks

Past Performance History

- **Confidential U.S. Sea–Based Operations End User / Defense Contractor:** Rugged control displays for managing shipboard machinery aboard combat support vessels
- **Confidential U.S. Land–Based Military Branch:** Ruggedized touch screen control displays with function buttons for upgrade of mobile tactical shelter
- **Confidential U.S. Border Security Entity:** Hardened outdoor large screen monitors on articulating mounts for enhanced visual ID at a border checkpoint
- **Confidential U.S. Government Space Operations Entity / Major Aerospace Integrator:** CID2–certified industrial monitors for rocket fueling control station in hazardous area
- **Confidential U.S. Government End User – Border Security Operation / Surveillance Technology Provider:** Weatherproof outdoor AI–enabled computer for identifying targets at long distances

Company Information

NAICS Codes

- **334111:** Electronic Computer Manufacturing
- **334118:** Computer Terminal and Other Computer Peripheral Equipment Manufacturing
- **334513:** Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables

Registrations

- **Fed ID:** 84-1104385
- **DUNS:** 840912190
- **CAGE:** 0ZE75
- **ITAR Registration:** M26167
- **UEI:** Q7V9NFM353J4

Differentiators

- Complete U.S. engineering, manufacturing, and assembly
- ITAR registered for defense applications
- Custom engineering and rapid prototyping capabilities
- 15+ years average Project Manager tenure
- Lifecycle support extending to and exceeding 10 years
- 3–year new product warranty
- 45,000 square foot production facility in Clemmons, NC
- Class 10000 clean room
- Revision–controlled, purpose–built industrial grade components