NetApp Solutions for State Government

Data is one of state government's most valuable assets.
Now it's a critical requirement.

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A large state transportation authority used **Azure NetApp® Files** to improve the virtual desktop performance for its 70,000 users. Before Azure NetApp Files, bandwidth and performance issues made working from home impossible for over 10% of its workforce. Now 7,000 more users are able to be online.

The New Normal for State Governments

In today's technology-driven and data-driven world, a crisis such as the COVID-19 pandemic can quickly expose weaknesses in a state's emergency preparedness. With budgets and workforces stretched to the limit, state governments are scrambling to adjust to what is quickly becoming the new normal.

An inability to adapt to increasing work from home (WFH) requirements, unlock data silos for critical decision making, and deliver continuous citizen and safety services can put the health and welfare of citizens at risk and threaten economic disruption. To avoid this struggle in the future, states need to develop long-term plans now. They must invest in technologies that enable them to securely support ongoing management of WFH platforms, share and draw on citizen data to guide informed policy decisions, and maintain business continuity for critical services. And they must do all of this while managing uncertain budgets and revenue shortfalls.

Stay a Step Ahead

NetApp has been working side by side with state government clients for over 25 years. We've helped states develop innovative data management solutions to respond to earlier crises such as 9/11, the financial crisis of 2009, Superstorm Sandy, and Hurricane Katrina. These crises challenge states to respond to the needs of their citizens in new and unique ways. NetApp provides solutions and services to help you address immediate requirements while preparing you for a more sustainable future. Our experts can help assess where you are today and how you can take advantage of the NetApp® portfolio of solutions to move forward for long-term success. We can help you drive better application performance and lower costs while meeting security and data accessibility requirements across on-premises and cloud environments.
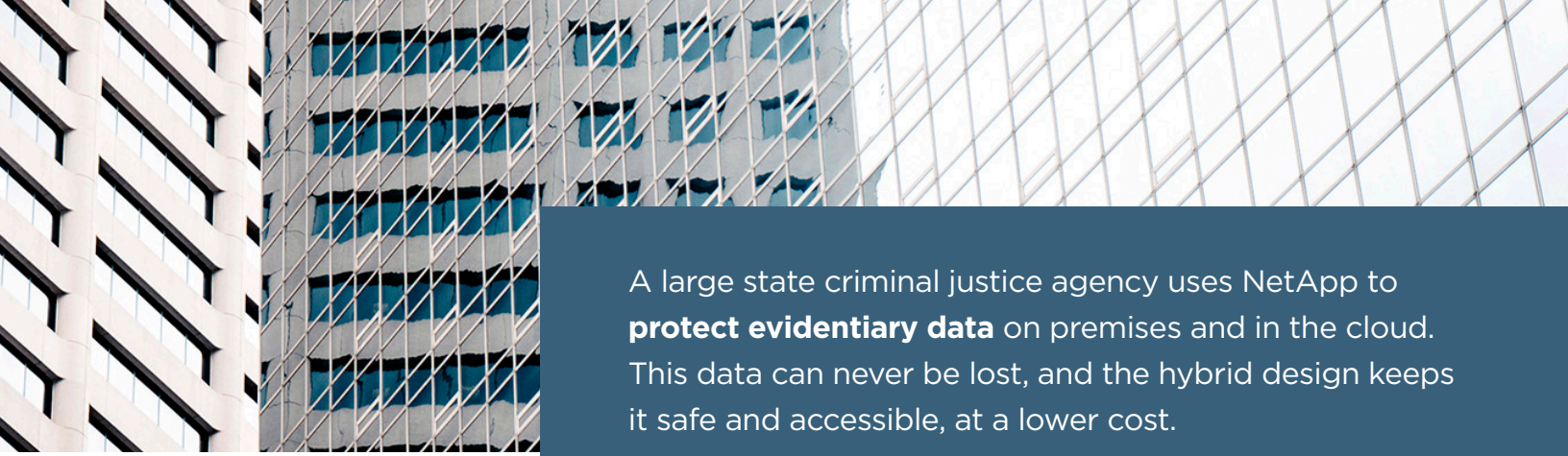
Your data needs to be always available and easily consumed. NetApp can help you build a data fabric that simplifies how you manage, move, and protect data in a hybrid multicloud world. Only NetApp partners with all three of the world's biggest clouds—AWS, Microsoft Azure, Google Cloud—to create a unified data experience from your data center to the cloud of your choice. Industry-leading partnerships and proven, integrated solutions help reduce risk, accelerate deployment, simplify management, and lower TCO.

What Is a Data Fabric?

A data fabric is an architecture and a set of data services that provide consistent capabilities across a choice of endpoints that span on-premises and multiple cloud environments.

A data fabric enabled by NetApp simplifies data management across the hybrid cloud—managing your data with a single operating system—to accelerate digital transformation. It delivers integrated hybrid cloud data services for data visibility and insights, data access and control, and data protection and security.

Our state government team can help you build and optimize your data fabric. To learn more, contact your account team.

A large state criminal justice agency uses NetApp to **protect evidentiary data** on premises and in the cloud. This data can never be lost, and the hybrid design keeps it safe and accessible, at a lower cost.

So, Everyone's Working from Home. Now What?
Working from home is uncharted territory for many government organizations and agencies. In response to the COVID-19 crisis, many states have rushed to deploy computers, telephony, video, and numerous IT services to end users to support business operations remotely.

Although cloud services enable rapid deployment and burst capabilities to support changing demand, increased cost of public cloud services can put additional strain on already deteriorating budgets. Performance issues can reduce productivity and the ability to deliver critical services in a timely manner. And some WFH solutions can increase vulnerability to cyberattacks and ransomware.

NetApp assessment services can help you adjust and plan for a new reality that requires WFH solutions. Our team can assess your current environment and make recommendations for how you can support WFH in the most secure and cost-effective manner. Our on-premises and cloud-based virtual desktop solutions can help you optimize your current platforms with improved performance and lower costs at scale. Integrated security features span our portfolio of hybrid cloud solutions to help keep your data secure and private wherever it resides.

As you adjust and plan for this new reality, NetApp enables you to scale your WFH requirements up or down within a secure, cost-effective architecture that brings immediate improvements and long-term sustainability.

A large state IT services agency conducted a **Service Design Workshop** with NetApp that led to a new data management solution, providing automated tiering across **all-flash, object storage** and Amazon S3 to AWS. Automating storage management reduced operational costs enough to fund a new application modernization effort for the agency.

A large state financial services agency identified over $10,000 per month of orphaned cloud data storage costs through a **NetApp Cloud Design Workshop**. The solution, which included **NetApp Cloud Volumes ONTAP® for AWS**, offered storage efficiencies that reduced the customer's annual storage costs by over $100,000.

Data Access Has Never Been More Important

Rapid access to data is key to getting back to business and restoring daily life after a crisis. States now need to use historical and current datasets to correlate citizen information across systems, agencies, and technologies to enable new services such as contact tracing and virus testing. To meet increased data accessibility demands for applications supported by the Department of Labor, Health and Human Services, and more, many states have spun up applications in the cloud.

However, many of these systems are siloed and prevent agencies from sharing and accessing relevant data to make informed decisions. Many states simply cannot share information across systems because of security regulations, integration challenges, and legislative requirements.

NetApp can help. Our assessment services and solutions, such as NetApp Cloud Insights, can identify where and how your data is stored today and determine the steps required to make it more accessible and secure, at a lower cost.

Our industry-leading AI and data pipeline solutions, developed in partnership with NVIDIA, make your data more accessible across applications that require higher performance. Open APIs and direct integration with the world's largest clouds let you share data more effectively. Support for Ansible and ServiceNow facilitates standardization, automation, and collaboration—all while meeting compliance and performance requirements.

Business Continuity Takes Center Stage

When disaster strikes and a state is underprepared, it puts the health, financial well-being, and privacy of its employees and citizens at risk. The current crisis has left some states struggling to deliver basic services such as payroll, unemployment, licensing, data access, and virtual desktop services.

NetApp can help you design and deploy a data management solution to protect your state's citizens, businesses, and reputation. Together, we can identify where and how your data is stored today and uncover opportunities to proactively protect and optimize your environment with advanced data collection and analytics capabilities.

Integrate your data natively with automation tools and services from the world's largest cloud providers to enable automated provisioning of services based on user profiles and cost metrics. Integrated data protection and security features help keep your data secure and private as you look to extend its reach and value.

Next Steps

- Visit our Remote Worker resource page
- Visit our Telehealth resource page
- Explore NetApp cloud data services
- Try Azure NetApp Files
- Contact your NetApp sales representative or inquire about a Storage Service Design Workshop

About NetApp

NetApp is the leader in cloud data services, empowering global organizations to change their world with data. Together with our partners, we are the only ones who can help you build your unique data fabric. Simplify hybrid multicloud and securely deliver the right data, services, and applications to the right people at the right time. Learn more at **www.netapp.com**.

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