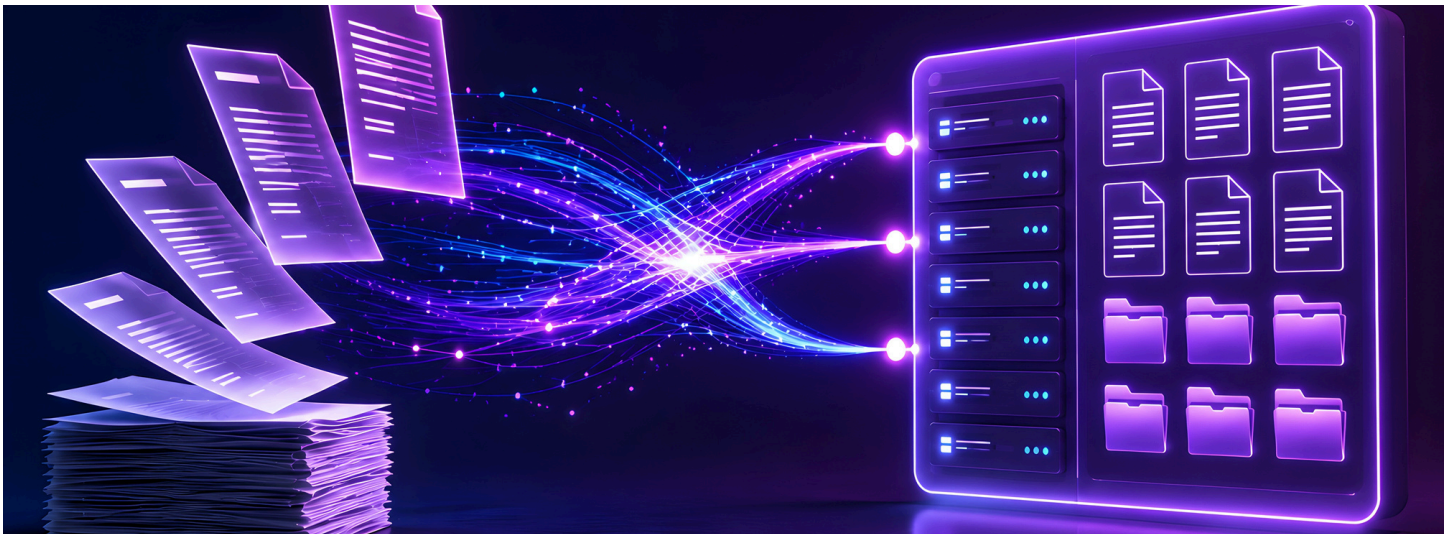


Resilio

Enterprise-grade file access on the storage you already own.

Resilio is a software-only solution that gives every user, server, and remote site fast, secure access to the same files. It runs entirely on the customer's own storage and infrastructure, behind their own firewall. A single agent and management console supports three core use cases: VPN-less hybrid work, multi-site server synchronization, and edge file synchronization.

/ The challenge

Enterprise file infrastructure wasn't built for how data moves today.

Your teams work with large, complex files every day: CAD assemblies, BIM models, GIS datasets, and RAW media. But moving that data between sites and edge locations still relies on VPN tunnels that choke on large transfers, cloud platforms that demand migration and per-user fees, or legacy replication that can't keep pace.

The result: slow access, duplicated effort, and a growing gap between where your data lives and where your teams need it.

Meanwhile, the bar is higher. AI is arriving alongside distributed work and data growth, and 97% of organizations have deployed or are piloting AI agents, but only 18% have reached enterprise-wide deployment. Inconsistent, ungoverned file access is a leading blocker. Enterprises need a file layer that is fast for people, governed for compliance, and ready for AI, at scale.

VPN bottleneck	Remote users blocked on large files. VPN tunnels were never built for multi-gigabyte CAD, BIM, GIS, or media workloads.
Workgroup limits	Earlier remote-access tools hit ceilings on share size, file count, and user provisioning that block enterprise-wide rollout.
Migration pressure	Pressure to abandon your storage, security, and DR for someone else's cloud just to solve remote access.
Version conflicts	Lost work and overwrites on shared project assets across distributed teams working from different locations.
AI readiness	AI agents can't reach your file data if it's scattered, ungoverned, or locked behind tools that don't attribute activity to real users.

/ The solution

Resilio: From workgroup to enterprise

Local-disk performance from anywhere
File streaming and policy-based caching deliver exactly the bytes applications need. A 12 GB Civil3D project opens as fast from home as from the office. AutoCAD, Avid, Adobe Premiere, and Pro Tools all work as if data were on the LAN.

Enterprise identity, by default
Always-on per-user impersonation with Microsoft Entra ID, Okta, or Active Directory (AD). IdP groups are the unit of assignment against a single primary-storage golden copy. Onboarding thousands of users is a provisioning step, not a project. A disabled account loses access immediately.

One storage, no second copy of your data
Runs on Nasuni, NetApp, Isilon, Everpure (Pure Storage), and Azure Files. Your data stays where it is. No parallel cloud copy. No silo to keep in sync. Drop in agents, point at your shares, start.

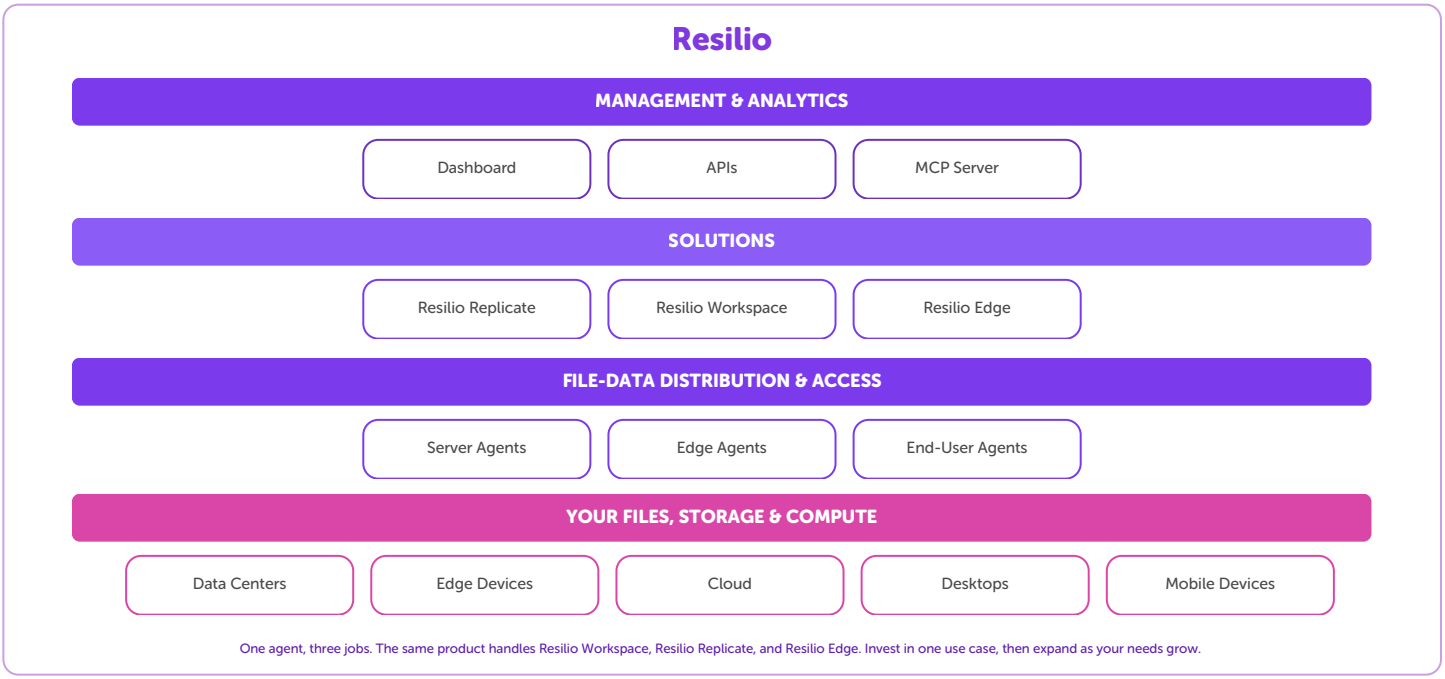
End-to-end ACL enforcement
Your existing NTFS permissions are enforced automatically. Every file action is attributed to the real authenticated user. Your file server enforces its own permissions end to end. No reconfiguration required.

No migration, roughly an hour to deploy
Agent-based deployment. No virtual appliances to size, no load balancers, no SSL certificates. Pilots run in days, not quarters. Your existing infrastructure stays intact.

Cost IT actually controls
Pricing is based on your infrastructure, not per-user seats or cloud storage tiers that grow with every project. You keep your existing storage, avoid migration costs, and know exactly what you'll pay.

/ The activation layer for the Nasuni Platform

Resilio provides fast and secure file synchronization on the storage you already own. This is a significant upgrade from Nasuni Access Anywhere, replacing its browser client and dedicated virtual appliance with lightweight agents, native mounts, per-user impersonation, synchronous global locking, and local-disk performance.



Best with Nasuni. Nasuni provides the governed foundation; Resilio is the activation layer. Together, immutable snapshots, Ransomware Protection, Nasuni IQ, Advanced Web Access, and AI Activate, create one platform, one governed environment.

/ Your AI strategy is only as strong as your data strategy

Because Resilio attributes every file action to the real authenticated user, activity flows back into the Nasuni namespace cleanly. That is exactly what AI Activate needs to give AI agents permission-aware access to the same files. Resilio keeps the data fast, current, and everywhere it needs to be. AI Activate makes it AI-accessible. The platform governs both.

The Resilio MCP Server (shipping in this release) connects AI assistants directly to your Resilio environment for real-time diagnostics and troubleshooting. Agent health, transfer status, error codes, job history, file locks, and configuration are all queryable in plain language through OpenAI, Claude, Microsoft Copilot, or any MCP-aware AI assistant. Read-only by default; write operations are disabled by default and enabled explicitly. The server supports local and remote (HTTP) transports with a published threat model for both. At enterprise headcount, turning routine operations from clicking into conversation is a genuine efficiency gain.

Nasuni AI Activate extends the platform to AI agents and LLMs, giving them governed, permission-aware access to your unstructured file data via MCP. No data copies, no new infrastructure. AI Activate is in preview, with GA expected in Q4 2026.

/ Key capabilities

Instant file streaming	Opens large files immediately; only the bytes in use come down the wire.
Synchronous global locking	Locks held in sync with primary storage, cached for fast response, on Windows and Mac, with full lock visibility in one console.
Policy-based caching	File policies control cache size and hydration; WAN-optimized for cell, satellite, and broadband.
Enterprise identity	Entra ID, Okta, and AD. Always-on per-user impersonation, IdP group provisioning, single golden copy.
End-to-end ACL enforcement	Your existing NTFS permissions enforced automatically; no reconfiguration needed.
Any-size file system	No file-size limit, no file-count ceiling; designed for shares with billions of files.
AES-256 encryption	Zero-trust by default; air-gap deployable; your data never leaves your environment.
Enterprise analytics	Every job, transfer, lock, and access captured, indexed, queryable, with saved views and configurable retention.
MCP Server	Point OpenAI, Claude, Microsoft Copilot, or any MCP-aware agent at it for reporting, diagnostics, and troubleshooting. Read-only by default; write operations enabled explicitly.
Native SIEM exports	Datadog and Splunk integration; webhook out for any other SIEM.
Native file-system mount	Files appear in Explorer or Finder exactly as if the user were in the office.
WAN-optimized transport	Proprietary UDP-based transport overcomes high latency and packet loss over any distance.

/ Impact & results

Proven at enterprise scale

Over 500 enterprises use Resilio to connect and automate data movement around the world, from collaborative creative groups to the most demanding engineering and DevOps teams. Exabytes moved across hundreds of thousands of endpoints.

10x	$8.6 million	92%	95%	Zero
Faster data sync	DR savings	Faster time to compliance	Faster deployment	VPN dependency

"The near real-time sync is impressive. Its ability to scale and handle millions of files is what sets it apart. Sync happens over a mesh network instead of being limited to point-to-point, and that enables our locations to work as a unified team."

Danny Yoon, Partner and Creative Director, Mr. Wolf

Trusted by industry leaders

DAR · Deutsche Aircraft · infobip · Invetech · Larian Studios · Maffeis Engineering · Mercedes-Benz · Northern Marine · RM RadioMobile · Skywalker Sound · Sunrise Productions · West Valley Construction

/ Security & compliance

100% private. Resilio runs entirely in your environment. No SaaS component in the data path. Customer file data never leaves the customer's environment. Air-gap deployable.

Ready to see it in action?

Schedule a demo

See Resilio with your actual file types. Custom architecture design and ROI analysis. nasuni.com/book-a-demo

Request a trial

Custom deployment recommendations. Proof-of-concept trial and implementation roadmap. nasuni.com/contact

nasuni

Nasuni is the file data foundation for large enterprises where files are mission-critical for both people and AI. The work that drives modern organizations lives in files, the most operationally critical segment of unstructured data, including designs, project documentation, financial and compliance records, media assets, and the countless versions that evolve across distributed teams.

We help our customers manage, protect, and activate that content so IT can continuously reduce cost and risk, while teams and the AI that supports them become more productive through fast, governed access to the right information when and where they need it.

nasuni.com | sales.nasuni.com | +1.857.444.8500