

Enterprise IPVideo Platform – Record & Store

The VBrick Enterprise Media System (VEMS) is a complete media management software suite to enable the delivery of video and media content enterprise-wide and to the Internet. With the addition of Video On-Demand (VOD) servers, VEMS provides controlled access to all your stored video. Whether it's live video that you've recorded or H.264, MPEG-2, or MPEG-4 content you have acquired or already have, VBrick offers a VOD solution that can scale with your needs.

For H.264 and MPEG content, we offer the VOD-W family of VOD Servers that come in a variety of capacities to extend your VOD capacity as your needs grow.



Models

8000-0073 VOD-W 50 Mbps Video On-Demand Server

8000-0074 VOD-W 125 Mbps Video On-Demand Server

8000-0075 VOD-W 300 Mbps Video On-Demand Server

Compatibility

- H.264, MPEG-2, and MPEG-4 video formats
- Windows-based PCs
- Macintosh computers
- MPEG set top boxes

Interoperability

- VEMS Standard Edition
- VEMS Professional Edition
- VEMS Enterprise Edition
- VEMS Scheduler
- VEMS Network Video Recorder (NVR) – 10 and 40 stream versions
- VBrick HD STB
- EtherneTV Portal Server and Scheduler
- EtherneTV Network Video Recorder
- EtherneTV Reporter
- Amino 110 SetTop Box
- EtherneTV Video On-Demand Expanded Storage Units (ES-5, ES-10, ES-15)

Capabilities

The VOD-W family of Video-on-Demand servers provides the ability to store H.264, 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 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 H.264, 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 workstations, VBrick appliances, VBrick IP Receivers and STBs, and commercially available set top boxes like the Amino 110

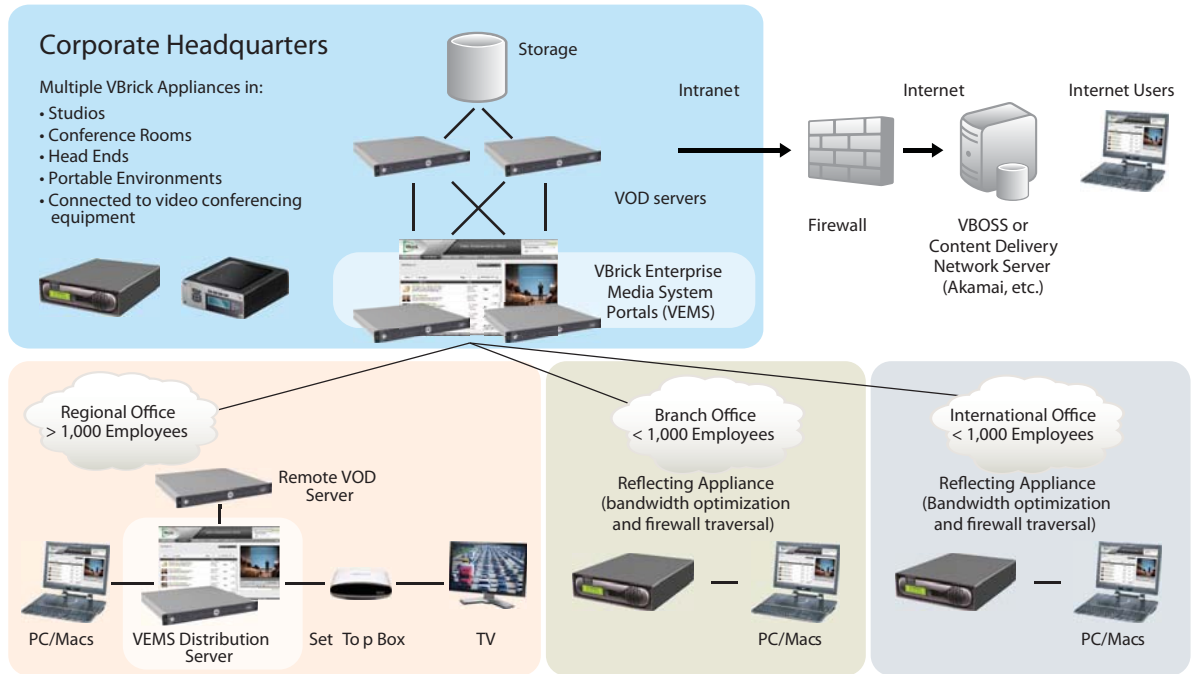
Full DVD-Like Controls – Provides the ability to play, pause, stop, fast forward/rewind, and seek

H.264 and MPEG-4 HTTP Tunneling – Delivering video on the Internet is easier with firewall friendly HTTP tunneling technology

Benefits

- Ubiquitous viewing from Windows® PCs, Macs, IPR's and SetTop Boxes
- Extends the capabilities of the VBrick Enterprise Media System to access stored video assets
- Reliable infrastructure for 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 VBrick Enterprise Media System
- Administrative controls that enable ease of setup, configuration, and controlled access
- Secure environment with all communications encrypted between the VOD-W and Portal server. Also, URLs can be secured so users cannot directly access the server outside the Portal

VBrick Enterprise IPVideo Platform



	VOD 50W	VOD 125W	VOD 300W
Throughput	50 MBps	125 MBps	300 MBps
Concurrent Connections	50	125	300
OS Storage* **	292 GB OS/Content Combined	146 GB (RAID 1)	292 GB (RAID 1)
Content Storage* **	292 GB OS/Content Combined	584 GB (RAID 5)	1200 GB (RAID 5)
External Storage	Upgradable Serial Attached SCSI	Upgradable Serial Attached SCSI	Upgradable Serial Attached SCSI
CPU**	Quad Core Xeon Processor	Quad Core Xeon Processor	2 - Quad Core Xeon Processors
Memory**	1GB	1GB	2GB
Chasis	1RU	2RU	2RU
Network	Dual Port Gigabit Ethernet	Dual Port Gigabit Ethernet	Dual Port Gigabit Ethernet
Windows Server OS***	2008 Web Edition	2008 Web Edition	2008 Web Edition
Power Supplies	Redundant	Redundant	Redundant
DVD/CD-ROM	DVD-ROM	DVD-ROM	DVD-ROM
Other Includes	EtherneTV Portal Server Connection License	EtherneTV Portal Server Connection License	EtherneTV Portal Server Connection License

*Raw Drive Size. Capacity varies with formatting, RAID and filesystem overhead. Systems shipped may have greater capacity than specified here.
 **As server technology advances, VBrick continuously updates and improves the performance of our servers. Servers may ship with more memory, CPU cores, or storage than specified here.
 ***Servers shipped with VOD W version 4.x or earlier run Windows 2003 Server Web Edition. Version 5.x runs Windows Server 2008 Web Edition.