

Major Defense Agency Consolidates Multiple Commands into a Single Efficient Operation with a Virtualized Cloud-Based Solution

The Challenge:

The Defense Base Closure and Realignment Bill (BRAC) mandated the relocation and collocation of multiple defense organizations into a single, contiguous site, with shared IT infrastructure, operations and services. The responsible organization turned to its trusted advisor, IntelliDyne, to devise, develop and execute a strategic IT solution, including program management activities, to lead and coordinate the IT consolidation effort. From ensuring effective governance to securing enterprise collaboration, the client needed to consolidate multiple Information Technology support activities that ran on individual platforms. Given the disparate locations and business processes that each stakeholder owned during the BRAC, the client challenged IntelliDyne to develop a highly collaborative and streamlined PMO approach to ensure that all of the military service organizations gain efficiencies without compromising their individual mission. Furthermore, the client had to satisfy requirements and requests from a diverse group of stakeholders - from Pentagon officials to BRAC Program Office officials, GSA and organizational leadership, all against a firm delivery date.

The Solution:

- Designed a virtualized Cloud Computing-based infrastructure with dynamic provisioning to accommodate the multi-tenancy requirement for users from each service to connect to their organizations' IT enclave from any location
- Enabled office automation Support for File/Print Sharing, Email, Large File Attachment, Mobile Email (Blackberry), Remote Email (OWA), and Remote Access
- Developed Application Support for SharePoint, PKI, Configuration Management and Listserv.
- Deployed System Hosting for Unified Computing System (UCS) Blade System (Virtual Servers), Storage Area Network (SAN), Web Services, Database Services, Applications, etc.
- Provided dedicated project management services as well as network, systems, and security engineering support to plan, gather and manage requirements, and design, build, test, and deploy a consolidated joint network solution
- Designed initial standard builds for small, medium and large conference room VTC systems

The Impact:

- Consolidated substantial number core network services across all military services, meeting BRAC law requirements
- Reduced client's overall data center footprint extensively
- Achieved significant reductions in the consolidated server environment's power, cost, and space requirements through value engineering, while improving network availability and reliability

CASE STUDY

IntelliDyne Professionals hold the following certifications relevant to this project:

- PMP
- VMware Certified Professional vSphere 4
- VMware Certified Professional Infrastructure 3.5
- HBSS Advanced v4.5
- Cisco Firewall Security Specialist
- CCNP
- CCSP
- Microsoft Systems Administrator
- Microsoft Systems Engineer
- Certified Configuration & Data Manager
- Certified Configuration & Data Specialist
- ITIL

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