

COLLECTIVO®

In the last decade, there has been a massive influx of data generated from CCTV cameras. With a growing demand for high-resolution images, greater duration of archival footage, a shift towards smart cities, and a wider reach of CCTV security solutions, the requirement for true enterprise-grade storage solutions are more urgent than ever. Collectivo with PFS is one of the leading parallel file systems custom-designed to handle immense workloads in a performance-critical environment such as archival and storage requirements. With its remarkable capabilities, you can Scale from a few PB to 100 PBs of storage with dependable & complete data redundancy and high performance.

In addition, with an ability to scale up at will, it is suitable for high throughput workloads experienced in archival and surveillance applications. These applications demand strict fault tolerance and mandatory system integrity, and Collectivo performs impeccably well on both parameters.

Some other benefits are Multiple Petabyte Scalable, Excellent Performance, Automated Protection of Data, Easy Data Accessibility, Simple Management, and High-Density Storage.



COLLECTIVO PFS STORAGE

Collectivo with PFS is one of the leading parallel file systems custom-designed to handle immense workloads in a performance-critical environment such as archival and storage requirements. In addition, its hardware and software can also be configured accordingly.

With an ability to scale up at will, it is suitable for high throughput workloads experienced in archival and surveillance applications. These applications demand strict fault tolerance and mandatory system integrity, and Collectivo performs impeccably well on both parameters.

BENEFITS OF COLLECTIVO WITH PFS STORAGE



Multiple Petabyte Scalable

Collectivo system supports scalability up to huge number of nodes. It has repositories for storing multi-petabytes of data from many cameras. Based on requirement, you can also add multiple nodes, cameras, or any other devices.



Excellent Performance

It enables fast file access and removes input/output bottlenecks as file information, including metadata, is distributed across many storage and metadata servers.



Automated Protection of Data

The automatic self-healing storage resource pool ensures that your data is adequately protected from any breach.



Easy Data Accessibility

With multi-protocol access fuse, NFS, and SMB, accessing data is as easy as it can get. Collectivo is built to deliver optimal performance, especially when the I/O load is high.



Simple Management

Collectivo has overcome the shortcomings of complex parallel file systems. It allows you to add more clients and servers on need using available graphical tools.



High-Density Storage

Collectivo with PFS storage provides 45/60 drives configurations in 4 RU chassis enabling high-density storage.

COLLECTIVO PRODUCT PORTFOLIO FOR ARCHIVAL AND SURVEILLANCE CONFIGURATIONS



SS40012E1-445RL

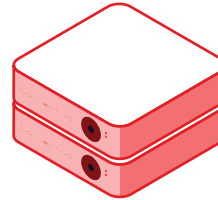
- 45 Bay High-Density Brick
- 4U Rackmount
- Intel® Xeon® Scalable Processors
- Capacity: Up to 576 TB per box



DS40012E1-460RL

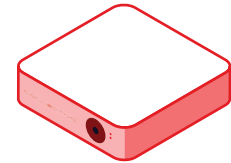
- 60 Bay Deep Archival Brick
- 4U Rackmount
- Intel® Xeon® Scalable Processors
- Capacity: Up to 800 TB per box

DUO MODE



Brick & Disk level
redundancy
Ultimate level of data
protection

SINGLE MODE



Disk level redundancy
with RAID support
Excellent solution for
storing large volumes
of data at a lower cost

Both the product for archival and surveillance configurations are available in single and duo modes. The duo mode serves the dual purpose of providing capacity and protection with Brick & Disk level redundancy as its highlight features. A single mode is focused only on serving the capacity needs of businesses.

Tyrone[®]

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