

SMARTER HYBRID STORAGE FOR U.S. PUBLIC SECTOR MISSIONS

At NetApp® U.S. Public Sector, we deliver world-class data management so that federal, defense, and civilian agencies can focus on mission outcomes—not storage headaches.

The challenge

Data volumes are exploding, yet public cloud providers charge per-gigabyte and per-object fees with no inline deduplication or compaction. Together, we address our customers' complex issues, enabling seamless analysis and efficient management of operating and maintenance budgets. By leveraging a collaborative multicloud approach, we enable you to achieve the best performance and price without being locked into a single-cloud model.

A NetApp hybrid cloud is the answer

From defense readiness at the sharp end of the spear, to shaping public policy and coordinating humanitarian aid, you rely on fast, secure access to massive archives of imagery, sensor feeds, and mission records to get the job done.

Deploying NetApp ONTAP® systems on premises or in a cloud-adjacent co-location (Equinix, QTS, Lumen, Vultr, etc.) delivers the performance and cost savings you need to run efficiently wherever your data resides. For example, demo work done with Equinix Fabric and built-in data reduction showed that you can:

- Gain up to 80 percent storage savings on raw imagery without sacrificing quality or access speed.
- Keep your familiar AWS S3 API and tools, bursting into AWS, Azure, or Google Cloud only when needed.

OUR SOLUTIONS IN ACTION

- In our AFRL "GREEN07" case study, 6.5 GB of raw NITF imagery was compressed to ~1.2 GB with NetApp ONTAP—an 80% reduction with no change in image quality or access speed. Pre-compressed HTJ2K files remained at 86 MB, so you never pay twice for compression.*
- A side-by-side video-transcode demo of FFMPEG jobs reading/writing the same ONTAP S3 store averaged 23.1 minutes per 1 GB clip with an on-prem Equinix solution; it averaged 22.9 minutes with AWS EC2—within 1% of each other. With NetApp deliver cloud-style agility on premises.

- Turn unpredictable pay-per-use costs into a predictable subscription OPEX with one global namespace that ties on-premises and multicloud storage into a single, consistent platform.

Rely on a trusted partner

NetApp is accredited, deployed, and trusted across government organizations. With our solutions you can stretch shrinking budgets to store more data for less, simplify operations with a single data platform everywhere, and mitigate risk with enterprise-grade security, compliance, and zero-downtime upgrades.

Do more mission-critical work with less budget

Let us prove the numbers in your environment. Contact your NetApp Client Executive today to schedule a custom proof of concept.

* Lab results based on ONTAP 9.16.1 preview against AFRL "GREEN07" archive. Actual results will vary by workload and environment.



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