Always Ready, Always Resilient

Enabling continued agency leadership with future-ready IT
Creating a dynamic technology foundation with VMware

COVID-19 has made one thing clear for federal agencies. Getting and staying prepared requires not only mastering the challenges of today, but always being ready for what might come next. For technology decision-makers, this means driving solutions that are agile and elastic, ensuring the design and delivery of critical services that can quickly adapt to the needs of communities and the federal agencies that serve and protect them.

What does it mean for federal IT?

Technology never stand still, as new challenges drive new priorities. As decision-makers work to deliver their own agencies’ services while collaborating and coordinating with others, technology teams are tasked with finding ways to keep pace:

• **Ensuring continuity of operations beyond the data center.** Agencies respond rapidly to changing needs by ensuring agency employees can work safely and securely from any location – office, home, or in the field – while enabling constituents and agency partners to access services on demand.

• **Building for seamless integration into the multicloud future.** Agencies face in moving workloads between private, public, and on-premises environments, as they work to stay agile and flexible while still being CloudSmart-compliant. Applications and infrastructure workloads must be portable and manageable across multiple environments with minimal retooling and maximum elasticity, especially when designing and delivering shared services.

• **New network needs must be met with streamlined simplicity.** Agencies can’t afford to accumulate new platforms, creating skills and infrastructure gaps that drive up cost and complexity. Technology teams must be able to quickly stand up and scale new networks, provision applications, and enable new services with a clear and consistent strategy.

• **Application, data, and technology workloads must be managed with maximum agility.** The development and delivery of agency applications has resulted in siloed structures and teams, where success depends on complicated hand-offs and cross-team coordination. The modern development paradigm brings those who build and those who run together: one team, one view, and the ability to quickly pivot, add capacity or shift strategies as needed.

• **Everything must be secured with layered defense at depth.** New capabilities are worthless if they don’t meet robust security and privacy requirements. A dynamic, intrinsic security strategy enables agencies to proactively protect systems from endpoint to edge, securing information and assets from real-world risks.
A critical challenge, and an urgent opportunity

Every agency is on its own technology path. Some agencies may be more or less prepared for shocks to the system that expose the need for greater IT resilience. At the same time constituent and partner expectations continue to become more demanding, often influenced by consumer application experiences. And agency employees continue to desire greater flexibility and ease of working on par with their private sector peers.

The march toward modernization can’t be avoided, but the pace and the path can be controlled. With VMware, agencies can enable remote workloads and application access and create a more resilient IT infrastructure while minimizing complexity and churn. Agency leaders, working closely with their technology teams, can invest in solutions that drive the robust readiness that will be key to managing what comes next.

Driving IT resiliency and diversity

Ensuring users have easy and secure access to the right applications is hard enough in a traditional workplace, putting a tremendous burden on both users and IT. The challenges of mobile collaboration and business continuity multiply those risks.

By virtualizing a complete desktop experience, VMware Workspace One simplifies the task. Users get unified, easy access to the tools they need across multiple devices, while IT consolidates the entire endpoint lifecycle, from provisioning through device recovery and reset if needed.

Embracing a multicloud future

The VMware cloud platform gives agencies a smarter, safer, more compliant path forward. Leveraging the skills and solutions your teams are already using, VMware creates a critical consistency in how workloads and data are managed, creating a single platform optimized for multiple destinations at once. And when unexpected or short-term needs drive demand for added or localized capacity, VeloCloud SD-WAN enables agencies to quickly scale and adapt.

Designing simpler, smarter networks

VMware NSX gives agencies a better platform for defining and delivering on a software-defined future. A streamlined, extensible platform for connecting virtualized networks, workspaces, and cloud environments. All with common management and security tools that let agencies focus on quickly building and delivering out new sites and services, worrying about mission first, technology second.

Modernizing government applications for improved employee experience, platform agility and mission impact

As virtualization leaders, VMware has been helping IT work smarter from the smart. Our Tanzu platform lets agencies leverage all the benefits of going “cloud native” without refactoring applications, reskilling, or starting from scratch. By seamlessly integrating new ideas like containerization and orchestration into your VMware-powered infrastructure, these solutions give you the best of today and tomorrow.

Reducing security risks of remote work and service delivery

VMware meets this need with a full-featured, full-stack intrinsic security solution that protects your agency from all angles: remote workspace to network to data center to operation center and back. With a holistic approach that includes capabilities like NSX data center segmentation and Carbon Black’s hyperintelligent endpoint protection agencies get unprecedented capabilities to protect citizen and employee data by securing your environment at every level so you can focus on your mission.

A trusted partner in confident transformation

VMware is proud to be a trusted transformation partner to a wide range of federal agencies inside the United States government, helping them maximize the impact IT has on their ability to serve their communities and partners. We understand the unique constraints facing today’s agency technologists and remain committed to delivering solutions that are innovative, budget-smart, and built for continuous mission success.
