

Master Your Energy Data: Secure. Scalable. Sovereign.



Block

Peak performance for critical SCADA environments.



File

Secure access to documents and grid maps.



Object

Mass storage for smart meters and IoT sensors.

WHY CES FOR THE ENERGY MARKET?

- 01. Zero-Downtime** Self-healing architecture (no SPoF) – live maintenance without service interruption.
- 02. Sector Coupling** Manages concurrent growth of Block, File, and Object on a single unified platform.
- 03. KRITIS & NIS-2** Storage-level data integrity via integrated WORM and immutable retention policies.
- 04. OT meets IT** Bridges low-latency SCADA block data with massive S3 pools for real-time analytics.
- 05. 30+ Year TCO** Eliminates vendor lock-in and unpredictable licensing costs over extended lifecycles.

THE TCO PROMISE

-50% TCO

Cut total cost of ownership in half by utilizing standard x86 servers.

Future-Proof

Scale from terabytes to petabytes without altering your architecture.

PROVEN SOLUTIONS: CES IN ACTION

Grid Monitoring

Aggregates millions of decentralized smart meter intervals for predictive maintenance.

Compliance Enforcement

Technically secures regulatory logs and archives using WORM & Erasure Coding.

Long-Term Archiving

Cost-effective, multi-decade data retention without proprietary license escalation.

Digital Twins

Low-latency, high-IOPS block storage data plane for real-time simulation and modeling.



CLYSO

For Experts: Ceph Upstream

Already running Ceph? We provide L3 support by Core Developers, KRITIS reviews, and legacy migration.

ABOUT CLYSO

The experts in software-defined storage. As a leading Ceph project contributor, we secure the data sovereignty of European utilities.

CLYSO

Ready for take-off? Let's get your customized Solution Check started.

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