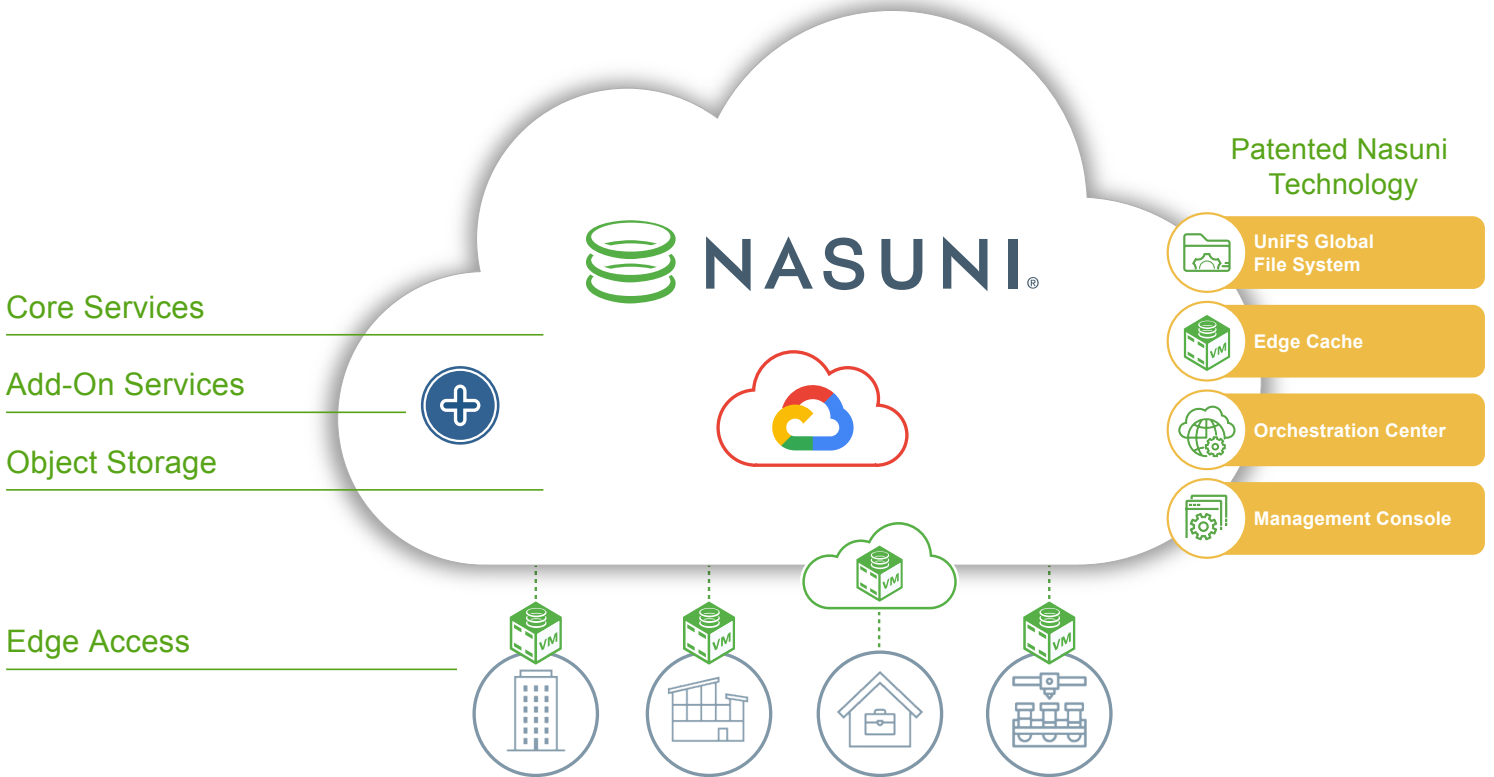


# Nasuni File Data Platform for Google Cloud

Making your files accessible from anywhere and protected from anything




## Overview

Nasuni is a leading provider of file data services, including file storage, backup, ransomware protection, and file access for hybrid workers. The Nasuni File Data Platform is a cloud-native replacement for traditional network-attached storage (NAS) and file server infrastructure, but with many more advanced capabilities. Nasuni consolidates file data in easily expandable, highly-durable Google Cloud object storage at a fraction of the cost of on-premises or other cloud solutions. Nasuni File Data Services delivers a scalable, innovative platform for digital acceleration, cyber threat reduction, and business productivity, all within a unified administrative experience.

## Unique Benefits of Nasuni

Because Nasuni was natively built for the cloud, customers benefit from all that it offers, including:

-  **Cost Avoidance:** Accelerate cloud-first initiatives to lower infrastructure costs
-  **Dramatic Risk Reduction:** Immediately minimize the business impact of cybersecurity threats
-  **Business Productivity:** Flexibility and freedom to make strategic choices that align data access to the business
-  **Operational Efficiency:** Single administrative experience simplifies management and reduces the burden on IT resources

## Built-in File Data Services

Every Nasuni customer enjoys the same core set of integrated file data services that replace alternative multiple, stand-alone products and technologies.

### File Storage Without Limits

Nasuni unshackles your infrastructure from volume and file limitations. Gain the flexibility to align your file storage to the business and easily adjust as needed. Files are easily accessed and shared via industry-standard SMB and NFS protocols from Windows, Linux, and macOS clients.

### Data Protection

Nasuni Continuous File Versioning® takes snapshots as often as every minute and stores them as immutable versions without any retention limits (RPO). It offers IT a point-and-click version catalog that enables petabytes of file data and millions of files to be restored in minutes (RTO). After a natural disaster or hardware failure, built-in disaster recovery takes only 15 minutes to recover access to impacted file shares.

### Security

Nasuni encrypts all file data with AES-256 encryption to ensure that the data is secure in transit to and at rest in cloud object storage. Customers create and hold the encryption keys, so neither Nasuni nor the cloud provider can decrypt or view the file data. Nasuni uses role-based access with Microsoft Active Directory authentication and groups to permit only authorized IT administrators and support staff to access specific management features. Nasuni also uses an independent cloud-based control path service that separates command-and-control functions from the data path, ensuring that no customer data is ever shared with Nasuni or cloud providers.

### Multi-cloud

The Nasuni certified and tested connectors for public cloud object storage solutions such as Google Cloud and private cloud solutions such as Dell EMC ECS, Pure Storage FlashBlade, and NetApp StorageGRID, give customers the flexibility to store their data in whichever cloud makes sense for their business.

### File Synchronization

With Nasuni you improve your workforce productivity by synchronizing files to a single global file system through a cloud native orchestration center. Nasuni Global File Synchronization propagates new and changed file data to other locations, so geographically distributed users are constantly working on the latest version of every file.

### Edge Performance

Lightweight Nasuni Edge virtual machines can be deployed on-premises or in the cloud to intelligently cache copies of frequently accessed data from cloud object storage for high-performance access. Nasuni Edges support VMware ESX, Microsoft Hyper-V, and Nutanix AHV for on-premises deployments and Google Compute Engine for cloud deployments. Nasuni continually applies data and metadata analysis to predict the file data most likely to be accessed and evict data that is less likely to be accessed, maximizing Nasuni Edge cache utilization.

### App Integration

Nasuni integrations with leading design apps such as AutoCAD, Adobe Creative Cloud, BIM360, and Revit, and workflow management tools including Siemens Teamcenter PLM, Azure Power Automate, and Workato optimize worker productivity and multi-site file synchronization. Integrations with reporting, logging, and auditing applications ensure that administrators have the accurate information they need to improve and manage crucial business applications.

### Extensive Protocol Support

Nasuni supports access to files through standard SMB (CIFS), NFS, FTP/SFTP, and HTTPS file-sharing protocols for Microsoft Windows, Linux, and macOS with advanced support for extended macOS file attributes and metadata allows for easy file sharing across all environments.

## Add-on Services

Nasuni offers additional services for:

### Ransomware Protection

The Nasuni Ransomware Protection add-on service proactively defends file shares, stops attacks, and provides detailed incident reports of files affected by ransomware to system administrators and other security platforms. Combined with the Nasuni File Data Platform's core data protection and rapid recovery capabilities, it delivers enhanced ransomware resilience for file shares, so that users can rapidly return to productivity when attacks occur, regardless of the amount of data or where that data is located.

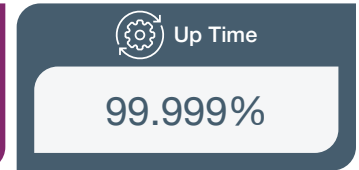
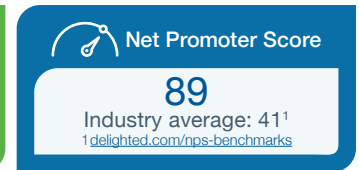
### Access Anywhere

The Nasuni Access Anywhere add-on service delivers high-performing, secure file access for remote or hybrid users. Users can share content in corporate file shares with external parties via a traceable, scalable solution without compromising performance, or security. Nasuni Access Anywhere allows users to have visibility and manage their files without letting poor connectivity or VPN issues hinder their productivity.

### Multi-Site Collaboration

Nasuni's Multi-Site Collaboration add-on service takes collaboration to the next level. Global File Lock (GFL) helps prevent version conflict by allowing only one user at a time anywhere in the world to open a file for editing locking it for everyone else. GFL alerts users when files are locked, with the option to open them read-only or create a local copy. Global File Acceleration performs near real-time analysis of file system usage to prioritize where files are propagated first, ensuring the fastest project collaboration possible.

## Best-in-Class Customer Satisfaction



## Nasuni Patented Technology

The Nasuni File Data Platform provides a robust set of services with five key patented technology components that significantly reduce IT complexity and administrative overhead.



**UniFS® Global File System** scales without limits in Google Cloud, eliminating the capacity, volume, snapshot, and file size constraints of hardware-based file systems.



**Nasuni Orchestration Center** is a zero-maintenance control path built on elastic, multi-region cloud services that enables file data to be shared across locations at any scale and without version conflict.



**Nasuni Edges** are on-premises virtual machines, and cloud-based compute instances that cache copies of frequently accessed files wherever high-speed file data access is needed.



**Nasuni Management Console** is a web-based interface for managing, provisioning, and reporting on Nasuni Edges, volumes, snapshots, recoveries, protocols, and file shares through a single, centralized pane of glass.



**Nasuni APIs** are industry standard interfaces that enable Nasuni to be programmatically controlled by scripts or third-party workflow solutions to automate provisioning, reporting, chargeback, and other file data management functions.



### ABOUT NASUNI CORPORATION

Nasuni is a leading file data services company that helps organizations create a secure, file data cloud for digital transformation, global growth, and information insight. The Nasuni File Data Platform is a cloud-native suite of services offering user productivity, business continuity, data intelligence, cloud choice, and simplified global infrastructure. The platform and its add-on services replace traditional file infrastructure, including Network-Attached Storage (NAS), back-up, and DR, with a cloud-scale solution. By consolidating file data in easily expandable cloud object storage from Azure, AWS, Google Cloud, and others, Nasuni becomes the cloud-native replacement for traditional NAS and file server infrastructure. For more information, visit [www.nasuni.com](http://www.nasuni.com).