EtherneTV VOD-WM Server

Enterprise IPTV Delivered

Product Datasheet

Enterprise IPTV Delivered

VBrick delivers Enterprise IPTV solutions 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 Windows Media content, we offer the VOD-WM family of MS Windows based VOD Servers, that come in a variety of capacities and include the EtherneTV Portal Server connection license to enable you to extend your VOD capacity as your needs grow.

Capabilities:

The VOD-WM family of Video on Demand servers provides the ability to store Windows Media content, and is offered with streaming capacities of 125 mbps, and 300 mbps, and includes options to enable multicast of the requested streams. With our detailed understanding of the Enterprise IPTV eco-system, VBrick has validated the performance of these servers to enable the simultaneous storage of new content and streaming of current content typical of Enterprise IPTV.

Multi-video Format – The VOD-WM product family supports the Windows Media formats, 4:3 and 16:9 aspect ratios, in both PAL and NTSC formats

Multiple Client Support – Through the EtherneTV Portal Server, the VOD-WM can support the streaming of stored video to Windows PCs, Macs, Linux work stations, and VBrick WM IP Receivers

Full DVD-Like Controls – Provides the ability to play, pause, stop, fast forward/rewind, and seek

Benefits:

- Ubiquitous viewing from Windows PCs, Macs, Linux PC's, and WM-IPR's
- Extends the capabilities of the EtherneTV Portal Server to access stored video assets
- Reliable infrastructure, the VOD-WM product family has been thoroughly tested and optimized for the continuous storage of new content and streaming of existing content requirements of Enterprise IPTV
- Access control through the integration with the EtherneTV Portal Server
- Administrative controls that enable ease of setup and configuration and controlled access
- Store and stream Windows Media® HD content

Compatibility:

- Windows based PCs
- Macintosh computers
- Linux computers

Interoperability:

- EtherneTV Portal Server and Scheduler
- EtherneTV Network Video Recorder
- EtherneTV IP Receiver
- EtherneTV Video On-Demand Expanded Storage Units (ES-5, ES-10, ES-15)

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Models:

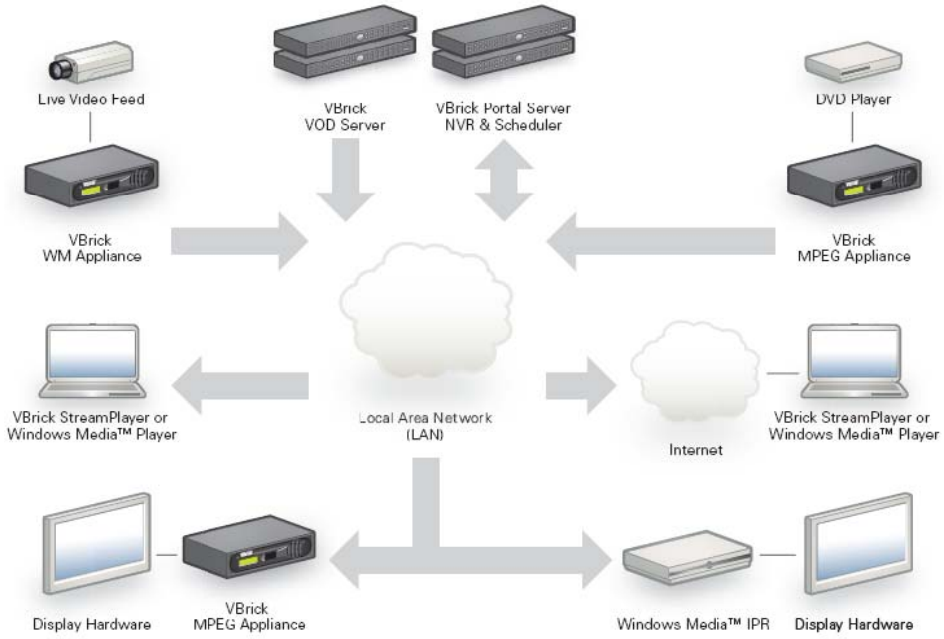
8000-0083 EtherneTV VOD-WM 125 mbps Video on Demand Server

8000-0090 EtherneTV VOD-WM 300 mbps Video on Demand Server

8000-0088 EtherneTV VOD-WM 125 mbps Video on Demand Server with multicast capability

8000-0091 EtherneTV VOD-WM 300 mbps Video on Demand Server with multicast capability

EtherneTV System



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

*Actual throughput depends on bitrate, number of connections, disk fragmentation, etc. may be higher than published benchmarks
**Unformatted Capacity
***Enterprise edition required to upgrade to MULTI to enable multicast capacity

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