

DOD AGENCY ELIMINATES INEFFICIENCIES,
DEPLOYS

IDEAL ENTERPRISE ARCHITECTURE WITH DYNAMIC SYSTEMS

ABOUT THE CLIENT

Industry: Government

Location: Operations are globally distributed across 28 sites in 3 continents

Employees: 4,500 operations personnel, 1,000 support personnel



AT A GLANCE

Challenge

A defense agency was suffering from the repercussions of having a disjointed IT infrastructure across multiple sites in different continents. The agency sought help in creating a more effective enterprise architecture to remove unnecessary costs and improve interoperability.

Solution

Adopt an enterprise architecture specially designed by Dynamic Systems.

Results

- Centrally managed enterprise services
- Platform standardization
- Reduced sustainment costs

Overview

A defense agency drove down sustainment costs and centralized enterprise services through expert advice from Dynamic Systems.

Challenge

The agency was plagued by inefficiencies related to having disparate IT platforms across all of its 28 sites. Each site was maintained as a standalone entity requiring a large staff of expert IT personnel to sustain operations. Due to the sites' autonomous nature, each had to maintain its own complete suite of hardware and applications. This resulted in high sustainment costs which was becoming an increasingly large challenge considering that the DOD had been directed to achieve budget decreases in every branch.

The challenges faced by the agency can be summarized as follows:



An excess of hardware, software, and labor to support disparate IT platforms



No shared capabilities between sites



Annual sustainment costs were extremely high

This agency required a solution that would consolidate its resources and eliminate redundancies across its entire platform. More importantly, it needed to be able to cut expenses significantly to comply with deep mandated budget cuts.

Solution

Interoperability and shared capabilities are important for a multi-site enterprise spread across multiple continents. Having a centrally managed IT infrastructure is key. Leveraging on Dynamic Systems' expertise, the defense agency was able to deploy its ideal enterprise architecture.

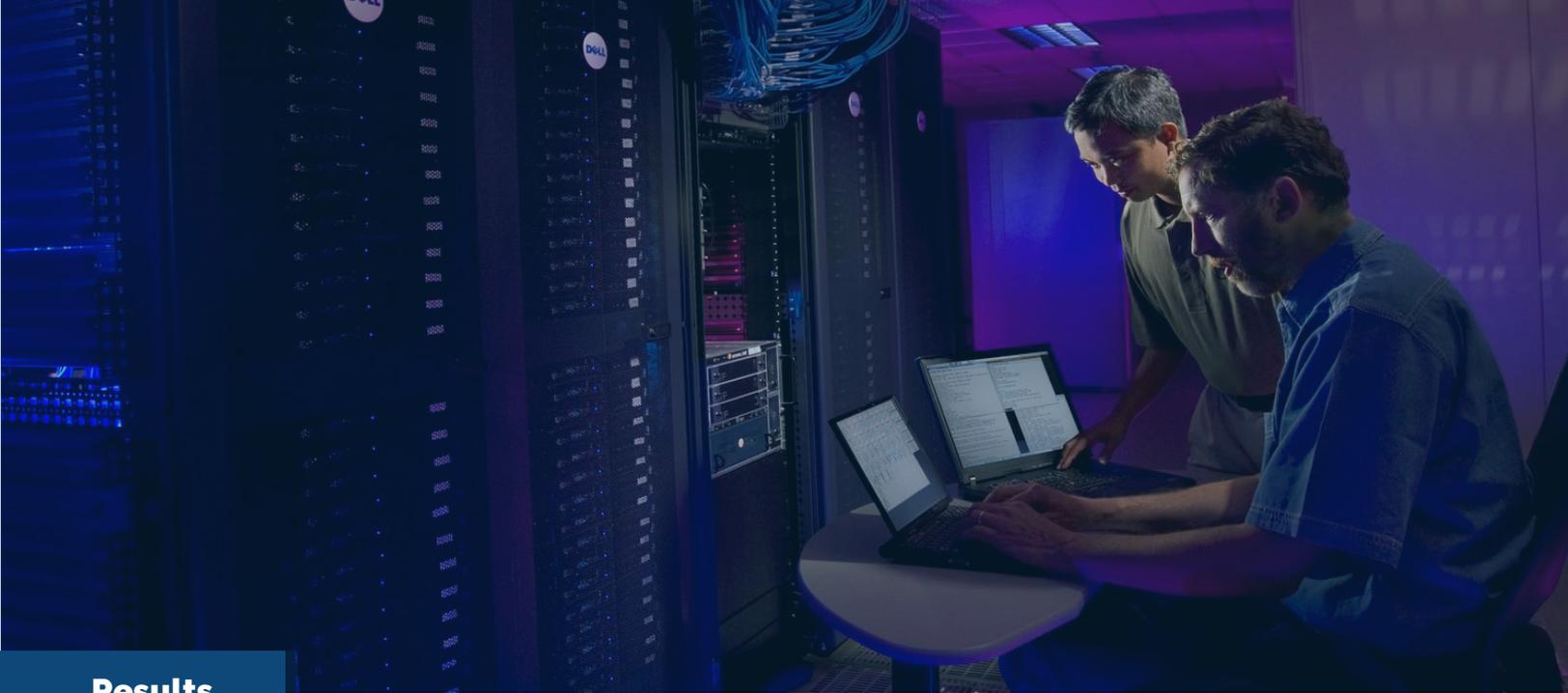
Dynamic Systems architecture assessment made clear that a new enterprise architecture was required for the defense agency to modernize and meet its sustainment budget reduction requirements. The goal was to consolidate the agency's resources and move multiple applications and operating systems from separate servers onto fewer, more powerful, and more efficient shared servers.

Based on the defense agency's current setup, Dynamic Systems established an Enterprise Consolidation Strategy, followed by a design to consolidate architecture for the agency's data. This security-compliant architecture was designed, tested, and implemented.

In order to ensure a smooth launch, Dynamic Systems provided operations and maintenance training to all relevant staff. The result was a smooth transition from the outdated architecture to the new, virtualized, cloud-ready infrastructure.

When this project was complete, the defense agency's common enterprise services were modernized and deployed in a dual hub model. The enterprise services are now centrally managed and serving all 28 sites. The sites have consequently retired hardware and software that had previously been used to support their disparate maintenance silos.





Results

Dynamics Systems' enterprise architecture solution helped the customer achieve its goals regarding its enterprise services and sustainment budget. With a fully customized system, the defense agency was able to observe the following positive outcomes:

Centrally managed enterprise services

With expert assistance from Dynamic Systems, the defense agency was able to successfully shift from the chaos of decentralized data and numerous servers into centrally managed enterprise services. Data management was streamlined and system availability was maximized through the consolidation.

Platform standardization

Prior to the implementation of the project, each of the customer's 28 sites had different hardware, software, and IT maintenance teams in their infrastructure. With the deployment of the new enterprise architecture, all of the sites now had shared capabilities and a primary standard followed across the system.

Reduced sustainment costs

The defense agency had a goal of cutting annual sustainment costs by 40%. This project was integral in helping the customer achieve the goal, allowing it to slash costs of hardware, software licenses, and associated maintenance throughout all of the agency's locations.

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