

Enterprise Services

Network Architecture

Customer: Defense Logistics Agency (DLA) | Period: 9/30/2004 – 9/30/2014



Why Triple-i?

Qualified civilian and defense industry experience with enterprise services and network architecture

Reduced vulnerabilities and maximized efficiencies

Enterprise-driven solutions

Customer-focused, value driven management approach

A Service-Disabled Veteran-Owned Small Business

Customer Profile

The Defense Logistics Agency (DLA) is a U.S. Department of Defense (DoD) agency that provides wide-ranging logistical support for peacetime and wartime operations, as well as emergency preparedness and humanitarian missions. The agency currently employs over 28,000 civilian and military employees working in 50 states and 28 foreign countries.

Business Challenge

Over the years, some of DLA's infrastructure resources have become underutilized in providing logistical support. This has resulted in increased DLA operational costs and increases the potential risks that technologies will remain in production beyond their useful life. This increases the risk of outages and interruption in operations as technologies age.

As part of its Business Systems Modernization program, DLA has implemented Virtual Data Centers and an Enterprise Data Center (EDC) that consolidates many of DLA's global Information Technology data centers. Triple-i is responsible for the design and architecture of networks – one of the major projects in the successful implementation of the EDC initiative – and the development of Information Assurance policies and procedures.

The benefits of the EDC to DLA include:

- A modernized IT infrastructure better able to support new DLA mission requirements
- Early control and standardization of residual application development through consolidation of test beds and Web servers
- An enterprise approach to requirements identification, planning, and execution
- Reduction in the IT inventory (e.g., servers, applications, and storage) and associated cost through optimal utilization of equipment and consolidation of applications, where possible resulting in a reduction in the total cost of ownership
- A more effective enterprise information assurance implementation through reduced vulnerabilities and centralized system administration
- An expanded DR capacity and COOP capable of handling an increased number of DLA applications and users
- An infusion of best business practices across the enterprise

Our Solution

Triple-i assists DLA with the design and development of an overall network architecture for the new virtual data centers. This 100,000-node network supports approximately 50,000 DLA users. Support includes the migration of networks and the supported applications functioning on these networks. Once networks have been migrated to the new data centers, Triple-i provides ongoing day-to-day operational support of the networks.

Additional support provided by Triple-i includes:

- Monitoring network performance utilizing existing or new tools to maintain a 99.99% uptime SLA
- Analyzing information to determine, recommend, and plan for upgrades and modifications to the existing network infrastructure that will provide the capability for proposed project or workload capability

- Engineering hardware, software, and network systems to provide secure, high performance connectivity for both internal and Internet services
- Documenting network changes, including necessary hardware purchases
- Maintaining a competency matrix of all Network Operations Center skill sets and requirements
- Planning of storage resources designed to meet DLA requirements
- Designing, configuring, and installing servers
- Providing basic system administrator support, including creating and resetting user accounts
- Maintaining IIS/SMS services

Other Customers

In addition to providing network architecture for DLA, Triple-i has also provided other enterprise services such as testing, systems administration, SAN architecture, portal and oracle development, interface development, and help desk support. Triple-i has also provided Web design and development, software development, and independent verification and validation (IV&V) for the Defense Contract Management Agency (DCMA).

To find out more about these and other contract services, visit our website at www.iiinfo.com or contact sales@iiinfo.com.