

OPTIMIZE YOUR CLOUD SMART STRATEGY WITH V3Gate & VMware Cloud Foundation

Cloud adoption within the Federal Government is constantly evolving as we adapt to new technologies, advanced security threats, and a changing workforce.

Previously, government agencies focused on a “Cloud First” approach to prioritize cloud migration for new IT projects to enhance agility, scalability, and cost savings. But as agencies often experienced inconsistent results in a rush to cloud adoption, it became increasingly important to take a more thoughtful and measured approach to how they migrate applications and data to the cloud.

As outlined in “Report to the President on Federal IT Modernization,” released in 2017 under Executive Order 13800, the Office of Management and Budget (OMB) pledged to update the legacy Federal Cloud Computing Strategy (“Cloud First”). “Cloud Smart” offers practical implementation guidance.

This new strategy is founded on three key pillars of successful cloud adoption:



In contrast to the Cloud First approach, the Cloud Smart approach focuses on optimizing existing infrastructure before fully migrating to the cloud. It emphasizes a thoughtful evaluation of existing systems, applications, and investments to determine the best approach for each workload.

Even with the guidance provided by the Chief Information Officers Council (CIO Council) on Cloud Smart strategy, agencies are left with an overwhelming array of choices on how to implement Cloud Smart for optimum results.

What is needed is a fully robust, scalable, and secure platform that can simplify and optimize Cloud Smart adoption.

VMware Cloud Foundation is the multi-cloud platform for modernizing data centers and deploying modern apps. VMware Cloud Foundation delivers enterprise agility, reliability, and efficiency for customers seeking to deploy private and hybrid clouds.

VMware Cloud Foundation is based on VMware’s proven and comprehensive software-defined stack including VMware vSphere, VMware vSAN, VMware NSX®, and VMware Aria® Suite, providing a complete set of software-defined services for compute, storage, networking, security, and cloud management to run enterprise apps; traditional or containerized across hybrid clouds.¹



Why Choose VMware Cloud Foundation?

Delivering consistency in all environments is what agencies should look for in any solution. VMware Cloud Foundation delivers that consistency on and off premise for both operators and institutions. With seamless integrations and workload portability, federal agencies can meet their cloud, backup/disaster recovery and zero trust goals with a single platform that is validated on premise and in partnership with cloud providers like AWS, Microsoft Azure, Google, and Oracle.

VMware Cloud Foundation enables agencies to empower both their operators and external clients to access the right data and applications regardless of where they are located.

MIGRATION AND MODERNIZATION



VMware Cloud Foundation is an enterprise-class hybrid cloud solution that enables agencies to run their business critical and modern applications—in a secure, resilient, and cost-efficient manner.

The applications can be run on-prem, off-prem or fully connected for a true multi cloud experience.

In the old legacy environment, using traditional waterfall development processes, an agency might only modernize a few of their many mission-critical applications a year. A successful migration empowers the agency to modernize their applications significantly faster than could be accomplished in their legacy architectures.

VMware Cloud Foundation enables an agency to develop a solid foundation that is a platform and springboard for agile application modernization. The platform enables federal IT organizations to modernize apps and their underlying IT infrastructure to support containerized workloads. “Containers allow developers to deploy their applications with portable, lightweight packaging. Cloud enables programmatic control of infrastructure virtually and remotely. The combination of containers, cloud infrastructure, and continuous integration/continuous delivery.”²

OPTIMIZATION



Having made a successful migration, the federal IT organization can now monitor all aspects of their new operating basis and decide what additional improvements they can make to optimize performance for their operators and their internal and external customers.

What best of breed areas of technology are going to resonate with these users? Is it a database? Is it a publicly

facing web address? Is it advanced analytics? Is it utilizing point intime areas of Artificial Intelligence (AI) and/or Machine Learning (ML)?

VMware Cloud Foundation allows quick implementation and test improvements that will deliver better performance and usability.

SECURITY



VMware is dedicated to the Zero Trust model of security, which means building a dynamic, modern security architecture that builds trust on a much broader and deeper basis than traditional security measures.

Instead of the traditional single large perimeter model, VMware focuses on “the concept of micro perimeter which changes the architecture from a single large DMZ to multiple smaller boundaries around each application and that application’s data. If an attacker succeeds in penetrating one of these boundaries, it can move only within that perimeter, and can be more easily contained.”³

WORKFORCE



Migrating from legacy architectures to a fully modernized, optimized, and secure cloud architecture enables federal agencies to attract, retain, and enhance the knowledge and skills of their workforce.

VMware Cloud Foundation enables IT workers that were previously tied up in the maintenance and upkeep of legacy systems and applications to be given the opportunity to learn new skills and agile processes that keep them moving forward in their careers while delivering their mission.

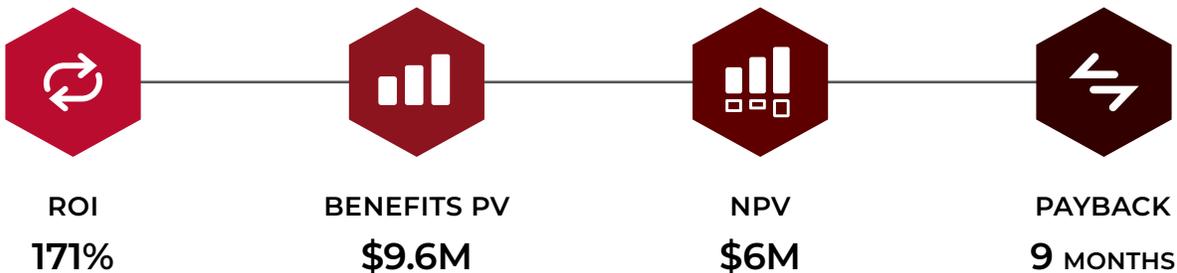
KEY BENEFITS

There are substantial cost savings associated with using VMware Cloud Foundation as the technology platform for modernization and optimization.

According to a twelve-month study by Forrester, “The Total Economic Impact™ of VMware Cloud Foundation, March 2022,” participants realized a

171% Return on Investment (ROI) with a nine-month payback.

VMware Cloud Foundation is a proven, key enabling technology that simplifies migration and modernization, optimization, and security according to Cloud Smart principles.



1 VMware Cloud Foundation, Multi-Cloud Platform for Modern Apps, © 2022 VMware, Inc.
 2 Top 5 Reasons to Deploy Multi-Cloud Infrastructure: An Executive Guide” © 2023 VMware, Inc.
 3 Introduction to VMware Zero Trust

V3Gate – Your Trusted Partner for VMware Cloud Foundation

Getting the most value from your VMware Cloud Foundation implementation is easier with a trusted partner with the knowledge and expertise to assist you every step of the way.

V3Gate designs, implements, and provides ongoing support to ensure that federal agencies can effectively leverage VMware’s advanced technologies to meet their mission-critical requirements and embrace the digital transformation of the modern era.

V3Gate is a **Service-Disabled Veteran-Owned Small Business (SDVOSB)** and **Minority-owned Business Enterprise (MBE)** that has assisted numerous federal agencies with implementing VMware Cloud Foundation.

V3GATE is recognized for excellence in data center modernization, data management, zero trust and cloud services.

To learn more, visit www.v3gate.com/partners/vmware

