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GOVERNMENT CONTRACTOR

VT Milcom

FLEET AND
SHORE-BASED
C⁴ISR SYSTEMS

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FLEET AND SHORE-BASED C⁴ISR SYSTEMS

"The tremendous effort of VT Milcom personnel in successfully accomplishing the IT21 Upgrades within the prescribed timeframe and budget on USS Raven (MHC 61) portray this install as 'One of the Best' and your attention to detail and personnel pride introduced into this job makes it a 'Centerpiece'..."

SPAWAR Ship Superintendent
SSC-Charleston, St Juliens Creek
Detachment, Portsmouth, VA

"VT Milcom's installation and testing of RF filters in this Station's Antenna System was absolutely superior ... if this is a typical representation of your company, then you have probably one of the finest companies in the business..."

Station Manager
NAVSPACECOM Field Station
Hawkinsville, GA

"VT Milcom's employees did their work at the highest levels of professionalism. They worked diligently, often after hours, were extremely cooperative and friendly with the crew, and were flexible and accommodating to the ship's schedule. In short, on a scale of 1 to 10, each one is an 11! You must be proud to have such impressive and professional individuals working for VT Milcom."

Commanding Officer
USS Chosin (CG 65)

Through technological advances, the world has become smaller. We want connections to be made instantaneously whether it's across the globe, ship-to-ship, ship-to-shore, or base-wide access among tenant commands. And our need for information collection and exchange continually increases. Always searching for more, faster, farther. When the Department of Defense has needed Command, Control, Communications, Computer Intelligence Surveillance and Reconnaissance (C⁴ISR) systems and subsystems worldwide, they have called on VT Milcom.

For more than two decades, VT Milcom has provided program management, equipment acquisition, modification and fabrication, installation, testing and documentation for:

- Surface Ship and Submarine C⁴I Systems
- Multi-Service Shore-based Communication and Operations Centers
- Intelligence Systems
- Cryptographic and Cryptologic Systems
- Electronic Warfare and Navigation Systems

We have supported entire US Navy Battle Groups, Flag Ships, individual ships and submarines, and shore-based C⁴ISR systems throughout the world. We have upgraded and modernized C⁴I systems for the US Joint Forces Command Headquarters; US Army, Navy and Air Force Commands; US Coast Guard Districts and Groups; and at more than 150 Department of State embassies worldwide to name a few.

Our accomplishments include:

- Recognition as the premier implementer and installer of large deck Navy C⁴I LANs
- Installation of integrated C⁴I systems aboard every Class ship in the Navy inventory as well as onboard every ship of its Class
- The first SPAWAR contractor to install combined C⁴I alteration packages

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SUBMARINE COMMUNICATION SYSTEMS

"I want to thank the VT Milcom Team for their hard work in making the USS Augusta IDD SOVT successful while in Electric Boat Shipyard. It is refreshing to work with a team of such experience and professionalism that produced breakthrough results during this installation."

EHF SATCOM Branch
SPAWARSYSCOM Charleston, SC

"From the start, you expertly coordinated eight major ShipAlt Teams and developed a core Installation Team which was key in the successful completion of this important task. Despite obstacles such as two major Hurricanes, and a shortening of submarine availability, your personnel remained focused ... These efforts reduced the serial impact of installations from over 120 days to under 70 days, greatly reducing the impact on Sailor Quality of Life and the ship's operating schedule."

COMSUBLANT, Norfolk, VA

"VT Milcom did an outstanding job of setting up a cohesive working relationship with all parties involved during USS Cheyenne's Post Shakedown Availability. Your tenacity, attention to detail, and aggressive pursuit of all problems ensured a quality system development and installation for the US Navy. Well done!"

Supervisor of Shipbuilding
Conversion and Repair
USN, Newport News, VA

The US Navy's submarine force has played a number of roles throughout history in both war and peace: attack, surveillance, commando insertion, research and nuclear deterrent. They patrol the world's oceans — monitoring enemy hostile actions, intercepting electronic communications and gathering information.

VT Milcom has been working with the US Navy since 1990 in support of the submarine fleet. Our assignments have been to develop and design the exterior communication system Ship Alterations (ShipAlts) aboard the Los Angeles Class Fast Attack Submarines. Our services have included development of engineering drawings and evaluations, preparation of equipment technical performance specifications, technical acceptance and training, restoration, repair, overhaul, modification, conversion and fault isolation, installation and more.

We are the first contractor in support of SPAWAR to install combined alteration packages. In this effort our goals have been to increase installation quality, minimize impact on ship's schedule and reduce material waste.

Our accomplishments towards these goals have included:

- Development and implementation of an Alteration Installation Team (AIT) kit preparation process that greatly reduces on-site installation time
- SPAWAR innovations that currently serve as a baseline for performance and savings throughout the naval procurement infrastructure and are a benchmark for contracts awarded under "Best Value" criteria

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COMBAT SURVEILLANCE SYSTEMS

"VT Milcom successfully installed and made operational Navy Standard Integrated Personnel System (NSIPS) hardware, SDS-4.0 and UMIDS software. I appreciate VT Milcom's superb support in ideal placement and mounting of the system printer. Well done!"

Commanding Officer
USS Wasp (LHD 1)

"NSIPS hardware and SDS-III A and UMIDS software were successfully installed with an installation that was conducted both professionally and expeditiously. Coordination of events within the ship's operational schedule by VT Milcom's team is greatly appreciated!"

Commanding Officer
USS Nicholson (DD 982)

"I would like to recognize three areas. First, in the relocation of a temporary Windows-NT LAN from a pre-commissioning building in Bath, Maine to the ship - in the dead of winter and with no loss of productivity to the crew. HIGGINS was the first ship to accomplish this due to your assistance. Secondly, in a transfer of the unclassified network to a barge for use during our PSA. Once again, the ship was able to complete this large tasking with minimal impact on functionality. Finally, you provided many changes that the ship requested to improve our network functionality as well as hardware to support many new upgrades that the ship received during PSA. HIGGINS is a more capable platform thanks to the hard work and dedication of VT Milcom. A truly professional job!"

Commanding Officer
USS Higgins (DDG 76)

Terrorism. World conflict. Homeland security. This is the reality of our world today. At VT Milcom, we support the Department of Defense, US Navy, and other Special Agencies with professional services for the development of surveillance systems that collect, collate, analyze, and disseminate data – quickly and accurately. These have included Cryptologic and Direction Finding (DF) systems along with special communication systems.

Our engineering services include analysis, prototype design and testing, site surveys and plans, installations, upgrades, modifications, restoration and removal of systems and equipment, systems life cycle management and logistic support, video teleconferencing, training, LAN/WAN design and administration, and Cryptologic support measures.

VT Milcom provides ShipAlt engineering, installation and drafting services in support of Cryptologic/Information Warfare (IW) Exploitation Programs that include, but not limited to:

- Privateer Patrol Coastal Threat Warning System
- Privateer Mark V Threat Warning System
- Ship Signal Exploitation Equipment (SSEE)
- Battle Group Passive Horizon Extension System (BGPHEs)
- TAGOS Collection Systems
- New Construction Platform (LPD 17, CVN76, etc.)
- Ship Signal Exploitation Space (SSES) Systems
- Cryptologic Carry On Program (CCOP)
- Tactical Airborne Reconnaissance Pod System (TARPS)
- Naval Sensor System Interface (NAVSSI)
- Common High Bandwidth Digital Link (CHBDL)
- Cooperative Outboard Logistics Update (COBLU)
- Combat Direction Finding (CDF)
- Transportable Radio Direction Finding (TRDF)
- Special Intelligence-Advanced Digital Network System (SI-ADNS)
- Cryptologic Unified Build (CUB)

VT Milcom has provided engineering and technical support solutions for Air Traffic Control (ATC) projects at every Naval and Marine Corps Air Station in the world.

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AIR TRAFFIC CONTROL SYSTEMS

"You've become our 'Ambassadors to the Air Force'. Your identification, resolution and coordinated solutions to the potential problems are routine, taking hours instead of days. You've made possible what the Government had hoped to accomplish on the contract: the ideal integrated product team."

38th LS/LGCVE
Tinker AFB, OK

"... you completed the project flawlessly ... you provided us with your very best effort, initiating tenacious determination when others would opt for a far lesser level of effort."

Director, C4 Systems, USTRANSCOM
Scott AFB, IL

"VT Milcom provided outstanding support of the Moody AFB Radar Approach Control relocation effort. This top-notch installation reflects well on the professionalism and expertise of your personnel who provided dedication and many hours of hard work."

347th Communications Squadron
Moody AFB, GA

For the past two decades, we have served the US Navy, the US Air Force, and the Federal Aviation Administration (FAA) on assignments that have included:

- Engineering and Installation of Air Surveillance Radars (ASR) and Precision Approach Radars (PAR)
- Upgrades of Radar Approach Control (RAPCON)
- Modernization of Air Traffic Control Tower (ATCT) facilities
- Engineering, Installation and Testing of RF Communication Systems, Network Systems, Switching Systems, Distribution Systems and Security Systems

Our services include:

- Site Surveys
- Geodetic Surveys and Analysis
- System Configuration Design Plans and Reports
- Installation Design Plans
- Installation and Acceptance Plans
- Installation, Test and Certification of Towers, Antennas, Waveguide, Cables and Equipment
- Flight Checks and Overall System Checkout
- Integrated Logistics and Life-Cycle Support (Reliability-Centered Maintenance Analysis, Phase Support Plans, Maintenance Plans and Technical Manuals)
- Software Support and Development
- Configuration Management

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INFORMATION TECHNOLOGY SYSTEMS

"For a three month period, NNSY suffered through unbearable network problems ... VT Milcom stepped in and outperformed the 'experts' and made the problems disappear. Your tenacity, performance and dedication were outstanding."

Technical & Systems Support Branch
Norfolk Naval Shipyard, VA

"As a direct result of your efforts, our Command now has a state-of-the-art communication and computer system, serving over 1,500 satisfied customers."

Commanding Officer, Naval Station
Everett, WA

"The status of the T-1 capability on the piers at Naval Station Mayport has received much high level interest ... and today I look like a hero to my Commanding Officer, Admiral staffs, and Echelon II commands in three directions. The credit goes to the people of your company and I wanted to make sure you knew of the outstanding job that all VT Milcom personnel have done."

IT Director
Naval Station Mayport, FL

The effective transfer of information – sending and receiving, can make all the difference in the outcome of any task. That's why at VT Milcom we focus on solution oriented planning, design, installation, and testing solutions for information technology systems.

We provide a full spectrum of network solutions from single drop LAN extensions to complex client servers and multiple location networks along with everything in between: The result is network availability, on time functional accuracy, and dependable operation.

Turnkey. Ready for immediate use or operation. At VT Milcom, we bring all the components together to provide our clients a turnkey system. When we have completed an assignment, our clients are operational. That means there's more than technology involved.

- Our work approach includes on-site project management with experienced team leaders and professionals and technicians who are fully certified in all the network systems.
- Our team members are trained in specialty programs conducted by the nation's leading cable manufacturers so that we can offer our clients extended warranties for their network infrastructure.
- Our BICSI-certified engineering and technical personnel work closely with clients to develop their IT solutions. Immediate needs are met and solutions developed to exploit future technological advancements in Structured Cabling Systems, Security and Surveillance Systems, Health Care Communication Systems, Video Conferencing Systems, Electrical Systems, and Network Integration Systems.

VT Milcom is licensed in Alabama, California, Florida, Georgia, Mississippi, South Carolina, and Virginia (with reciprocity in Maryland and North Carolina) for the design and installation of network systems (LANs/WANs and wireless), switching systems, and distribution systems.

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FABRICATION AND MANUFACTURING SERVICES

Our Product Catalog allows you to quickly determine fabrication requirements and obtain accurate cost estimates. It eliminates the need to design and draw the item for the fabrication facility to manufacture. It allows dimensional and material changes to be incorporated readily and reduces actual fabrication time saving you time and money. You can have it your way.

You can have it your way. Custom shipboard communications products have been a VT Milcom specialty since 1980. We provide turnkey solutions from concept to prototype through production at our company-owned 23,000 square foot ISO certified fabrication facility in Chesapeake, Virginia and ship worldwide.

Our manufacturing organization is focused on providing its customers top-quality products, reliable service, and quick delivery. Our staff of mechanical and manufacturing engineers work concurrently with the manufacturer the customer, and the end user. In this manner, we can identify and evaluate all possible manufacturing methods that could reduce costs without sacrificing quality and function.

Our CAD/CAM Database capabilities enable us to retrieve a product file from the database, complete with material take-off and CNC source codes, and send the product to the production floor for manufacture. Further, we can import your drawing files and rapidly convert them for use with our CNC manufacturing equipment - this translates to reduced costs.

Our fabrication database includes hundreds of products and documentation from shipboard Alteration Installation Teams. From this information, we have produced a Product Catalog, available on-line at www.vtmilcom.com, that includes:

- Shipboard Tables, Shelves and Workstations – All Ergonomically Designed and Easy to Install
- Standardized Foundations and Sway Braces
- Racks, Rack Components and Enclosures
- LAN/WAN Computer Installation Components

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QUALITY POLICY

VT Milcom is a leading telecommunications service company for government and industry. Our goal is to deliver exceptional customer satisfaction by meeting all contract requirements and exceeding customer expectations. We will achieve this by continuously improving our operations, empowering our employees, and conducting business as a unified corporation, communicating in one voice to our stakeholders. VT Milcom will maintain the highest ethical and legal standards in its business dealings.

Our customers know that quality is at the core of VT Milcom's products and services. Through a series of company-wide initiatives and programs, we have made quality and customer satisfaction foundations of VT Milcom's management culture – ensuring our goal of meeting and exceeding customer expectations. Our quality management efforts and commitment by all VT Milcom employees are key to the long term success of our company and our continued leadership in the marketplace.

Our commitment to quality is clear and continuous. We are an ISO-9001:2000 registered company and hold multi-site certification of our Quality Management Systems applicable to:

- Design, Installation, Integration and Testing of Telecommunications and Electronic Equipment and Systems
- Manufacturing of Structural Supports and Enclosures for Telecommunications Equipment and Systems
- Assembly and Installation of Electronic Components for Telecommunications Equipment and Systems

Our goal has always been to do the very best for the customer, the company, and our employees and approach work as a partnership.

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RECOGNITION

Our quality recognition includes awards and certifications for:

- NAVSEA Approved Quality Assurance Manual for Government Contracts
- NAVSEA Approved Alteration Installation Team (AIT) Quality System
- NAVSEA Certified Welding System and Procedures
- James S. Cogwell Award for Outstanding Industrial Security
- Governor's Job Creator Award, State of South Carolina
- Washington Technology Top 100 Federal Prime Contractors
Information Technology Services

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