

Modernize Federal Applications Without Added Complexity

Everpure for US federal civilian and defense agencies

Federal agencies are being asked to modernize faster at the exact moment infrastructure feels less predictable. Civilian agencies still spend more than \$100 billion annually on IT,¹ with about 80% going to operating and maintaining existing systems.² As of February 2025, only 3 of 10 previously identified critical legacy modernization efforts had been completed.³

Across defense agencies, the U.S. Department of War reports that DevSecOps is already producing faster deployment cycles, enhanced security, and greater operational efficiency⁴ because mission readiness now depends on software and IT agility moving faster than adversaries.

At the same time, the market has become more volatile. Federal agencies are navigating shifting licensing models, changing procurement economics, and less predictability across the infrastructure landscape. That creates more budget pressure and planning uncertainty at the exact moment teams are being asked to modernize faster, secure more data, and deliver resilient digital services.

That combination changes the conversation for federal leaders. This is no longer just a modernization problem. It is a velocity problem in a volatile market.

Why the old model is no longer sustainable

Most federal environments were built as a patchwork of separate platforms, tools, and operating models. That works until conditions shift. Every change in pricing, architecture, mission need, or compliance posture creates more rework, delay, and operational drag, especially in environments with stringent security and compliance requirements. For modern applications, that usually shows up as an infrastructure tax: teams wait on manual provisioning, fragmented data services, and day 2 operational work that slows delivery.

The Everpure advantage for modern application velocity

Everpure™ takes a different approach. Many federal teams still deploy Kubernetes on bare metal or connect container platforms to traditional storage with basic CSI drivers. That can be enough to stand up a cluster, but it is not enough to reliably run stateful, mission-critical applications at scale. Teams are often left stitching together manual provisioning, separate backup and disaster recovery tools, inconsistent security controls, and limited mobility for data across environments. In federal civilian and defense organizations, where modernization has to happen under stringent security, compliance, and resiliency requirements, that complexity becomes a drag on delivery.



Unified operations

Operate the full life cycle of stateful applications from a centralized management plane.



Beyond provisioning

Streamline backup, disaster recovery, data mobility, and day 2 operations in one platform.



Built for stateful scale

Run production stateful applications at scale with built-in protection, automation, and consistency across environments.

Here are five ways Portworx® by Everpure helps agencies move faster:

1. **Go beyond basic CSI** with Kubernetes-native storage and data management built for stateful applications, not just persistent volume connectivity.
2. **Automate delivery** with standard Kubernetes APIs and self-service data operations that integrate directly into existing CI/CD and platform engineering workflows, reducing tickets and manual storage work.
3. **Protect mission-critical applications** with Kubernetes-native backup, disaster recovery, encryption, and zero-RPO capabilities designed for stateful workloads from day 1.
4. **Modernize without disruption** by supporting virtual machines (VMs) on Kubernetes, allowing agencies to bridge legacy and modern applications while simplifying operations on a common platform.
5. **Unify operations** with one data management layer across on-premises, edge, and public cloud Kubernetes environments, avoiding siloed tools and reducing lock-in.

With Portworx, you get modern application velocity with enterprise-grade resilience, protection, and control without adding more fragmentation.

Built to handle volatility, not just modernization

The Everpure advantage is not just about helping agencies deploy containers. It is about giving them an operating model that can absorb change. The broader platform message of Everpure is built around cost predictability, operational efficiency, and one model across on-premises and cloud environments. In that model, Portworx is the piece that delivers modern application velocity without introducing extra complexity as applications evolve.

For federal agencies, that means a more practical path forward:

- Modernize legacy and net-new applications on Kubernetes at your own pace.
- Improve resilience and continuity without bolting on more point tools.
- Reduce the drag of separate VM, container, cloud, and data silos.
- Keep innovation moving even when budgets, contracts, and infrastructure markets are under pressure.

The outcome

In a volatile market, federal agencies need more than a container platform. They need a way to accelerate application delivery, protect mission-critical data, and simplify storage operations from a single solution. Portworx by Everpure helps federal agencies do exactly that: move faster, stay resilient, and modernize on a platform built for change.

Additional resources

- Learn more about the [Everpure Platform and how it supports federal and government missions](#).
- Learn more about [Portworx](#).

Explore the Portworx Platform

1 | GAO-25-107795, "Information Technology: Agencies Need to Plan for Modernizing Critical Decades-Old Legacy Systems," 2025. 2 | GAO-25-107795, "Information Technology: Agencies Need to Plan for Modernizing Critical Decades-Old Legacy Systems," 2025. 3 | GAO-25-107795, "Information Technology: Agencies Need to Plan for Modernizing Critical Decades-Old Legacy Systems," 2025. 4 | U.S. Department of Defense (Department of War), "The State of DevSecOps," 2025.

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