

Enterprise IP Video 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 Set Top 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

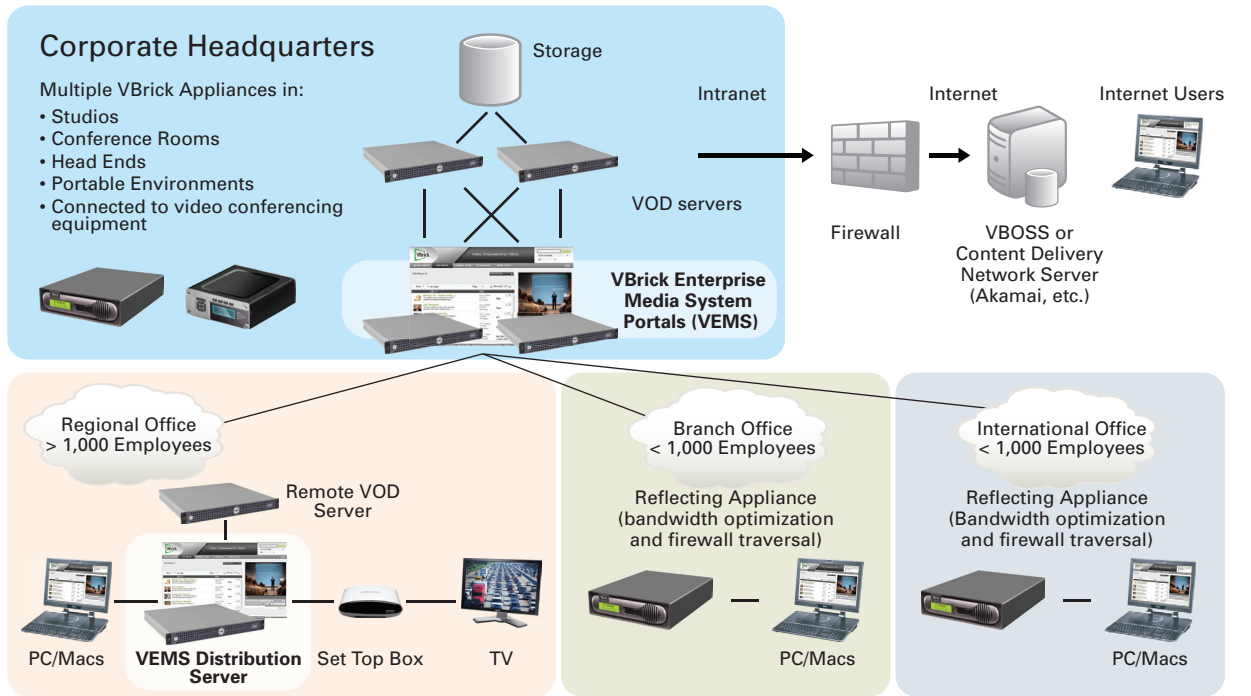
Full DVD-Like Controls – Provides the ability to play, pause, stop, fast forward/rewind, and seek

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 Set Top 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 IP Video 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 |
| Chassis | 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.



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