

HOW THIS DOD AGENCY ENABLED QUICK AND

SECURE INFRASTRUCTURE IMPLEMENTATION

DESPITE LACK OF MANPOWER AND
TRAINED ENGINEERS

ABOUT THE CLIENT

Industry: Government

Location: Undisclosed



AT A GLANCE

Challenge

The client lacked the manpower needed to upgrade their legacy infrastructure so they could meet new compliance requirements.

Solution

Leverage Dynamic Systems' expertise to engineer the best-of-breed solution.

Results

- On-time project completion
- Platform standardization
- Easy and remote administration of systems
- Cloud-ready solution
- Easy-to-duplicate solution

Overview

A Department of Defense Agency leveraged Dynamic Systems' expertise to complete on time the implementation of a secure and compliant infrastructure despite lack of in-house manpower and trained Engineers.

Challenge

The client needed to meet new requirements for an additional physical site and updated software release.

This entailed upgrading their infrastructure in the quickest time possible, something that was easier said than done because the agency lacked manpower and trained Engineers.



New requirement
for the additional
physical site and
updated software
release



Lack of manpower
and trained
Engineers



Legacy systems
needed to be
migrated

Another pain point the Department of Defense Agency had to contend with was how to quickly and securely migrate their legacy systems to comply with the current organization standards.

Upgrading legacy systems to meet new compliance requirements in itself can be a tedious and time-consuming task. It requires the right expertise to ensure project success and on-time completion.

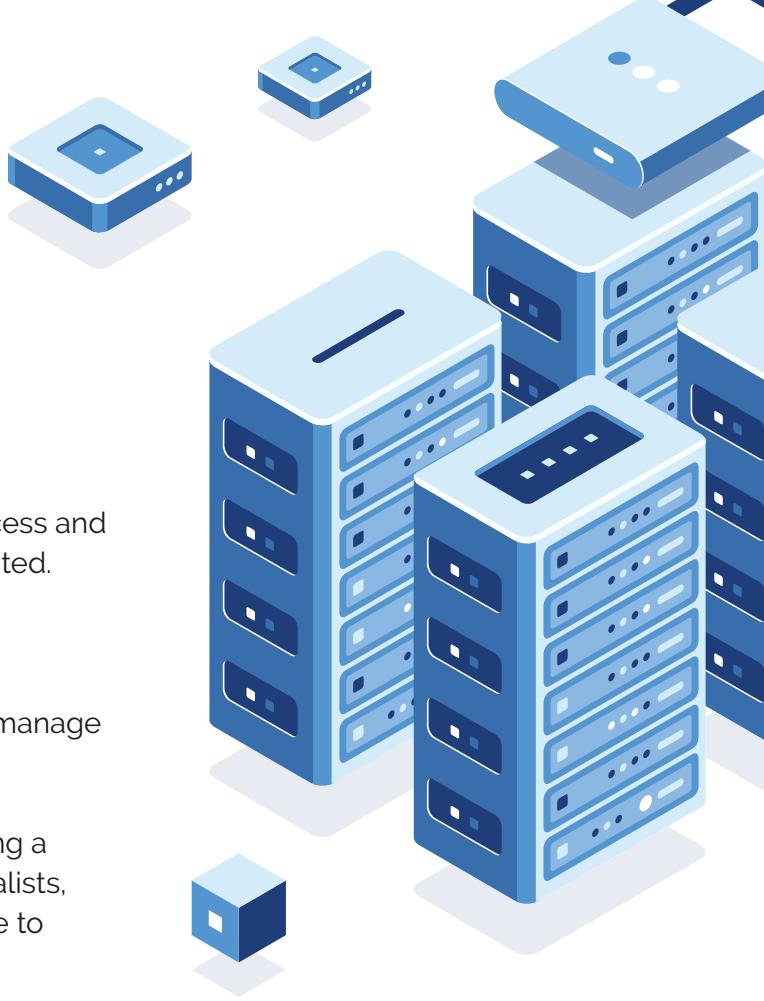
But lack of manpower is not the only challenge. Ensuring security throughout the entire infrastructure upgrade and implementation is also crucial.

The DOD Agency understood that security should never be an afterthought. This was the reason they chose Dynamic Systems, trusting that they could help them upgrade their systems quickly and securely and allow them to easily navigate their optimized IT infrastructure.

Dynamic Systems was involved from the beginning. Through a series of interviews and meetings with the customer, Dynamic Systems was able to pinpoint the right solutions for the project.

The best-of-breed solutions and integration services Dynamic Systems provided include:

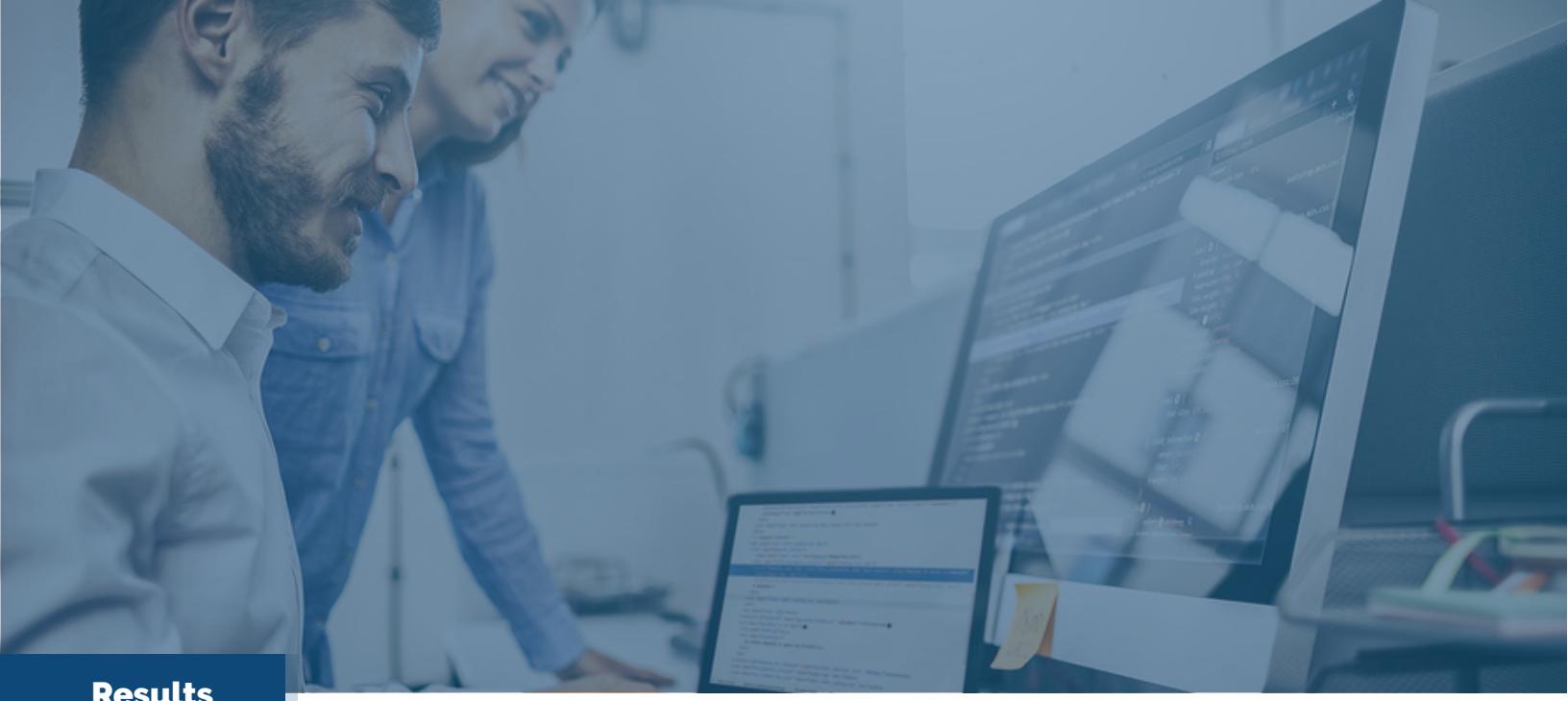
- Cisco UCS Blade Servers
- NetApp All-Flash Storage
- Cisco Networking
- Red Hat Enterprise Linux
- VMware Software including vRealize Operations
- 896 CPU Cores
- 22 Compute Blades
- Two NetApp arrays
- Complete Cisco Nexus integration



The solutions they built were compliant with the current organization standards and designed to allow remote access and monitoring, which was exactly what the DOD Agency wanted.

In addition, Dynamic Systems did not only facilitate STIG hardening and testing but also provided comprehensive documentation and training, allowing the client to easily manage the upgraded infrastructure.

Dynamic Systems dedicated a team of experts — including a Chief Architect, a Project Manager, Documentation Specialists, and several Engineers — who spent several weeks on-site to ensure on-time project completion.



Results

By partnering with Dynamic Systems, the DOD agency was able to get the right on-site engineering support and complete the project on time. With Dynamic Systems, the client was able to reap the following benefits:

Platform standardization

With Dynamic Systems' help, the DOD agency was able to quickly and securely upgrade their infrastructure and make it compliant with the current organization standards.

Easy and remote administration of systems

Dynamic Systems implemented self-contained solutions with remote administration features, allowing the client to manage them anytime and anywhere.

Cloud-ready solutions

Dynamics allowed the agency to enjoy the Cloud benefits by building cloud-ready solutions for greater agility, security, and scalability.

Easy-to-duplicate solution

The solutions Dynamic Systems engineered are easy-to-duplicate, enabling the DOD agency to make the most of their technology investments.

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Our engineering and project management team provided excellent support and did a fantastic job keeping us on schedule!



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