Mining Capability Statement

Extreme Environment Durability
VarTech Systems' rugged computers, monitors, and workstations are built to operate in the most extreme conditions, providing reliability in hazardous environments.

Safety-Centric Design
Each unit is fabricated out of 316 stainless steel or powder-coated aluminum for increased durability and longevity. We offer a wide variety of connector, cable, and rugged component upgrades to ensure smooth operation in the harshest of mining applications.

Bespoke Solutions
Our products are fully customizable to meet specific operational and application needs to ensure compatibility with existing systems and instruments to ensure a smooth transition.

Proven Reliability
VarTech Systems provides safety and dependability with revision-controlled products and product support lifetimes of 15+ years.

Use Cases:

Surface Mining
Rugged computers and monitors with available shock and vibration resistant components ensure continuous operations near heavy machinery or on moving vehicles.

Underground Mining
Ultra-rugged HMIs with available protective doors facilitate safe and resilient operations in challenging underground mining conditions.

Mineral Processing
AI-ready computers and cutting edge monitors optimize control and monitoring processes, improving productivity and accuracy in mineral processing.

Resource Exploration
Comprehensive computing and monitoring solutions for exploration projects including geological surveys, data analysis, and environmental impact studies.

Trusted by:

ArcelorMittal

BARRICK

DYNO Dyno Nobel

The VarTech Standard:

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

Company Reference Codes:

NAICS Codes: 334111, 334519, 357501
UEI: Q7V9FM353J4
Fed ID: 84-1104385

DUNS: 840912190
CAGE: 0ZE75
ISO 9001 Certification: 526198

Key Products:

Bespoke designs: A custom DiamondVue solution

All-Weather: Rugged, fully sealed IP67/IP68 computers and monitors

ToughStation: Fully sealed industrial computers and monitors

Hazardous Area Workstations: Purge systems for C1D1, C1D2, C2D1, and C2D2

WeighStation: Weigh scale HMI kiosk for vehicles

Bolt (Ai): Industrial edge computer with IP67 sealing

Product Differentiators:

- 3-year warranty (extended warranties available)
- Bespoke designs
- C1D2-certified and purge-protected products
- Conformal coating of circuit boards, isolated grounds
- Edge AI computing solutions
- Energy-efficient designs, full-range dimming (to black)
- Fiber optic networking/extensions
- Fully sealed enclosures built to meet IP66, IP67, and IP68 standards
- High-bright sunlight-readable LCDs/displays
- Large format screen for doghouse/overseer rooms
- NEMA 4X 316 stainless steel enclosures
- Protection against extreme temperatures, EMI, and corrosion
- Shock and vibration protection for heavy-duty mobile ops
- Removable computer and/or SSF
- Vandal-proof screen options, including touchscreens
- WiFi, Bluetooth, and 4G-LTE connectivity for remote locations

VARTECH SYSTEMS

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