

5 Reasons Why Government Must Embrace the Cloud

The mandates are clear: Federal government must move to the cloud

The push for cloud adoption in government isn't just a recommendation – it's an [executive order \(14028\)](#):
"The Federal Government must... accelerate movement to secure cloud services, including Software as a Service (SaaS), Infrastructure as a Service (IaaS), and Platform as a Service (PaaS)."



OrbusInfinity Government

A secure, cloud-native enterprise architecture platform available on the [FedRAMP Marketplace](#).

While mandates like this emphasize the urgency of cloud adoption, the benefits extend far beyond compliance. Here's how the cloud transforms government operations:

1

Cost efficiency

Why it matters: Government agencies need to free budget from maintaining legacy systems to fund modernization, service improvements, and AI-driven capabilities.

How OrbusInfinity Government helps:

- **Target the right migrations for maximum ROI:** Build application inventories, map business value, and run "what-if" scenarios (rehost/replatform/refactor) to prioritize migrations with the strongest Total Cost of Ownership, ROI, and quick-win savings.
- **Eliminate redundant technology and reduce ongoing spend:** Use dedicated tools for IT portfolio rationalization, rightsizing, and decommissioning opportunities that are surfaced via cost/utilization analytics and FinOps-aligned controls.
- **Turn enterprise architecture (EA) into hard savings:** Integrate EA with Continuous Delivery (CD) programs to enforce cost guardrails automatically (tagging, budgets, rightsizing), verify spend vs. outcomes, and retire underused assets – locking in savings post-migration.

US federal government agencies rely on **tech as old as 60 years**, costing \$337 million annually to maintain. Outdated IT consumes **~80% of the federal IT budget**.

[U.S. Government Accountability Office](#)

2

Scalability and flexibility

Why it matters: Demand spikes, new mandates, and changing workloads require rapid scalability that on-premises data centers struggle to deliver.

How OrbusInfinity Government helps:

- **Architect for elastic agility:** Model target states (IaaS/PaaS/SaaS, containers, serverless), simulate demand spikes and autoscaling, and align workloads to the most flexible platforms.
- **Scale consistently across the agency:** Standardized landing zones, reusable reference architectures, and governed APIs/data/identity enable rapid and compliant multi-cloud scaling.
- **Keep modernization executable and adaptable:** Dependency-aware roadmaps mapped to CD programs turn standards into deployable blueprints, with real-time performance dashboards to drive latency, reliability, and capacity.

72% of CIOs plan to increase public cloud spend, and experts cite 3-10x capacity gains – ideal for sudden spikes, new mandates, or market surges – that on-premises hardware can't handle as quickly.

[US Department of the Treasury](#)

3

Data security, compliance, and disaster recovery

Why it matters: Data loss is costly and erodes public trust. Agencies need to minimize blast radius, prove compliance, and recover quickly.

How OrbusInfinity Government helps:

- **Build security and compliance into the blueprint:** Map data lineage and classification, align workloads to reference architectures, and trace NIST controls to apps, data stores, and flows – ensuring compliant-by-design cloud deployments with audit-ready evidence.
- **Standardize and automate protection at scale:** Landing zones with identity, network, and logging – plus Policy-as-Code and Infrastructure-as-Code templates – apply encryption, access, retention, and monitoring consistently across agencies, preventing drift and simplifying continuous compliance.
- **Engineer resilience you can prove:** Portfolio-wide dependency mapping and “what-if” failure analysis select fit-for-purpose disaster recovery patterns and provide centralized incident views to coordinate response and reduce Mean Time to Recovery.

In 2023 alone, federal agencies reported over 32,000 cybersecurity incidents, up 5% from 2022.

[Statista](#)

Average cost of US data breach is \$10.22 million in 2025.

[IBM](#)

4

Collaboration

Why it matters: Government teams often operate in silos, relying on disconnected legacy systems that hinder collaboration and slow decision-making. Modernizing with cloud-based platforms enables seamless teamwork, faster project delivery, and better alignment across departments.

Governments are leveraging cloud to break down jurisdictional silos and barriers to improve data-sharing and integration across government levels, enabling 10x improvements in efficiency and productivity.

[Deloitte](#)

How OrbusInfinity Government helps:

- **Shared clarity, faster delivery:** A single source of truth with standardized reference architectures, templates, and decision records lets cross-agency teams align quickly, reduce rework, and accelerate shared solutions.
- **Coordinated execution at scale:** Dependency-aware roadmaps, clear ownership/RACI, and integration with collaboration tools synchronize multi-team releases and keep plans visible and actionable.
- **Interoperability by design:** Governed APIs, data contracts, and multi-cloud/hybrid standards enable secure, vendor-agnostic collaboration – unlocking reusable services, co-funding opportunities, and consistent change management.

5

Public service delivery

Why it matters: Citizens expect simple, inclusive, mobile-first public services that work for everyone. Cloud-based platforms standardize service delivery and support accessibility compliance at scale, reducing wait times, repeat contacts, and administrative burden.

How OrbusInfinity Government helps:

- **Prioritize what matters to citizens:** Map capabilities to services to target migrations that boost availability, speed, and experience for the highest-impact public services first.
- **Deliver resilient, scalable digital services:** Model cloud-native target states, test peak-load “what-ifs,” and standardize landing zones and identity to ensure 24/7, low-latency reliability.
- **Improve continuously with clear line of sight:** Tie service KPIs to architecture components, govern APIs/data for integrated one-stop services, and keep a single source of truth synced with Continuous Integration/CD for rapid, compliant iteration.

By integrating citizen interactions and data across channels, cloud platforms can trigger automated workflows, personalizing engagements, reducing wait times, and avoiding repeat contacts.



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Interested in learning more?