

Unstructured Data Migration with Cirrus Data Cloud

Scalability. Visibility. Efficiency.

File Migration: A New Engine. A Proven Platform.

Enterprises rarely have one kind of data to move. Refreshes, consolidations, cloud moves, and repatriation projects almost always include block and file storage. Until now, that meant two toolchains, two operating models, and two sets of risks to manage. Cirrus Data has eliminated that challenge with its unstructured migration software, Cirrus Migrate Unstructured (CMU).

Cirrus Data Cloud migrates block, virtual, and now unstructured data on the same trusted platform your team already relies on. CMU was designed to migrate high-performance, critical workloads, with near-zero downtime and without added complexity. Running as part of Cirrus Migrate Cloud (CMC), the software delivers full visibility and control over all your data. With just one click you can start your migration between different file arrays or objects.

Backed by 13 patents, with 40+ native storage integrations, Cirrus Data is a trusted partner of some of the world's largest and most security-conscious institutions with 4000+ data migrations and over 1 exabyte of data moved.

Cirrus Data offers a data mobility platform that scales with you, giving you the ability to add new migration projects at any time. By adding CMU to your existing CMC deployment, you can easily complete an ever-expanding range of migrations, whether block storage, file or object storage, or between hypervisors. The data always stays inside your local environment and is never held by Cirrus Data. Scalability, visibility, efficiency, and privacy set Cirrus Data's Unstructured Data Migration experience apart.

Scale Without Limits.

Every host you deploy adds capacity. Add more hosts, move more data, in parallel, with no central bottleneck to hit and no forklift to plan for. The teams running a handful of migrations and the teams running hundreds work the same way, so a proof-of-concept project and an enterprise-wide rollout follow the same playbook. Migration capacity grows on the same rhythm your infrastructure grows on, which shortens projects and keeps timelines yours to set. A horizontal scaling model with no practical ceiling makes that possible.

Cirrus Migrate Unstructured Highlights

- Horizontal scale that grows with every host you deploy
- Transparent visibility into every synchronization pass
- Delta-only resync for minimal-downtime cutover
- Dataset analytics with a scan-only pass for planning
- Granular filters, custom schedules, and iQoS windows
- Full REST API and MCP server for automation and AI agents
- Data verification and Chain of Custody reporting
- File content stays local
- Remote migration over H2H, encrypted, bi-directional, no VPN

Storage and Deployment Options

Pre-mounted storage: point the wizard at any local or network-mounted directory. Recommended path for most evaluations.

Connected network storage: generic NFS and SMB integrations connect and mount source or destination for you.

Same CMC deployment: RHEL 9+ or Ubuntu 24.04+ recommended. NFS client package required on Linux hosts using NFS.

Private Edition ready: Runs inside air-gapped Cirrus Data Cloud Private Edition environments alongside block and hypervisor migration.

See Everything. Prove Everything.

Executives, operators, and auditors get the same story from the same console. Transparent synchronization activity allows you to dive deep into every pass in real time. Dataset analytics, accessible while synchronizing or via a scan-only pass, show what you have before you commit to moving it, so teams plan against real information instead of assumptions. When the project is done, integrity verification and a signed Chain of Custody Report give you a defensible answer to the audit question every regulated organization eventually gets asked: how do you know your data arrived intact? Visibility becomes a business asset, not a status meeting.

Move What Matters. Set Your Budget and Stick to It.

Cutover happens on your schedule. After the first transfer, only the file changes are migrated. Limit the terabytes you migrate, stick to your schedule, and keep your budget intact. Intelligence is part of the CMU design with granular scope filters, customizable schedules, and intelligent Quality of Service (iQoS). With full REST API support and the Cirrus Data Cloud MCP server, you can take your data migration automation to the next level.

Migrate Data, Not Risk.

File content stays inside your environment, always. Your security posture is inherited by the migration. Remote projects move data directly between source and destination over a Host-to-Host connection with built-in encryption, data reduction, and bi-directional support, and no VPN to open. Optional path privacy hides file and directory names from the console for the most sensitive environments. For classified, sovereign, and regulated networks, Cirrus Data Cloud Private Edition runs the same capability entirely inside your perimeter with nothing leaving at all. Move the data. Leave the risk where it started.

The Cirrus Data Difference

Stop choosing between tools.

Most vendors force one platform for block, another for file, another for the cloud, each with its own console, its own risks, its own learning curve. Cirrus Data offers the simple solution. Block, virtual, and unstructured data all move on the same platform and operating model your team already trusts. Work that once demanded two toolchains and twice the risk now runs as one scalable, transparent, efficient workflow. Your data never leaves your environment. Your timelines stay yours. Every byte lands with a signed, defensible answer to the only question that matters: did it arrive intact?

Scale without limits. See everything. Move only what matters. Leave the risk where it started.

That is the Cirrus Data Difference.

Available Now

Cirrus Migrate Unstructured is available today.
To request a demo, visit www.cirrusdata.com/cirrus-migrate-unstructured

ABOUT CIRRUS DATA

Cirrus Data Solutions Inc. (CDS) is a global leader in automated data mobility technology and services. CDS distributes its solutions through systems integrators, managed service providers, channel resellers, and partners, including Dell Technologies, Microsoft, AWS, and many others. CDS works closely with Global Systems Integrators (GSIs), including Accenture, HCL, Kyndryl, TCS, Capgemini, and others. The company's flagship data mobility-as-a-service offering, Cirrus Migrate Cloud, is also available on the Microsoft Azure Marketplace and Amazon Web Services (AWS) Marketplace. CDS is headquartered in Syosset, New York. It also has sales and support offices in Atlanta, Chicago, New York, Dallas, Denver, London, Melbourne, Munich, and Tampa.

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