COMPANY BROCHURE

VARTECH SYSTEMS INC.

A US OWNED SMALL BUSINESS SPECIALIZING IN MANUFACTURING OF
RUGGED INDUSTRIAL AND COTS MILITARY GRADE FLAT PANEL DISPLAYS
AND COMPUTER WORKSTATIONS

WWW.VARTECHSYSTEMS.COM
CRITICAL MISSIONS

DEMAND HIGH PERFORMANCE PRODUCTS
ABOUT US

VarTech Systems Inc is a leading manufacturer of ruggedly built displays, LCD/computers, workstations, and computer solutions designed to perform in harsh environments and demanding applications. Our comprehensive line of built-to-comply NEMA/IP rated, and Class 1 Div 2 (certified) / Class 1 Div 1 display and computer products span a multitude of mechanical configurations and a choice of many ruggedized optional features with screen sizes ranging from 8.4” to 55”. Environmentally protected designs ensure continued performance and reliability under severe working conditions while industrial grade components allow VarTech’s products to execute mission critical task at optimal performance.

Since 1988 VarTech has supported customers and allies from around the globe with our hardened, field proven displays and computer products making the VarTech brand synonymous with “industrial grade”. As a vertically integrated company, we bring all levels of production under one umbrella. From customer consultation, research, design and engineering to metal fabrication, assembly and testing; VarTech achieves unprecedented quality control in the product development process and proudly carries the “Made in America” label.
THE PROCESS

CUSTOMER NEED
It all starts with a plan. We build products that our customer’s need. Whether it is a large format monitor or small integrated smart display, VarTech’s consultants and engineers work with your end product in mind.

ENGINEERING DESIGN
Sophisticated design and engineering tools allows VarTech to handle very complex designs with minimal time and NRE cost to you, our customer. 3D design and state of the art equipment; ready to go!

PRECISE MANUFACTURING
Revision controlled components and CNC/Laser cut materials are just the beginning. Class 1000-10000 clean rooms and decades of experience provide a precision product, everytime.
QUALITY
SHINING A LIGHT ON QUALITY PRODUCTS AND CUSTOMER SERVICE
ISO 9001:2015 CERTIFIED

By adopting stringent quality standards, VarTech Systems Inc. can assure absolute excellence when our customers purchase a product or service. To further assure that our customers’ needs and expectations are met, we adhere to set standards, quality objectives, continual improvement, and monitoring customer satisfaction.

We have implemented plans for: Policy, Procedures, Work Instructions, Corrective Action, Preventive Action, Design Control, Document Control, Statistical Process, and Management Review. Adopting these measures have provided us with significant reductions in operating cost, and increased demand for our products and services. Additional benefits include better working conditions, increased market share and increased profits.
PUSHING TOWARD PERFECTION

28 years of experience designing and building monitors and computer workstations; VarTech is always pushing forward to create the best products that meet your functional requirements.
MULTIPLE CHASSIS’

Whether you are filling a cutout in an enclosure or console, or integrating into a kiosk, VarTech offers several mechanical designs (panel, rack, open-frame, VESA, desktop, etc...) and screen sizes to fit your specific application. Contact a specialists to discuss your unique requirements.

MULTIPLE OPTIONS

Power sources, video inputs, and touch screen choices are numerous. Don’t settle for any standard product and then figure out how to make it work with your system. Consult with VarTech on the front of your project to configure a product that matches to your system allowing for an easy and hassle free installation.

TALK TO US FIRST SO YOU DON’T HAVE TO CALL US LATER!
VISIONARY PRODUCTS

**DIAMONDVUE**
VarTech’s core product line consisting of rugged displays for industrial applications. Rack, VESA, Panel, Open-Frame, and desktop configurations available.

sizes: 8.4” to 55”

**ENCLOSURE**
- ALUMINUM
- STAINLESS STEEL

**CRYSTALVUE**
When only the best and brightest will do. Actively enhanced LED backlights and VBOND optical bonding produce a leading sunlight-readable LCD and AIO.

sizes: 8.4” to 32”

**ALL-WEATHER**
IP67 LCD and All-in-One touch computer solutions with full sunlight-readable screens and ultra wide temperature range.

sizes: 8.4” to 15”

**COLORVUE**
Competitively priced industrial LCD monitors. Beyond commercial and designed for light industrial installations.

sizes: 15” to 19”
SOLUTIONS

TOUGHSTATION
Rugged LCD computers, workstations, and thin clients. An extensive line of NEMA 4/4X LCD computer products used in a variety of industrial applications.

size: 8.4” to 32”

HAZARDOUS
Fully sealed Class 1/2 Division 1 Zone 1/21 purge workstations, Class 1 Division 2 non-purged fully enclosed and panel mount computers and LCD monitors.

size: 10.4” to 21.5”

POWERVUE
VarTech’s Marine computer monitors and pilot house displays meet the demands of IEC 60945 to withstand harsh maritime environments.

sizes: 17”-24”

PHANTOM
Designed for durability, reliability, and optimal performance in extreme military installations. Shock, Vibration, EMI are considered in this product family.

sizes: 8.4” to 24”
LET VARTECH SYSTEMS SOLVE YOUR CHALLENGES.
WE SOLVE
WELCOME
RENTAL SYSTEM

1 HOUR $5.00
2 HOURS $8.00
4 HOURS $14.00

THANK YOU
WHAT ARE YOUR

LEGACY SUPPORT
In the ever changing world of industrial displays and rugged computing, end users often find themselves having to adapt their needs to new or existing technology and/or hardware while keeping overall mechanical designs the same. With over 28 years of industry knowledge, VarTech has the experience necessary to provide our customers with solutions for the most demanding application, design and mechanical requirements.

ENVIRONMENTAL
Harsh and demanding applications require robust hardware capable of dependable operation in challenging environments. Often computers and displays will be exposed to elements or conditions that can hinder performance and even compromise the units operation. Choosing the properly protected LCD display and/or computer can be crucial when providing a barrier between your equipment and possible dust, dirt, chemical or liquid penetration.

TOUCHSCREEN
VarTech’s touch solutions incorporate the latest technologies including Resistive, Capacitive, SAW, Optical and Projective Capacitive. We provide a wide range of touch solutions for various applications. Armor Touch Screen for durability in all weathers, Resistive Touch for industrial process and machine control that are subject to wet environments, liquid splashing or functioning with gloved hands. Capacitive Touch Screens when image clarity is important.
CHALLENGES?

CONNECTORS & CABLES
Application Specific Connectors and Cable Assemblies Built to Meet Your Mechanical and Environmental Conditions. When designing a display or computer system, integration can be one of the trickiest areas to define. Specifically, cable and connection challenges occur when attempting to meet certain specifications or match existing technology. From design integration to performance and quality, VarTech Systems expert staff can provide the best solution optimized to meet your exact requirements.

COLD WEATHER
Without proper protection, cold weather and extreme temperature changes will affect performance and shorten the life of a display. Frost, condensation and cold air can damage and distort a display’s LCD screen, and cause internal components to corrode or short circuit. VarTech offers a variety of low temperature protection solutions that enable our rugged displays to operate in harsh conditions.

POWER SOLUTIONS
Rugged, industrial grade power supplies, proven reliable and built to handle the most extreme conditions. VarTech manufacturers all of our products with industrial grade revision controlled components and heavy duty power supplies that are rated for extreme demands, harsh environments and continuous use. Internal power supplies and field serviceable fuses are standard features on VarTech’s LCD/Computers and Displays. Whether you require a specific voltage interface or special means to connect to your existing power systems, VarTech offers the widest variety of power interface solutions in the industry.
WHAT OTHERS HAVE DONE WITH OUR PRODUCTS

APPLICATIONS
VISIT OUR WEBSITE

www.vartechsystems.com

This is where it BEGINS
VarTech offers a wide variety of ACP enabled thin clients as part of our rugged workstation and computer family product lines. The sustainable and scalable ThinManager Ready platform enables centralized management, enhanced security, and reduced support requirements for VarTech's hardened thin client devices in industrial, factory floor, plant operational, and hazardous area locations.

Our thin client products are designed to meet the demands of these, and various other challenging environments. Built with industrial grade components, our thin clients offer a wide variety of connectivity options, and are designed for continuous use in demanding applications. Special fully sealed solutions, low temperature, and variable power input capabilities solve a diverse list of specialized requirements.
VarTech Systems Inc. provides LOW COST, RAPID INDUSTRIAL MONITOR REPAIR (usually 1-3 day turnaround time) or total refurbishment of industrial grade CRT monitors and LCD flat panel displays from low-resolution monochrome to high-resolution color. Our repair capabilities include picture tube or LCD replacement, integrated high voltage flyback replacement, board and component level repairs, and full factory remanufacturing.

Although the LCD market has superseded Cathode Ray Tube (CRT) technology, there are still a large number of processes and applications that utilize CRTs as the main means of display and communication between the operator of machinery and the process. But CRTs are extremely heavy, occupy large volumes and consume relatively large amounts of electricity. Additionally, original CRT manufacturers have migrated production to current technology LCDs. So, locating available usable CRTs has proved to be very difficult if not impossible.

With many industrial/medical/military applications, these CRT monitors are embedded in the equipment they supervise and/or control which makes upgrade difficult and sometimes impossible. Their unique shape, screen size, mechanical format and communication interface can be vastly different than current LCD technology models. More often than not, substantial modifications to the customer’s host equipment are needed which can be costly, inefficient or even impossible. Another distinct problem lies in communication between the much older host equipment and the new LCD display. Typically, current LCD communication protocol will not interface with the host equipment which might be 10-30 years old.
CONTACT US

SALES AND MARKETING OFFICE
11422 INDUSTRIplex BLVD
Baton Rouge, LA 70809

Toll Free: 1.800.223.8050
Intl: 001.225.298.0300
Fax: 001.225.297.2440
Email: Info@VarTechSystems.com

Web: VarTechSystems.com