HPE hybrid cloud solutions for public sector

Cloud-connected data storage management for public sector industry applications with on-premises security and performance

Get higher performance levels and guaranteed availability of up to 100% for your business-critical retail applications with the HPE hybrid cloud product portfolio.[1]

Public sector technology trends

The public sector must manage several simultaneous challenges, which include rising citizen expectations around services, the need to reduce cost and public debt, resilience regarding crises, addressing the digital skills gap, and the growth of cybersecurity threats. The industry represents a range of segments including education, defense, law enforcement, healthcare, and transportation.

Organizations are investing in digital technologies to enhance national security. There is a strong demand for solutions to digitally transform public health infrastructures. Civilian agencies are aggressively investing in digital transformation to improve citizen services. Defense agencies are procuring security, 5G, and AI solutions to enhance mission effectiveness.

Benefits of HPE Storage include:

- Transforming with flexible, always-on enterprise storage
- Unleashing the value of your AI and analytics workloads
- Modernizing data protection across hybrid cloud

[1] "HPE Uptime guarantees that deliver," HPE, 2024.

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HPE hybrid cloud for public sector

HPE hybrid cloud solutions for public sector can achieve 100% guaranteed availability and leading performance with 53% faster SQL Server queries than on earlier-generation systems[2] through the latest all-NVMe system technologies. HPE has a broad solution portfolio including digital government, government research and intelligence, smart cities and spaces, and HPE Storage for video surveillance, plus the ability to provide these as an HPE GreenLake cloud service that is pay as you go.[3]

HPE hybrid cloud products include a cloud-based storage-as-a-service platform that simplifies the setup, configuration, and administration of data storage infrastructure, enabling a fast refresh for aging environments. It allows for the consumption of infrastructure as a service, aligning with hyperscaler alternatives but uniquely preserving the on-prem presence and control of data storage resources. This helps ensure the privacy, security, and performance of the organizations' most important data and applications.

How HPE hybrid cloud offerings enable valuable public sector industry solutions

HPE Private Cloud AI: HPE Private Cloud AI is a full-stack private cloud infrastructure offering that simplifies the management of fragmented technologies and accelerates time to value for AI initiatives. This turnkey solution is designed to harness data for real-time insights and automation. HPE Private Cloud AI enables many public sector applications including chatbots for citizen engagement, automated public safety, and cybersecurity threat analysis.

HPE Alletra Storage MP B10000: This offering delivers mission-critical data storage at midrange economics with the industry's only disaggregated, scale-out block storage with a 100% availability guarantee.[4] Managed through HPE GreenLake, this unique block storage offering brings an on-premises cloud experience, efficient scale, and extreme resiliency and performance to mission-critical workloads.

HPE Alletra Storage MP Disconnected: This new storage offering delivers the cloud operational experience of the HPE Alletra Storage MP B10000 while allowing the management of storage infrastructure in a disconnected environment. Security-conscious public sector customers can now run the newest HPE data storage within a dark site environment to meet security or regulatory requirements.
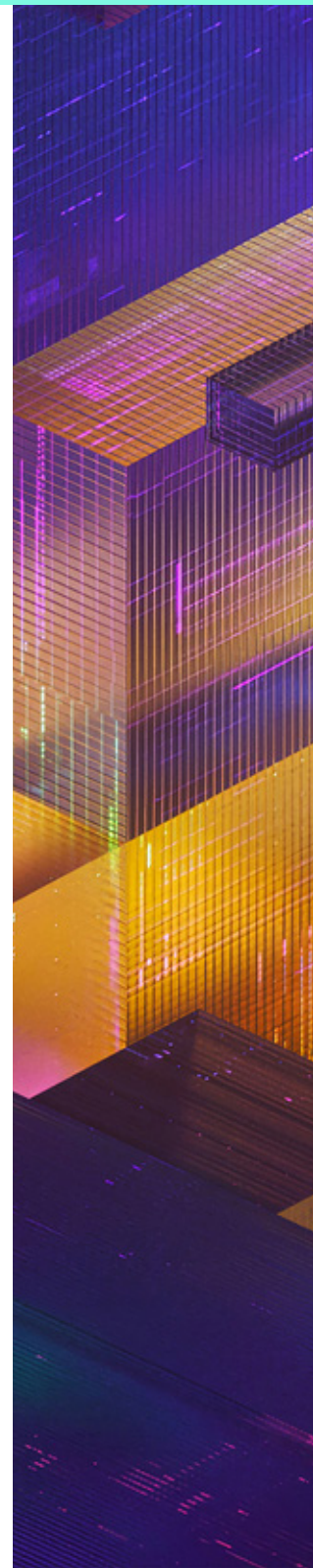
HPE GreenLake for File Storage: This product delivers mission-critical performance at AI scale to accelerate the most data-intensive applications. It provides radically simple file data management for an intuitive cloud experience and empowers data science teams with rich data services to speed time to insight. Built on the HPE Alletra Storage MP modular hardware platform, it delivers scalable performance through a unique modular, flexible architecture, helping eliminate hardware silos and islands of data.

Video surveillance for smart cities and spaces: HPE has an established hybrid cloud video surveillance solution, which is especially relevant for public sector organizations. Video surveillance can improve public safety and reduce crime and is a key part of intelligent analytics solutions.

[2] Based on internal testing, HPE Alletra Storage MP B10000 compared to HPE 3PAR 8440, May 2024.

[3] May be subject to minimums or reserve capacity may apply.

[4] "HPE Uptime guarantees that deliver," HPE, 2024.

Get started

HPE hybrid cloud solutions for the public sector deliver cloud-connected data storage management for leading public sector industry applications but with on-premises security and performance. These solutions span numerous sector use cases, and they provide the highest levels of performance and guaranteed availability of up to 100%.

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