



Object storage solution using 2CRSI hardware and OpenIO SDS

ABOUT 2CRSI

- French manufacturer specialized in servers, storage solutions, converged platforms and appliances.

Scale-out applications and storage
on a single-out platform tailored for you



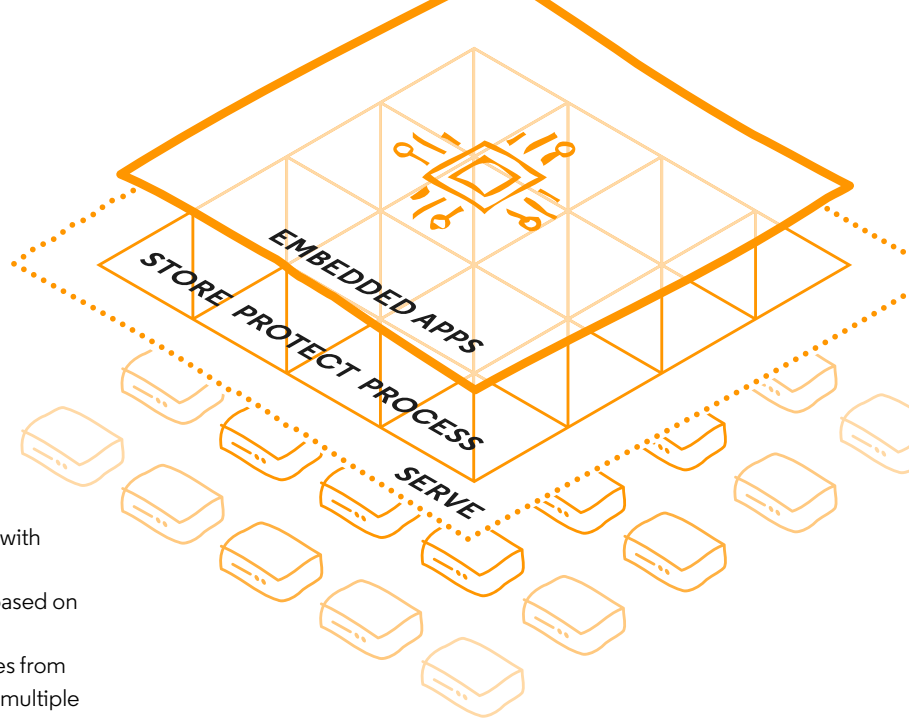
By combining the best of software and hardware, OpenIO and 2CRSI provide a rock solid digital infrastructure

OpenIO SDS overcomes the limits of traditional object stores, bringing together unmatched flexibility, ease of use, performance and reduced TCO. OpenIO SDS continuously optimizes the cluster and allows it to be expanded and reconfigured quickly as needed, with no service disruptions, providing access to new resources as soon as they are available.



With storage capacities ranging from TB to PB, accelerated with latest generation flash storage, high speed networking, and RAID cards, **2CRSI** solutions are perfectly designed to meet and exceed your expectations.

Store, protect, process, and serve data with a single solution



STORE

- Aggregate thousands of nodes to build a single storage endpoint
- New nodes are automatically discovered and used right away
- Scale your platform only when you need it, without any impact on your architecture
- Limitless storage based on a full software open source technology

PROTECT

- Data Replication with multiple copies
- Erasure coding based on Reed-Solomon
- Various topologies from 1 Data Center to multiple or stretched clusters across geos
- Both synchronous and asynchronous replication

PROCESS

- Move and run applications where data resides
- Consolidate the app tier and the storage tier
- Better application SLAs with data locality
- Flexible application support with APIs, file-based access or SDKs
- Drastic TCO Reduction

SERVE

- Standard Object APIs to natively leverage the platform: OpenIO REST/ HTTP, Amazon S3 and OpenStack Swift
- Industry standard file-sharing protocols: NFS, SMB, CIFS, and FTP

Key takeaways

Endless scalability

Easy to deploy and to manage, from 1TB to 1000+ PB.

A unique global namespace stores 1000s of Petabytes with linear performance.

Cost efficiency

Reduce cost and TCO by 80% compared with legacy storage arrays, without compromising on data protection or availability.

Distributed computing

Consolidate usage and rationalize the platform by running processing on the same platform.

High flexibility

Hardware agnostic, supports any x86 servers and runs on heterogeneous hardware.

2CRSI hardware

STANDARD CONFIGURATION EXAMPLE

Form factor

2U

Disk controller

JBOD 600TB

CPU

Xeon E5-2603 V4

Networking interfaces

2 x 10 Gigabit Ethernet

RAM

16 GB DDR4

OS

Linux (RHEL / CentOS / Debian / Ubuntu)

Storage

12 SATA HDD 10TB LFF

Installation

- 3D modeling
- Assembly
- Integration
- Installation on site
- Dedicated engineers

Support and Services

- 24/7 technical support
- Experts dedicated to storage solutions
- Proactive support
- Capacity planning
- Benchmarking
- Direct level 3 support access

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