SpaceTime DataOcean

Technical Fact Sheet

SpaceTime DataOcean is **a certified, EU-compliant and fully managed storage platform** that grows and adapts alongside your company's needs.

DataOcean brings flexible, secure, and sovereign storage capacity as a service. The service is designed for organisations that want to utilise modern storage infrastructure without large upfront hardware investments, ongoing maintenance costs, or specialised in-house expertise.

SpaceTime's experts have been building scalable and fault-tolerant storage systems since the 1990s. Our hardware is standardised, modular, and represents the cutting edge of high-performance storage. The result is storage that is resilient, faster, and purpose-built for critical workloads.

Performance
Optimised for growing datasets, ensuring fast access at scale

Sovereign
Hosted fully in Finland, independent from hyperscalers

Secure
ISO-certified, encrypted, 24/7 monitoring and redundancy

Scalable
Capacity adjusts to your needs, pay-as-you-go

Storage modes

Object storage
(S3 over HTTPS)

Ideal for large-scale unstructured data, native support for most commonly used S3 features like immutability and versioning, unlimited buckets and petabytes of capacity.

File storage + computing
(custom solutions)

For customers who need local compute resources tightly coupled with secure storage, SpaceTime can provide tailored solutions on request.

Security & Compliance

The physical infrastructure (co-location) where the service is located runs 100% on renewable energy and has the following physical, operational, and environmental certifications:
ISO 27001, ISO 9001, ISO 14001, PCI DSS, KATAKRI, PAS 2060 Climate Neutral

SpaceTime is currently working toward **ISO 27001:2022** certification for DataOcean S3 with a target completion date in Q4 2025.

SPACETIME

Reliability & Availability

99.95%
Our availability target

DataOcean storage architecture is built on Ceph, the industry's leading open-source storage platform. Ceph project is sponsored by IBM, and trusted by Fortune 500 corporations. Our servers are designed with duplicate power, cooling and networking. There are no single points of failure.

ceph

16:4
erasure coding

For storage, we use **16:4 erasure coding**. This configuration can automatically recover from up to four simultaneous disk failures, resulting in a statistical **data durability of eleven nines** (99.999999999%).

Connectivity includes public internet, Megaport dedicated bandwidth from other providers (AWS Direct Connect, Azure ExpressRoute, Google Interconnect or other data centers) or custom mobile APN for secure mobile connections.

Use Cases

Unstructured Data
Tailored, high-performance storage that **scales** with your core systems.

Backup and Disaster Recovery
Immutable offsite backups and fast restoration to protect against **ransomware** and data loss, as part of a robust business continuity plan.

Big Data & Archiving
Transparent pricing and unlimited storage options mean continuous and **relevant business intelligence** without the need to delete any data.

Compliance
Long-term storage fully aligned with AI Act, NIS2, Data Act, GDPR and other EU regulations covering **healthcare**, **financial**, and sensitive data.

AI, IoT & OT
Secure and future-ready storage built for **data intensive** and latency sensitive workloads.

Media & Video
High-performance **shared** storage for production workflows and continuous video surveillance.

Why DataOcean?

Our transparent, pay-as-you-go pricing means you only pay for what you use. We offer three different SLA tiers (Bronze, Silver and Gold), so you can choose the right balance of performance and support for your business. Our **24/7 customer support** ensures help is always available when you need it.

DataOcean keeps you in full control of your data and fully compliant with European regulations, free from hyperscaler lock-in. Built on decades of expertise and our own purpose-designed hardware, it delivers **high performance, security, and reliability** for your mission-critical workloads.

Time to bring your data home.
Start with a free test account today.