



ESVA Cluster File System

High-Performance Solution for File Sharing and Data Storage

Key Features

The ESVA Cluster File System offers a comprehensive solution that stands out with the following features:

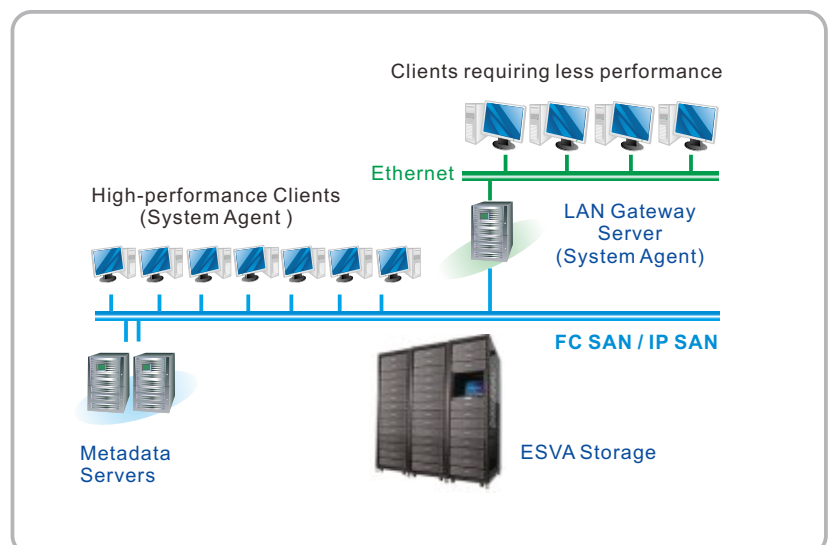
- Flexible scalability: add capacity up to 4PB
- Broad platform support: Windows, Mac, Linux clients
- Scalable performance
- Excellent data protection and availability
- Easy system management

The Solution

The ESVA Cluster File System is a comprehensive solution that offers high-speed file access and sharing and extremely reliable, enterprise-class data storage. Designed for applications such as media production, archiving and HPC (High Performance Computing), the solution features storage systems, two metadata servers, an optional LAN gateway server and a system agent that work seamlessly together and significantly simplify your hardware and software infrastructures. Featuring high performance, flexible scalability and excellent cost efficiency, the ESVA Cluster File System is ideally suited for today's demanding business environments.

Main Components

- One (1) or more ESVA storage systems featuring 8Gb/s Fibre Channel, 10Gb/s iSCSI host connectivity
- Two (2) Metadata Servers
- One (1) LAN Gateway Server (optional)
- System Agent



ESVA Cluster File System

ESVA Storage ¹

System	ESVA E75-2230 ESVA E75-2230L	ESVA F75-2830 ESVA F75-2830L ESVA F60-2830
Host Connectivity	Four (4) 10Gb/s iSCSI Ports	Eight (8) 8Gb/s FC Ports
Drive Connectivity	6Gb/s SAS (up to 16 drives per system)	
Supported Drives	2.5" SAS 6G MLC SSD - 200GB, 400GB or 800GB 2.5" 10K RPM SAS drives - 300GB, 450GB, 600GB, 900GB or 1.2TB 3.5" 15K RPM SAS drives - 300GB, 450GB or 600GB 3.5" 7,200 RPM Nearline SAS drives - 2TB, 3TB, 4TB or 6TB	
Form Factor	3U Rackmount	

Metadata Server ²

System	MD1000-2	MD1000-3
Processor	One (1)	
Memory	8GB	
Storage Connectivity	Two (2) 10Gb/s iSCSI Ports	Two (2) 8Gb/s FC Ports
MDS HA Connectivity	Two (2) 1Gb/s ports	
Client Connectivity	Two (2) 1Gb/s ports	
Internal Disk Drive	Two (2) SATA Drives	
Operating System (OS)	CentOS	
HA Function	Yes	
Form Factor	1U Rackmount	

System Agent

Platform Support ³	Windows, Mac and Linux platforms
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LAN Gateway Server ⁴

System	GW1000-2	GW1000-3
Processor	Two (2)	
Memory	12GB	
Storage Connectivity	Two (2) 10Gb/s iSCSI Ports	Two (2) 8Gb/s FC Ports
MDS Connectivity	Two (2) 1Gb/s ports	
Client Connectivity	Four (4) 1Gb/s ports	
Internal Disk Drive	Two (2) SATA Drives	
Operating System (OS)	CentOS	
Protocol Support	CIFS, NFS	
Form Factor	1U Rackmount	

Service and Support

Standard Service	3-year limited hardware warranty and 8x5 phone, web and email support 3-year replacement part dispatch on the next business day Software updates: 24x7 phone, web and email support
Upgrade/Extension Options ⁵	Advanced Service: 3-year 24x7 phone, email and web support + onsite diagnostics on the next business day Premium Service: 3-year 24x7 phone, email and web support + onsite diagnostics in four hours

¹ The ESVA Local Replication License (Snapshot and Volume Copy/Mirror) and ESVA Remote Replication License are not applicable when using ESVA storage systems in the ESVA Cluster File System. For more information, please contact Infotrend sales representatives.

² Metadata server shipments include two (2) systems.

³ For more information, please contact Infotrend sales representatives.

⁴ Optional.

⁵ Upgrade/Extension Options may vary by region.



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