



Network Solutions Customer Projects

Infrastructure Modernization (IMOD) – *IDIQ contract to U.S. Army*: Project manages, designs, implements, and installs inside and outside plant solutions, providing infrastructure revitalization, and network upgrades for the U.S. Army. We use a phased approach to provide a site survey, duct system installation, fiber cable installation, and network integration for the implementation of turnkey solutions.

Department of Justice (DoJ) – In addition to providing engineering support and supporting current operations, we collaborate directly with the DoJ CIO office on system design and technical evolution, and have extensive interaction with the U.S. Attorney Field Offices, who are the end customers for this offering.

Secure Border Initiative Network (SBINet) – We provide support in the areas of communications systems design (wireless and wireline), network engineering, systems security design, trade study support, and modeling and simulation. SBINet is a system to transform U.S. border control technology and infrastructure in order to minimize or eliminate the occurrence of border violations.

Civilian Personnel Decision Support System (CPDSS) – Developed a custom Web application that queries the Defense Civilian Personnel Data System database, which is the civilian HR system and the Experience History database that contain information on past assignments, for current and past information regarding the employee.

Provided In-country support for the Engineering, Furnishing, install and test of network equipment ICW contract W 914 NS-04-D-005, **Iraq Reconstruction**. Scope of project included digital switching and optical WAN cabling and equipment.

U.S. Department of Housing of Urban Development (HUD) - Provided VitalQIP® DNS/DHCP and IP Management software and services for use in the infrastructure upgrade

Pentagon - PVA's inside wiring crew was summoned to begin restoration efforts post 9/11. Engineered, Furnished, and Installed (EF&I) cable tray systems and equipment racks, inside cabling, power systems, and grounding. **Network Analysis/Support** – PVA also provides products and services to help customers manage and improve the performance and security of their network. These include:

- Network Analysis – PVA can install Alcatel-Lucent VitalApps software that characterizes the performance end users experience within an enterprise. By using VitalApps, application performance can objectively be measured and issues can be correlated, prioritized and investigated to increase employee productivity and revenue through better access to revenue generating applications. PVA offers this analysis as a service to customers who are experiencing issues with applications such as OpenText. The analysis identifies network bottlenecks.
- IP Address Management (IPAM) – Our engineers can install and configure Infoblox appliances that will allow your organization to manage the IP addresses in their Microsoft DNS and DHCP environment.
- Core Network Services (DNS, DHCP, IPAM, RADIUS, TFTP, NTP) – Our engineers can install and configure Infoblox appliances that will manage these “mission-critical” infrastructure services that no company can do without.
- WAN Application Acceleration – PVA can install and configure Blue Coat products that are designed to accelerate WAN application performance and provide unsurpassed content security as well as Web content filtering. It can also replace existing proxy servers.
- WEB Virus Scanning – Our engineers can install and configure Blue Coat appliances that prevent viruses, trojans, worms, and spyware from entering your organization via the Web.
- Advanced SSL-VPN Connectivity – PVA can install the industry’s only application-independent architecture and connector technology from Blue Coat. This results in on-demand access to Web and non-Web applications all without the installation of VPN client software. This is ideal for application environments where access is required by corporate-owned and unmanaged devices (such as customers or partners).