



Automation Industry Capability Statement

Process Visualization and Monitoring

Our high-resolution displays give operators clear insights into production status, reducing errors and improving response times.

Industrial Network Compatibility

VarTech Systems provides seamless integration with automation networks, including Modbus, Ethernet/IP, and PROFINET for streamlined communication and system coordination

Remote Monitoring and Diagnostics

Our systems support remote access, allowing operators to monitor performance and diagnose and fix problems from any location, reducing downtime and maintenance costs.

Flexible Integration Options

VarTech's products feature customizable mounting options, touchscreen configurations, and I/O compatibility, ensuring flawless integration into complex automation systems.

Real-Time System Control

Our industrial computers and monitors deliver immediate data feedback and responsive control, allowing operators to quickly adjust settings and optimize production processes. This ensures faster reaction times and improved overall efficiency in automated environments.

Use Cases:



Robotic Assembly Lines

Our industrial computers, monitors, and workstations provide real-time control and monitoring of robotic arms and automated machinery, ensuring precision and consistent production.



Material Handling Systems

VarTech's products deliver real-time control over material flow with operator interface terminal systems that monitor conveyor speeds, track inventory movement, and automatically adjust sorting parameters.



Machine Tending and CNC Operations

Our Workstations and HMIs provide intuitive operator interfaces for CNC machines and automated lathes, improving setup times and production accuracy.



Packaging and Labeling Automation

Our robust touchscreens and industrial computers empower users with precise control over automated packaging and labeling processes, leading to significant reductions in waste and substantial improvements in accuracy.

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:



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



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



DiamondVue: Panel mount monitors and computers.



PowerCube: Powerful small form factor PC with shock mounting options.



ToughStation Workstation: Safe operator interface for hazardous areas.



ToughStation: NEMA 4X/IP66 computers and monitors with large displays up to 43".

Trusted by:

Honeywell

SIEMENS

wesco

Johnson Controls

YOKOGAWA

Product Differentiators:

- Built to meet IP66, IP67, IP68, NEMA 4X, and NEMA 6: Fully sealed to withstand water and humidity
- Touchscreens: Work with gloves and wet hands for easy operation
- Custom configurations: Tailored mounting, I/O ports, and touchscreen options
- High-bright displays for clear visibility in bright environments
- Wide Temperature Range: -40 C to 80 C, depending on product line
- Seamless automation integration: Optimized for use with PLCs, SCADA, and industrial networks
- EMI and RFI Shielding: Protected against electromagnetic interference from machinery
- Fast data processing: High-performance computing for real-time control and decision-making.

Company Reference Codes:

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