

USARC G-6

Project Type: Full IT Modernization (OSP construction, Electrical, Structured Cabling, WLAN)

Scope of Work: Performed complete IT Modernization for US Army Reserve Complex Grand Prairie, TX. VetComm placed all new substructure with wire-mesh innerduct system per I3A and Army Reserve standards. VetComm installed approx. 10-miles of 4" conduit through-out complex with new Fiber Backbone. VetComm upgraded all complex buildings infrastructure with new Cat 6 Structured Cabling system per I3A standards. All grounding and bonding per I3A standards certifying all metallic bonding at 3-Ohms or less. All electrical systems upgraded to I3A standards providing dedicated circuits for all racks and cabinets for each ER and TR, TER. Work consisted of carefully scheduled cutovers. Upon all each building cutover, VetComm provided skilled labor to carefully remove all abandoned infrastructure post installation and building cutover.

Location of Project: Grand Prairie, TX

Project Role: Subcontractor Project Value: \$2.4 Million



Department of the Interior

Project Type: WLAN, Fiber Backbone Upgrade

Scope of Work: VetComm performed a design-build of an Aruba deployment of over 350+ Access Points for Department of the Interior (DOI) in Washington, DC, through a partnership with Verizon Business. Our goal was to provide 75% or better coverage for the entire Main Interior Building (MIB). VetComm selfperformed the dep loyment of all configuration, implementation, and installation of the entire system. VetComm config ured (20) Cisco 3500 series POE switches, Aruba controllers, Clearpass Server, and Infoblox appliance for DHCP. Installation also included Wireless Intrusion Device (WID) Deployment for added security measures to monitor rogue devices that can be a potential threat to the secured network. VetComm also installed a new fiber backbone between all IDF's to the MDF via OM4 10GB fiber. Included was a redundant system for a secure failover recovery system that mirrored the head-end equipment as this deployment was setup to act as the main hub for all DOI locations across the nation. All guest access and secured credentials was established and Engineered with collaborated efforts of Aruba, and Verizon Engineers; as maintenance was handed off to Verizon NOC for 24-hour system monitoring. VetComm performed the installation in a high-profile, historical government building requiring intense and careful installation to help maintain the historical value and integrity of the building. VetComm confirmed a successful deployment through final heat-mapping on Fluke Airwave software to ensure proper coverage. Our goal was to provide 75% or better coverage. The end resulted in providing the government with an overall coverage of 93%.

Location of Project: Washington, DC

Project Role: Subcontractor **Project Value:** \$256,000.00





















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Army National Guard

Project Type: Electrical Upgrade

Scope of Work: Vetcomm performed a complete electrical upgrade for the Army National Guard. Replaced all lighting, dimer switches, and panels. VetComm coordinated with SCE for service upgrades and scheduled electrical cutovers to new system and meters. All work was completed with little to no impact to daily business functions for customer.

Location of Project: Long Beach, CA

Project Role: Prime contractor **Project Value:** \$570,575.71



United States Marine Corps

Project Type: Outside Plant - EAF Copper/Fiber Cable Extension

Scope of Work: VetComm provided all labor, equipment and material. The scope also included installation, splicing, terminating, testing and documenting copper and fiber optic cabling to allow voice and data connectivity to designated areas of the Expeditionary Air Field (EAF) and Camp Wilson. This was accomplished by extending pathway and existing cables from a point near building 5007 to points near buildings 5300 and building 5106. The total distance is approximately 8500 feet. This project consists of two phases. There will be needs to certify new and/or existing cabling systems to the latest industry standard specifications and provide hard copy or electronic reports to officials at 29 Palms, CA.

Location of Project: 29 Palms, CA Project Role: Prime contractor Project Value: \$805,992.77



United States Marine Corps

Project Type: Outside Plant Construction - replacement of old trunk lines

Scope of Work: VetComm provided all labor, equipment and material. Installed project scope required design services and the most effective installation for a communications pathway (including copper and fiber cable) from the Central Office (bldg. 1555 MH25) to the South side, Small End Office (bldg. 1002) as generally defined by schematic drawing attachments. Project shall include approximately 3500 LF of trench-ing (including removal, disposal and restoration of asphalt areas); approximately 989 LF of directional boring; placement of duct banks (of HDPE Conduits); placement of maintenance holes (MH as defined in design criteria); placement copper and fiber cable; removal/disposal of existing overhead cable/support poles. Project included all proper grounding and bonding of both cable and maintenance/hand holes.

Location of Project: 29 Palms, CA Project Role: Prime contractor Project Value: \$1,614,754.00





















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Project Type: CCTV, Fiber Backbone Upgrade

Scope of Work: VetComm provided services to install an IP video surveillance camera system. The project required outside plant fiber optic cabling and copper coax infrastructure cabling. Cameras were placed and tested, then connected to a Terabyte switch to provide 6 months of back up at a time. The scope of work

required a turnkey solution of integrating a secure video communications system.

Location of Project: San Ysidro, CA

Project Role: Subcontractor **Project Value:** \$225,000.00



Project Type: Structured Cabling

Scope of Work: VetComm provided test and evaluation support to Verizon Federal Systems on this contract. The infrastructure cabling plant installation required technical evaluation of requirements, regulations and industry standards. Pre- and post-installation evaluation reports and test results were made available for each IT system provided. The scope included use of industry standard test equipment, ongoing company certification renewals with associated training and appropriate reporting to the manufacturer. VetComm certified new and/or existing cabling systems to the latest industry-standard specifications and provided hard copy or electronic reports to officials at Camp Pendleton. The VetComm team offered Voice and Data Cabling Systems that utilize industry standards-based technologies. Their focus was on several key areas, including performance, manageability, speed, security, and reliability. All solutions took into account the "whole network infrastructure" and spanned connectivity across enterprise networks.

Location of Project: Oakland, CA Project Role: Subcontractor Project Value: \$53,747.00



Station

Project Type: CCTV, Fiber Backbone Upgrade

Scope of Work: VetComm provided a motion-sensitive security camera system to monitor the artillery dump facility. VetComm installed and provided fiber optics for the communications system backbone. Cameras were mounted on cranes to provide secure monitoring of motion within the facility. This project involved integration of infrastructure communication systems, camera devices and central control equipment.

Location of Project: Seal Beach, CA

Project Role: Subcontractor **Project Value:** \$75,000.00





















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United States
Coast Guard

Project Type: Outside Plant Construction- District office

Scope of Work: VetComm provided test and evaluation support to Verizon Federal Systems on this contract. The infrastructure cabling plant installation required technical evaluation of requirements, regulations and industry standards. Pre- and post-installation evaluation reports and test results were produced for each IT system provided. The scope included use of industry standard test equipment, ongoing company certification renewals with associated training and appropriate reporting to the manufacturer. VetComm provided professionally trained technicians to determine cabling paths, provide industry specification consultation, testing and reporting for the voice and data infrastructure communications cabling plant. All premises qualified professionals who are trained in proper cable routing, terminations, mounting of equipment, rack installation, grounding, labeling and testing, certified wiring.

Location of Project: Oakland, CA Project Role: Subcontractor Project Value: \$180,000.00



Project Type: Outside Plant Construction - Camp Wilson

Scope of Work: VetComm provided all labor equipment and material to replace install 950 2400 pr copper cable/Install 6 GFE manholes. Furnish and install 1 contractor provided Manhole. Cut, remove and replace 200 sp. Ft. of asphalt. Furnish and install 3080ft of 3 cell Maxell envelopes. Furnish and install 836ft of 4-5 PVC conduit. Furnish and install 345ft of 1-4 conduit. Furnish and install 7 ground rods. Furnish and install 5400ft of marker ribbon. Furnish and install 39 duct plugs. Furnish and install 40 yards of slurry fill. Furnish and install 2400 ft of 12 strand fiber optic cable. Furnish and install 2940Ft of 144 strand fiber optic cable. Furnish and install 2150ft of 900pr copper cable. Install 2400ft GFE 25pr copper cable. Install and furnish 1 enclosure for copper. Bore 90ft 1-4 solid wall conduit. Splice copper cable 2-25 pr module splices. Furnish and install 2-FODP 72 position panels. Furnish and install 1 fiber optic splice case. Furnish and install 144 fiber optic connectors. Furnish and install 24 panels 6-connectors. Furnish and install 12 port wall mount terminals. Furnish and install 2 connector panels. Furnish and install 2-6 fiber breakout kits. Furnish and install 12-12 fiber breakout kits.

Location of Project: 29 Palms, CA Project Role: Prime contractor Project Value: \$187,230.87





















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United States Coast Guard

Project Type: Wi- Fi Solution

Scope of Work: Wireless access point installation. Performed detailed design requirements and implementation plan for the USCG base. Configured and Installed 28 Aruba edge switches and 2 Aruba Core switches for campus wired connectivity utilizing existing Fiber connections. Installed 195 Aruba access points for ubiquitous wireless coverage throughout the campus. Installed, terminated, and connected CAT6A cable to each access point and the nearest Aruba switch for connectivity to the network. Configured and Installed 2 Aruba Wireless Controllers with connectivity to a Mobility Master in the Cloud, to support the Campus AP wireless network. Configured and installed 2 Aruba ClearPass Policy Manager servers to support Guest connectivity with access to the Internet for VPN connectivity into the .MIL network. Configured Guest captive portal between the Aruba Controllers and Aruba ClearPass servers with custom policies for guest sponsorship. Configured a Cisco router for internet connectivity and access policy restrictions to meet customer needs. Walked complete campus for wireless heat mapping, to ensure adequate coverage, per design, of all of the desired areas. Completed Documentation including as-build drawings and all planning documents showing the details of the implementation.

Location of Project: Petaluma, CA **Project Role: Subcontractor Project Value: \$851,573.00**



Administration

Project Type: Structured cabling/Networking/Electrical

Scope of Work: Provide turnkey Telecommunication Service installation and maintenance for SSA. Perform high-volume user relocations for multiple sites nationwide. Relocated up to 1400 users with seeming less transitions from old locations to new with no down-time to business productivity for SSA. VetComm provided technical support and system installation for ASPECT and TSC phones. Provide Structured Cabling Services for all locations nationwide. Provide desktop support and installation for all users. Perform Moves, Add and Changes as needed. Provide SSA with detailed reporting for all MAC work and projects. Work with local LEC's for circuit deliveries and Dmarc Extensions as needed for all locations. Perform data center build-outs for new locations. VetComm provided technicians that passed SSA's Suitability Clearance prior to any work performed at any SSA facility Nationwide. Systems/Equipment used: ASPECT Voice Switch, Blackbox, ADC, Omnitron, Charles Industry, Transition Networks, Cisco, APC.

Location of Project: Ashburn, VA **Project Role: Subcontractor Project Value: \$1 M**





















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United States Coast Guard

Project Type: Wi- Fi Solution

Scope of Work: Wireless access point installation. Performed detailed design requirements and implementation plan for the USCG base. Configured and Installed 56 Aruba edge switches and 2 Aruba Core switches for campus wired connectivity utilizing existing Fiber connections. Installed 535 Aruba access points for ubiquitous wireless coverage throughout the campus. Installed, terminated, and connected CAT6A cable to each access point and the nearest Aruba switch for connectivity to the network. Configured and Installed 2 Aruba Wireless Controllers with connectivity to a Mobility Master in the Cloud, to support the Campus AP wireless network. Configured and installed 2 Aruba ClearPass Policy Manager servers to support Guest connectivity with access to the Internet for VPN connectivity into the .MIL network. Configured Guest captive portal between the Aruba Controllers and Aruba ClearPass servers with custom policies for guest sponsorship. Configured a Cisco router for internet connectivity and access policy restrictions to meet customer needs. Walked complete campus for wireless heat mapping, to ensure adequate coverage, per design, of all of the desired areas. Completed Documentation including as-build drawings and all planning documents showing the details of the implementation.

Location of Project: Yorktown, VA
Project Role: Subcontractor
Project Value: \$1,264,047.47



Department of Homeland Security

Project Type: Structured cabling/Networking

Scope of Work: Performed Circuit Extensions and LAN support for 500+ sites for Verizon under Networx Contract. Each site requires extensive site surveys to provide a SOW for each site prior to any work. Extensions include POTS, T1, DS3, OCn type of Circuits. Support is provided to federal agencies under the Department of Homeland Security such as FBI, CBP, CIS, SSA, Navy, US Coast Guard, US Postal Service, and TSA. Performed roll-outs nationwide for various IT related projects. Provide highly-trained personnel to work in high-profile federal facilities requiring extensive security checks and clearances. Performed extensive circuit testing for each circuit working with Verizon DTAC center to test for loop errors and bit patterns. Performed circuit and network cutovers with little to no impact to business functions. Provided OOB connections for remote management on Verizon-provided CPE and DSU's and Routers. Supported voice systems such as Avaya IP Office for various agencies. Provided onsite professional services and engineering. Additional services for Structured Cabling Systems, Audio/Visual, OSP, Central Office Systems, and Electrical. Systems/Equipment used: Transition Networks, Blackbox, ADC, Charles Industry, Adtran, Cisco.

Location of Project: Ashburn, VA Project Role: Subcontractor Project Value: \$3 M





















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United States Coast Guard

Project Type: Wi- Fi Solution - Camp Lejeune

Scope of Work: Wireless access point installation. Performed detailed design requirements and implementation plan for the USCG base. Configured and Installed 12 Aruba edge switches and 2 Aruba Core switches for campus wired connectivity utilizing existing Fiber connections. Installed 102 Aruba access points for ubiquitous wireless coverage throughout the campus. Installed, terminated, and connected CAT6A cable to each access point and the nearest Aruba switch for connectivity to the network. Configured and Installed 2 Aruba Wireless Controllers with connectivity to a Mobility Master in the Cloud, to support the Campus AP wireless network. Configured and installed 2 Aruba ClearPass Policy Manager servers to support Guest connectivity with access to the Internet for VPN connectivity into the .MIL network. Configured Guest captive portal between the Aruba Controllers and Aruba ClearPass servers with custom policies for guest sponsorship. Configured a Cisco router for internet connectivity and access policy restrictions to meet customer needs. Walked complete campus for wireless heat mapping, to ensure adequate coverage, per design, of all of the desired areas. Completed Documentation including as-build drawings and all planning documents showing the details of the implementation.

Location of Project: Jacksonville, NC

Project Role: Subcontractor **Project Value:** \$565,084.87



Edwards
Airforce Base – CDC
(Child Development
Center)

Project Type: VolP Intercom/Overhead Paging

Scope of Work: Vetcomm provided a design build of an Avaya VoIP Intercom system integrated with a Bogen Centralized Paging system. Vetcomm provided and installed all Zone Amplifiers, Digital feedback eliminators, Voice Activated Relays, emergency paging over-ride, music, and VoIP intercom handset for each classroom in the facility. All new Cat6 and 18/2 Structured cabling provided ad certified by VetComm. All SPL levels were established per CDC standards/requirements. Outdoor emergency VoIP intercom stations also provided and installed by VetComm requiring specialized contrition on exterior art deco of the facility. High level security vetting was performed by the base for all technicians to work on this project. The final design and product resulted in a system that exceeded requirements of the customer per the RFP. Systems/Equipment used: Avaya, Bogen, Netgear, APC, TE, Leviton.

Location of Project: Edwards AFB, CA

Project Role: Subcontractor **Project Value:** \$63,000.00





















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United States
Coast Guard

Project Type: Wi- Fi Solution

Scope of Work: Wireless access point installation. Performed detailed design requirements and implementation plan for the USCG base. Configured and Installed 11 Aruba edge switches and 2 Aruba Core switches for campus wired connectivity utilizing existing Fiber connections. Installed 205 Aruba access points for ubiquitous wireless coverage throughout the campus. Installed, terminated, and connected CAT6A cable to each access point and the nearest Aruba switch for connectivity to the network. Configured and Installed 2 Aruba Wireless Controllers with connectivity to a Mobility Master in the Cloud, to support the Campus AP wireless network. Configured and installed 2 Aruba ClearPass Policy Manager servers to support Guest connectivity with access to the Internet for VPN connectivity into the .MIL network. Configured Guest captive portal between the Aruba Controllers and Aruba ClearPass servers with custom policies for guest sponsorship. Configured a Cisco router for internet connectivity and access policy restrictions to meet customer needs. Walked complete campus for wireless heat mapping, to ensure adequate coverage, per design, of all of the desired areas. Completed Documentation including as-build drawings and all planning documents showing the details of the implementation.

Location of Project: Elizabeth City, NC

Project Role: Subcontractor **Project Value:** \$347,642.28



United States Coast Guard

Project Type: Wi- Fi Solution

Scope of Work: Wireless access point installation. Performed detailed design requirements and implementation plan for the USCG base. Configured and Installed 12 Aruba edge switches and 2 Aruba Core switches for campus wired connectivity utilizing existing Fiber connections. Installed 112 Aruba access points for ubiquitous wireless coverage throughout the campus. Installed, terminated, and connected CAT6A cable to each access point and the nearest Aruba switch for connectivity to the network. Configured and Installed 2 Aruba Wireless Controllers with connectivity to a Mobility Master in the Cloud, to support the Campus AP wireless network. Configured and installed 2 Aruba ClearPass Policy Manager servers to support Guest connectivity with access to the Internet for VPN connectivity into the .MIL network. Configured Guest captive portal between the Aruba Controllers and Aruba ClearPass servers with custom policies for guest sponsorship. Configured a Cisco router for internet connectivity and access policy restrictions to meet customer needs. Walked complete campus for wireless heat mapping, to ensure adequate coverage, per design, of all of the desired areas. Completed Documentation including as-build drawings and all planning documents showing the details of the implementation.

Location of Project: Baltimore, MD Project Role: Subcontractor Project Value: \$510,089.69





















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