Network Video Recorder

On Demand Video Communication

Network Video Recorder Widens the Reach of Visual Communications

A component of VBrick's Media Control Server Suite, VBrick's Network Video Recorder (NVR) provides a dedicated platform to perform multiple simultaneous recordings of live streams originating from VBrick encoders.

Available in two versions - one that supports 10 simultaneous records, and one that supports 40 simultaneous records - the NVR is the ideal product for environments that require large scale recording on an extremely robust and reliable platform.

The NVR is tightly integrated with the Portal Server (required), Scheduler, and VBrick Video on Demand servers to create a powerful video distribution system.

Applications

- **Clinical Assessment** - provides healthcare organizations the ability to record patient exams and immediately review them to improve the teaching experience

- **Classroom recordings** - allows higher education institutions to record multiple classes at once, and have these classes immediately available for review

- **Security and Surveillance** - allows the simultaneous recording of multiple surveillance cameras in an end to end digital environment

Product Features

- **Multiple simultaneous records** - each platform provides multiple simultaneous records (10 or 40) depending on requirements

- **Dedicated platform** - the NVR servers ship on a dedicated platform, which eliminates resource contention and ensures pristine recordings

- **Redundant servers** - both NVR servers offer RAID 1 for OS redundancy, RAID 5 for storage redundancy and Dual Power supplies.

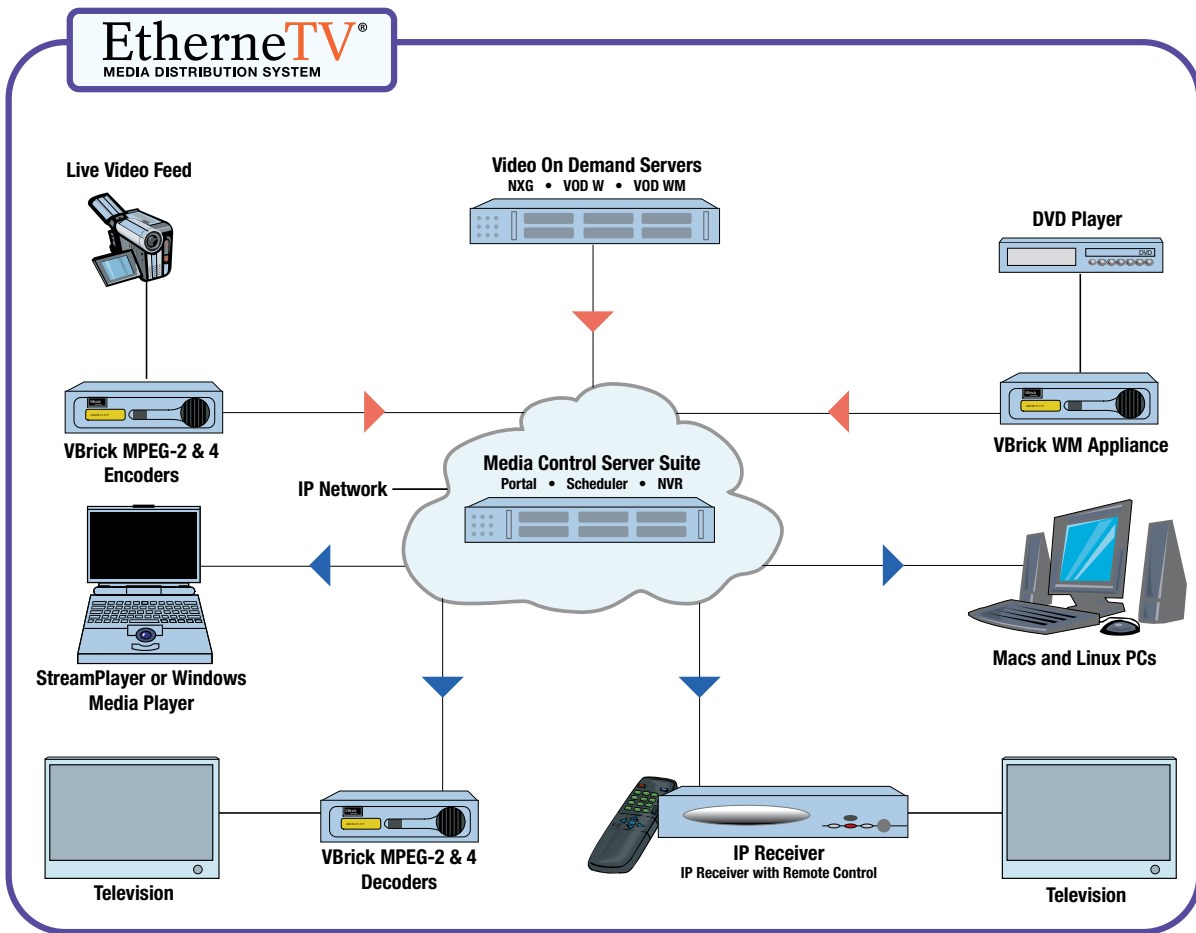- **Large storage capacity** - the NVR 10 provides 584 GB of storage and the NVR 40 provides 1200 GB of storage*

*Unformatted

Target Markets

- Education
- Corporate
- Health Care
- Government
- Military
- Intelligent Transportation Systems
- Entertainment

Benefits and Advantages

- **Ubiquitous Access** - Allows access from Windows PCs, Macs, Linux PCs, and Set Top Boxes. Common interface for all platforms
- **Real Time Performance** - Low delay VBrick encoders allow video to be viewed in real time
- **Reliability** - Once setup, the EtherneTV system provides 5 Nines reliability to users
- **Network Citizenship** - VBrick encoders and Video on Demand servers provide zero performance impact to the network
- **Live and Stored** - Provides full capabilities to distribute and schedule live and stored video
- **Operational Control** - Provides administrators the ability to quickly and easily setup the system, and control access, with little ongoing maintenance
- **Secured Access** - Provides a sophisticated Access Control mechanism to control who has access to resource scheduling and recording
- **User Simplicity** - Provides an intuitive interface that simplifies the search, viewing, and scheduling of live and stored video

EtherneTV®
MEDIA DISTRIBUTION SYSTEM

Live Video Feed

Video On Demand Servers
NXG • VOD W • VOD WM

DVD Player

VBrick MPEG-2 & 4 Encoders

Media Control Server Suite
Portal • Scheduler • NVR

VBrick WM Appliance

IP Network

StreamPlayer or Windows Media Player

Macs and Linux PCs

Television

VBrick MPEG-2 & 4 Decoders

IP Receiver
IP Receiver with Remote Control

Television

NVR Server	NVR 10	NVR 40
Simultaneous records	10	40**
OS Drives*	146GB (RAID 1)	292 GB (RAID 1)
Storage	548 GB (RAID 5)	1200 GB (RAID 5)
External Storage	Serial Attached SCSI	Serial Attached SCSI
CPU	Dual Core Xeon Processors	2 - Dual Core Xeon Processors
Memory	1 GB	2 GB
Chasis	2RU	2RU
Network	Dual Port Gigabit Ethernet	Dual Port Gigabit Ethernet
Windows Server OS	2003 Web Edition	2003 Web Edition
Power Supplies	Redundant	Redundant
CD-ROM	Yes	Yes
Floppy Drive	Yes	Yes

* Unformatted Capacity   ** MPEG-2 at default VBrick encoder rate. Higher rates may support less simultaneous records.

Interoperability

- VBrick VOD WM, VOD W, and VOD LIN Video on Demand servers
- VBrick 4000-6000 Series MPEG-2, MPEG-4 and Windows Media Network Video Appliances