

## Large Defense Agency Enhances Security Posture, Streamlines Operations, and Achieves Green Targets through Data Center Consolidation and Efficient Virtualization

### The Challenge:

When a major Defense data center needed to achieve operational efficiency and save on energy consumption costs, it called upon its trusted advisor, IntelliDyne, to consolidate and modernize its data center operations. A significant percentage of the client's data center environment was operating on an aging infrastructure. This created a risk to the continuity of operations and incurred unnecessary expenditures due to power consumption, resource overhead, maintenance costs, and inefficient use of rack space. The client required a seamless transition without interruption of services.

### The Solution:

- Assessed, designed, engineered, and executed an advanced data center solution to virtualize the environment
- Stood-up an interim "staging" environment in an alternate location to prevent negative impacts to ongoing operations
- Migrated all critical service applications, including Active Directory and Microsoft Exchange Messaging (as well as PKI, file & print, and backup & recovery services) to the virtualized environment without data loss or breach

### The Impact:

- Improved utilization of technology investment and realized significant savings in power, HVAC, and rack space
- No interruption of service to user community throughout the migration and consolidation process
- Client mitigated the risk of data failure to its sensitive data operations
- Client's sensitive applications and data are now better protected due to modern technology with enhanced security

## CASE STUDY

IntelliDyne Professionals hold the following certifications relevant to this project:

- PMP
- VMware Certified Professional vSphere 4
- VMware Certified Professional Infrastructure 3.5
- Cisco Firewall Security Specialist
- CCNP
- CCNA
- Microsoft Certified Professional
- Microsoft Systems Administrator
- Microsoft Systems Engineer
- ITIL

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