Nasuni for state and local government

Save on average 50% by storing, sharing, and protecting large, complex files with cloud file services

Steady growth in the size, volume, and complexity of files has forced organizations in many different industries to rethink the way file data is stored, shared, and protected. State and local governments, departments, and agencies are saddled with many of the same challenges as the world's leading global enterprises – but budgetary constraints limit their options for addressing these file pains.

A state Department of Transportation alone may be charged with managing airports, interstate highways and freeways, traffic intersections, even heliports – and all the file data and video associated with each. Construction projects only add to the volume and complexity. Autodesk Civil 3D, Revit, and other sophisticated tools produce large files exceeding hundreds of megabytes. A single Lidar image alone can now exceed 1GB.

Local edge hardware reduced up to 98% and never run out of disk space again

Cloud scale, local performance with Nasuni Edge Appliances and optimized caching

Traditional backups are a thing of the past with continuous snapshots keeping you safe

High-speed global file synchronization to access project files at any office and site location

Optimized for EC applications lets designers and engineers work with teams across departments

Other state departments have similar file data management headaches. The Department of Fish and Wildlife, for example, compiles the same construction files for projects, plus GIS data, and more. For IT, this data explosion puts tangible stress on hardware and bandwidth resources. Updating and maintaining traditional Network-Attached Storage (NAS) and file servers requires an endless cycle of costly, time-consuming hardware expansions and refreshes — at a time when tax revenues, and budgets, are shrinking.

File growth also strains existing backup and disaster recovery plans. A single project that takes days to restore impacts delivery schedules, adds more idle labor costs, and potentially incurs contractual delay penalties.

Nasuni cloud file services for state and local agencies

The Nasuni platform is currently delivering cloud file services to over 6,000 locations in 70 different countries. Nasuni is designed to work with files of any size, volume, or complexity, and the platform has proven particularly successful with the architecture, engineering, and construction leaders — and their large, complex files — often enlisted for state projects. AECOM, APi Group, HOK, JE Dunn, Laing O'Rourke, Kiewit, Perkins+Will, Pennoni, Thornton Tomasetti, and Walsh have all turned to Nasuni to modernize and streamline their multi-PB file infrastructures.

Now state and local agencies such as departments of Transportation, Natural Resources, General Services, Fish and Wildlife, Parks and Recreation, Motor Vehicles, Housing and Community Development can all enjoy the same cost and modernization benefits as the world's largest companies.

Nasuni is designed to work with files of any size, volume, or complexity.

The prime advantages include:

Green consolidation

Nasuni enables state and local agencies to consolidate file data in cloud storage (e.g. AWS S3, Microsoft Azure Storage) instead of leaving it siloed on traditional, on-premises file servers or NAS. Free from physical device constraints, the combination of Nasuni and cloud storage offers limitless, scalable capacity on-demand, while maintaining fast, local access through lightweight Nasuni Edge Appliances that cache active files on-premises.

By consolidating file infrastructure to the cloud, your agency will enjoy a significantly smaller data center footprint, reducing rack space, power consumption, and hardware management. A typical Nasuni customer reduces their NAS on-premises infrastructure by 90%, which satisfies almost all state, local, and federal green/environmental initiatives.

Average of 50% cost savings

State and local agencies that modernize their infrastructure with Nasuni will no longer need traditional backup software, media servers, tapes, archival storage, or any other additional data protection. On average, Nasuni clients save 50% relative to traditional NAS infrastructure and backup.

Furthermore, Nasuni is easier to budget, with none of the unforeseen capital expenditures associated with traditional NAS storage.

Simpler IT administration

The Nasuni Management Console offers "single pane of glass" controls, so IT administrators can manage their new, cloud-based file infrastructure with simplicity and speed — all without having to travel across the state or operate onsite.

Business continuity

Once files move out of physical data centers and into the cloud with Nasuni, file infrastructure becomes far more resilient. Nasuni has already helped numerous global organizations transition their workforces to remote, work-from-anywhere scenarios in the wake of the COVID-19 pandemic. Once your files are stored and managed in the cloud with Nasuni, they remain available even in the event of local, regional, or even global disasters.
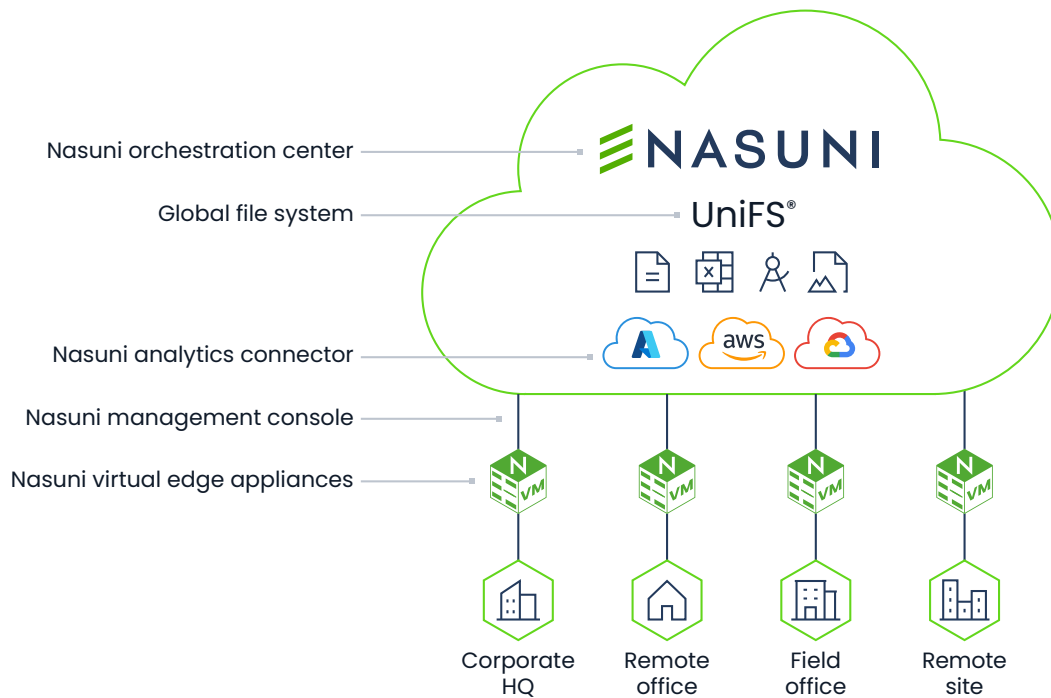
Productivity & collaboration

The basic inability to quickly and easily share files between locations contributes to major project delays and cost overruns, not to mention a potential poor experience for constituents. Sharing files within departments, from one site to another, or even between government agencies and outside contractors becomes much simpler with Nasuni.

Nasuni has also been optimized to support some of the most popular software packages like AutoCAD, Revit, InRoads, RevU, Sketchup, and more. For end-users, nothing changes with their day-to-day workflow, but the time it takes to access and collaborate on shared files will be greatly reduced.

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Nasuni capabilities for modern state and local agencies

Nasuni is tailor-made for modern state and local agencies that operate in multiple locations and want to take advantage of next-generation file services.

Nasuni orchestration center
Global file system
Nasuni analytics connector
Nasuni management console
Nasuni virtual edge appliances

NASUNI
UniFS®

Corporate HQ
Remote office
Field office
Remote site

Nasuni capabilities for state and local governments

Nasuni is designed for global organizations that operate in multiple locations and want to take advantage of next-generation file services.

Unlimited file storage
End users will never again complain they are out of file server space

Built-in backup
File changes are continually captured in all locations for fast, any-point-in-time recovery

Optimized for large files
Files produced by CAD 3D, AutoCAD, and large files are easily accessed and shared

File sharing
Work on files safely from any location with file locking

Local network speed
Users will continue to enjoy fast file access at local network speeds

Work from anywhere
Support workers at the office, home or cafe