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Customer: U.S. Army Corps of Engineers Enterprise Infrastructure Services

Project Definition and Objective

Configuration, Assembly and Installation of a Standardized Corps Network and Security Stack (CNSS) at More Than 70 Corps Locations

As part of its contract to provide global IT support for the Corps of Engineers Enterprise Infrastructure Services (CEEIS), ICRC was tasked with installing standardized Corps Network and Security Stacks (CNSS) at more than 70 Corps sites. The objective of this project was to provide standard network hardware and configurations at each location.

Tasks

The tasks performed by ICRC for this project included:

- Working with CEEIS to establish the system configuration of the CNSS. This rack of security and connectivity equipment included dual routers, dual firewalls, an IDS probe, a UNIX-based utilities server, a network-based quality of service appliance, out-of-band access devices, console switches, remote power management devices, and an IP manageable UPS system. The equipment was contained in a standardized rack with identical, pre-labeled cabling. The hardware was installed in a fully redundant configuration to ensure proper failover and remote manageability.
- Acquiring the equipment needed to build more than 70 racks.
- Building and testing the racks prior to installation.
- Installing the racks at the designated Corps locations to the full satisfaction of the customer.

Impact

ICRC delivered the following results:

- Greatly increased CEEIS performance, reliability, security and scalability for end users by fully standardizing the network hardware and configurations located at each site.
- Helped CEEIS maintain business as usual by providing the normal level of IT support to CEEIS outside the CNSS project, despite the 70 to 80 percent of ICRC network security resources allocated to the CNSS project at any given time.
- Met customer deadlines by completing installations in advance of the Corps' annual configuration freeze. To achieve this, ICRC implemented innovative methods of project management, such as dividing its engineers into groups that simultaneously acquired, assembled and distributed the equipment.
- Received a 98 percent approval rating on surveys completed by Corps site personnel following the installations.

Other ICRC Services:

Advanced Vehicle Technologies
Aerospace Services
Infrastructure Support Services

For more information or to discuss potential contracting opportunities, contact ICRC's Corporate Headquarters:

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Two new Corps Network and Security Stacks reflect their hometowns of Memphis, Tennessee and Louisville, Kentucky.