

The Cloud and Object Storage Platform

Caringo Swarm gives you massively scalable, self-managing storage that unifies data silos and simultaneously handles mixed-use cases with a single deployment so you can extract the value of your data. Caringo, the leader in object storage solutions, leverages a purpose-built clustering architecture that transforms standard hardware into a reliable and searchable pool of scalable storage that is simple to manage.

Offered as a complete software or hardware appliance, Swarm provides a platform for data protection, management, organization and search at massive scale. You no longer need to migrate data into disparate solutions for long-term preservation, delivery and analysis. Consolidate all files on Swarm, find the data you are looking for quickly, and reduce total cost of ownership by continuously evolving hardware and optimizing use of your resources.



Lowers TCO

Shrinks CAPEX and OPEX
Reduces strain on primary storage



Eliminates Risk

Provides 100% business continuity
Enables regulatory compliance



Improves Productivity

Manages & organizes data at scale
Unifies data silos

Simple. Bulletproof. Limitless.

Swarm radically simplifies your ability to multiply the value of your data in an actionable way and installs on any mix of standard hardware, seamlessly scaling from terabytes to hundreds of petabytes with rapid bare metal deployment. Data management is automated from creation to expiration—resulting in storage that adapts to your business.

With Swarm's bulletproof platform, you can meet even the most stringent business and compliance requirements. Swarm supports encryption at rest and is the only object storage solution to offer compliance features like WORM, Legal Hold, and Integrity Seals as well as the ability to seamlessly shift between protection methods, automatically enforced by policies.

This limitless solution combines scaling of capacity and throughput with universal access and the industry's most flexible deployment options. Swarm is offered as software you run in your own data center(s), on a complete hardware solution, as software-as-a-service in any of Microsoft Azure's data centers or as a fully managed service within BT or Telefónica's data centers.

Scalability is one of the slickest things about Caringo, one sweet thing they did with the platform is, when you drop a new node in, it builds itself from the ground up. The new node announces itself to the main controller. If you want to add a 72 terabyte or petabyte node you just drop it in.

—John Gillam, CTO for Cloud Services, BT

Data Service Enablement. Manage Data and Extract Ongoing Value.

UNIVERSAL ACCESS

Swarm seamlessly integrates with Windows® and NetApp® file servers and has an NFS converter for broad support for file-based applications. With a native HTTP 1.1 based interface, Swarm supports the Amazon S3 API and serves as a foundation for new data services.

UNIFIED MANAGEMENT & REPORTING

Swarm has a unified web console for administrators and end-users to track performance trends and reporting and manage and monitor content usage quotas. Swarm provides hierarchical data protection policies that can be managed with the web-based UI and REST API so your Storage Admin can set permissions and policies and delegate control and management to business units or end users.

AD HOC SEARCH & QUERY

With expanded metadata searching and organization power and the elimination of storage silos, Swarm enables you to add custom metadata and metadata annotations, automatically capture file system attributes on ingest, and query across all stored files at once through a web-based UI or rest API.

ANALYSIS

Analyze your search results with seamless migration of queries to leading intelligence applications like Hadoop®, Spark®, logstash and Kibana.

It's Not Just About Scaling. It's About Simple Scale.

COMPLETE SOFTWARE APPLIANCE

Booting from bare metal, Swarm includes all operating system and services needed. It runs everything from RAM, leaving 95% of hard drive capacity for files and includes our patented Darkive™ adaptive power conservation technology which lowers power consumption by up to 70%.

FLEXIBLE DEPLOYMENT

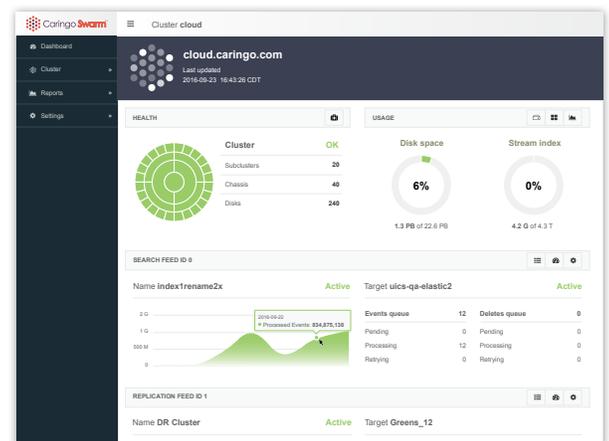
With flexible deployment, you can add tenants and sites at any time. Swarm runs on any standard hardware or disk size and is highly available by design—supporting hot plug drives, adding/retiring disks/nodes and rolling upgrades of the full software stack—all with no service downtime.

CONTINUOUS PROTECTION

Optimize the use of your resources based on the value of your information with continuous protection, using replication or erasure coding at a single site or at multiple sites. We focus on fast, proactive recovery so your files will be there when you need them and provide AES-256 encryption at rest. Compliance features like WORM, integrity seals and legal hold come built in.

ENTERPRISE SUPPORT

We will be there when you need us and offer 24x7 worldwide support with professional services to guide you every step of the way. We also have proactive support available monitor the health of your cluster and contact you if we see any issues.



For More Information

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