EtherneTV VOD-W

Enterprise Video Delivery Systems

Product Datasheet

Enterprise Video Delivery Systems
VBrick delivers Enterprise Video Delivery Systems that scale with your needs. The EtherneTV Portal Server enables you to view live video streams available on your network. With the addition of Video On Demand (VOD) servers, the EtherneTV Portal Server can provide you with controlled access to all your stored video. Whether its branded content purchased from one of our many content partners, or live video that you've recorded on your network, VBrick offers a VOD solution that can scale with your needs. For MPEG based content, we offer the VOD-W family of VOD Servers, that come in a variety of capacities to enable you to extend your VOD capacity as your needs grow.

Capabilities:

The VOD-W family of Video on Demand servers provides the ability to store MPEG-1, MPEG-2, and MPEG-4 content, and is offered with streaming capacities of 50 mbps, 125 mbps, and 300 mbps. With our detailed understanding of the Enterprise Video Delivery System ecosystem, VBrick has optimized the performance of these servers to enable the simultaneous storage of new content and streaming of current content typical of Enterprise Video Delivery.

Multi-video Format – The VOD-W product family supports MPEG-1, MPEG-2, and MPEG-4 formats and 4:3 and 16:9 aspect ratios, in both PAL and NTSC formats
Multiple Client Support – Through the EtherneTV Portal Server, the VOD-W can support the streaming of stored video to Windows PCs, Macs, Linux work stations, VBrick appliances, VBrick IP Receivers, and commercially available Set Top Boxes like the Amino 110
Full DVD-Like Controls – Provides the ability to play, pause, stop, fast forward/rewind (MPEG-1 and MPEG-2), and seek (Windows PC and Mac clients)
MPEG-4 HTTP Tunneling – delivering video on the Internet is easier with firewall friendly HTTP tunneling technology

Benefits:

- Ubiquitous viewing from Windows PCs, Macs, Linux PC's, IPR's and Set Top Boxes
- Extends the capabilities of the EtherneTV Portal Server to access stored video assets
- Reliable infrastructure – the VOD-W product family has been thoroughly tested and optimized for the continuous storage of new content and streaming of existing content requirements of Enterprise Video Delivery
- Access control through the integration with the EtherneTV Portal Server
- Administrative controls that enable ease of setup and configuration and controlled access
- Secure environment – all communications between the VOD-W and Portal server are encrypted. Also, URLs can be secured so users cannot directly access the server outside of the Portal - NEW!

Compatibility:

- MPEG-1, MPEG-2, and MPEG-4 video formats
- Windows based PCs
- Macintosh computers
- Linux computers
- MPEG transport stream compatible Set Top Boxes

Interoperability:

- EtherneTV Portal Server and Scheduler
- EtherneTV Network Video Recorder
- EtherneTV IP Receiver
- Amino 110 Set Top Box (via EtherneTV Portal Server)
- EtherneTV Video On-Demand Expanded Storage Units (ES-5, ES-10, ES-15)

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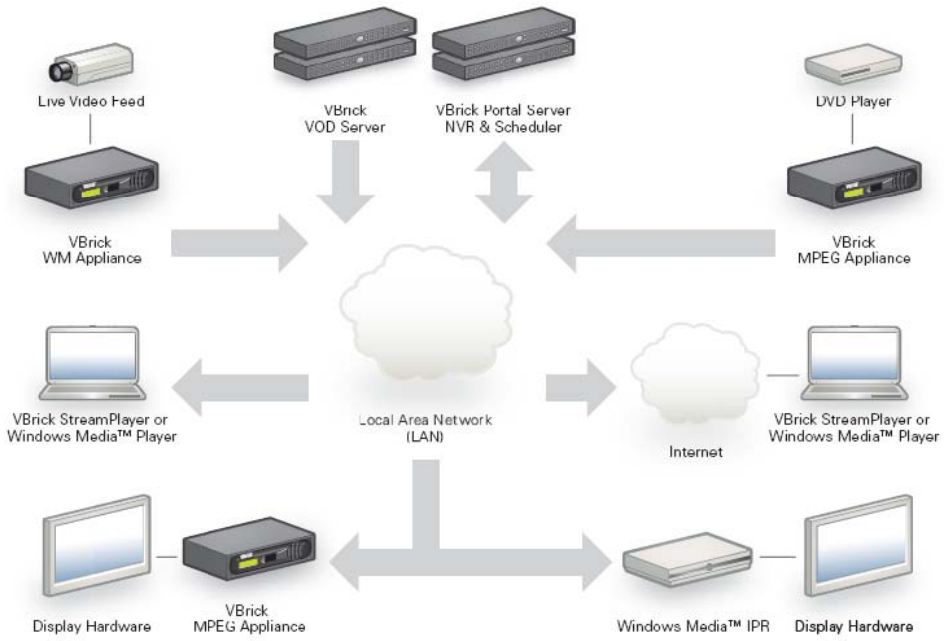
Models:

- **8000-0073** EtherneTV VOD-W 50 mbps Video On-Demand Server
- **8000-0074** EtherneTV VOD-W 125 mbps Video On-Demand Server
- **8000-0075** EtherneTV VOD-W 300 mbps Video On-Demand Server

EtherneTV System



	VOD 50W	VOD 125W	VOD 300W
Throughput	50 MBps	125 MBps	300 MBps
Concurrent Connections	50	125	300
***OS Drives**	146 GB	146 GB (RAID 1)	292 GB (RAID 1)
Storage	146 GB	584 GB (RAID 5)	1200 GB (RAID 5)
External Storage	Upgradable Serial Attached	Serial Attached SCSI	Serial Attached SCSI
CPU	Dual Core Xeon Processors	Dual Core Xeon Processors	2 - Dual Core Xeon Processors
Memory	1 GB	1 GB	2 GB
Chassis	1RU	2RU	2RU
Network	Dual Port Gigabit Ethernet	Dual Port Gigabit Ethernet	Dual Port Gigabit Ethernet
Windows Server OS	2003 Web Edition	2003 Web Edition	2003 Web Edition
Power Supplies	Redundant	Redundant	Redundant
CD-ROM	Yes	Yes	Yes
Floppy Drive	Yes	Yes	Yes
Other Includes	EtherneTV Portal Server Connection License	EtherneTV Portal Server Connection License	EtherneTV Portal Server Connection License

*Unformatted Capacity

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