



Chemicals Industry Capability Statement

Industry-Leading Hazardous Area HMI Solutions

VarTech Systems delivers computing solutions specifically designed for hazardous chemical environments. Our C1D2-certified and purge-protected systems ensure operational reliability while maintaining strict safety standards.

Built for Chemical Processing

Our industrial PCs and monitors withstand harsh conditions common in chemical plants including corrosive substances, temperature extremes, and frequent washdowns. NEMA 4X and IP66 protection prevents damage from chemicals, dust, and moisture, ensuring continuous operation.

Compliance and Regulatory Support

Our computers help maintain regulatory compliance through reliable process monitoring and documentation. They protect your proprietary processes and sensitive operational data while supporting EPA and OSHA compliance requirements.

Dedicated to Operational Excellence

With 35+ years of experience, we provide comprehensive project support for the chemicals industry. Our customized solutions offer extended temperature ranges, specialized mounting options, and seamless integration with existing infrastructure.

Use Cases:



Hazardous Areas

VarTech's C1D2-certified and purge-protected (Type-X and Type-Z) computing solutions enable safe HMI operation in settings with flammable gases, vapors, or dust.



Monitoring Systems

Our large-format displays of up to 43" provide comprehensive process viewing for control rooms and production floors, enabling operators to manage multiple systems from a single interface.



Quality Control Labs

Corrosion-resistant stainless steel DiamondVue and ToughStation computers, monitors, and workstations withstand frequent sanitization procedures with front sealing and fully sealed designs.



Outdoor Chemical Processing

Our weatherproof NEMA 4X and IP66 products monitor and control outdoor chemical processing equipment despite rain, snow, dust, wind, and humidity. High-bright displays maintain readability in direct sunlight.

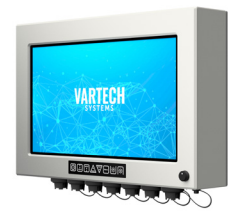
The VarTech Standard:

- Best-in-class engineered solutions: Tailored to any application
- Built-to-spec customization: Countless features and packages
- End-to-end project support with a dedicated Project Manager
- Industrial-strength protection
- Made in the USA: Engineered, fabricated, and assembled in NC
- Order size flexibility: No minimum quantity
- Robust product portfolio
- Short lead times: Vertical integration allows 4-6 week lead times
- Unrivaled durability: Only the highest quality components

Key Products:



DiamondVue: C1D2-certified panel mount computers and monitors.



ToughStation: NEMA 4X and IP66 fully sealed industrial computers and monitors.



ToughStation Workstation: Safe operator interface for hazardous areas.



ToughCube: IP67 small form factor computer for reliable operations.



Purge-Protected ToughStation: Large displays built for C1D1, C2D1, and C2D2.



Bolt (Ai): Fully sealed Edge AI computer for extreme environmental conditions.

Trusted by:



Product Differentiators:

- 3-year warranty
- NEMA 4X and IP66 protection: Keeps out dust, water, and prevents corrosion.
- Edge AI software compatible
- Extreme temperature resistance: -40°C to 80°C, depending on product line
- Hazardous area-ready: C1D1, C1D2, C2D1, and C2D2
- High-bright sunlight-readable displays
- Peripherals to enhance functionality and safety
- Small form factor PCs for tight spaces
- Rugged touchscreens: PCAP, resistive, resistive ArmorTouch
- Wide range of display sizes: 6.5" to 43"

Company Reference Codes:

NAICS Codes: 334111, 334519, 357501

UEI: Q7V9FM353J4

Fed ID: 84-1104385

DUNS: 840912190

CAGE: 0ZE75

ISO 9001 Certification: 526198

