

Media Control Server Suite

On-Demand Video Communication



Media Control Server Suite Widens the Reach of Visual Communications

The VBrick Media Control Server (MCS) Suite is a suite of products that allows organizations to easily and effectively deliver 5-Nines availability of digital media throughout their organization and to the Internet. A key component of VBrick's award winning EtherneTV Media Distribution System, the MCS Suite is composed of the following products:

- **EtherneTV Portal Server** - Provides a simple interface to easily locate available Live and On Demand media assets on Windows PCs, Macs, and Set Top Boxes. Users can navigate and search for specific videos, select the video, and it immediately begins playing. For On Demand videos, users have full Fast Forward and Rewind capabilities.
- **EtherneTV Scheduler** - Provides a calendar-based scheduling system that allows users to quickly and easily schedule Live Broadcasts from VBrick encoders, Stored Broadcasts from Video on Demand servers, Recordings, and Conferences. Scripting functionality also allows advanced users to set up custom schedules.



Applications

- **Distribute Live Television Channels** — provide breaking news, events and information on PCs
- **Training** — record live training sessions and make them available to employees or students
- **Digital Archiving** — encode VCR tapes as digital files to build a digital media assets library
- **Media Retrieval** — access previously recorded classroom lectures, training videos, corporate announcements and military footage

Product Features

EtherneTV Portal Server

- Simple user interface for Live, On Demand, and Scheduled video
- Full screen video (up to DVD quality)
- Fully customizable and searchable database
- Closed captioning display
- Access Control with LDAP support and Single Sign On (SSO)
- Clustering support for multiple VoD servers
- Diagnostic functionality for troubleshooting

VBrick Scheduler

- Calendar-based scheduler provides simplicity
- Access Control limits scheduling to authorized users
- Schedule Live and Stored Broadcasts from VBrick encoders or VoD servers to VBrick decoders or STBs
- Schedule Recordings on the EtherneTV Portal Server or VBSTARS
- Schedule Conferences between two VBrick encoder/decoders
- Create custom schedules through scripts

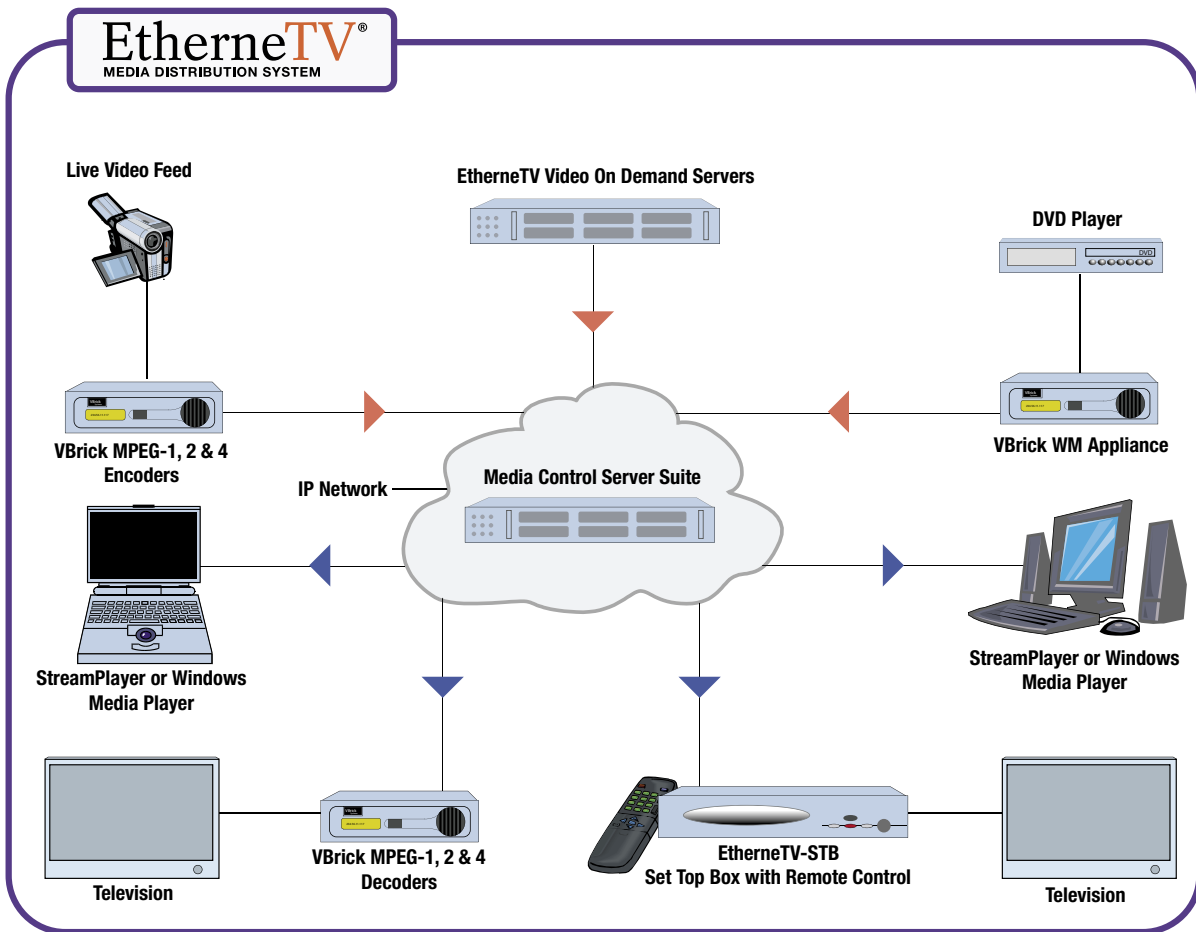
Target Markets

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

Benefits and Advantages

- **Ubiquitous Access** - Allows access from PCs, Macs, 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, control access, and little ongoing maintenance
- **Secured Access** - Provides a sophisticated Access Control mechanism to control who has access to resources and scheduling
- **User Simplicity** - Provides an intuitive interface that simplifies the search, viewing, and scheduling of live and stored video
- **Secured Access** - Protects video assets by managing access control and privileges

SPECIFICATIONS



Interoperability

- VBrick EtherneTV-NXG1 and NXG2 Video on Demand servers
- VBrick EtherneTV-STB Set Top Box for MPEG-1, 2, and 4
- Windows-based PCs with StreamPlayer or StreamPlayer Plus
- Macintosh computers with QuickTime
- VBrick 1000-3000 Series MPEG-1 encoders
- VBrick 4000-6000 Series MPEG-2 and MPEG-4 encoders

Client PC Requirements (Windows)

- Windows 98/2000/XP
- Microsoft Internet Explorer 6.0 or higher
- StreamPlayer software automatically downloaded from the MCS (please see StreamPlayer datasheet for detailed requirements)

Client PC Requirements (Mac*)

- Mac OS X with Safari 1.0 (or higher) or FireFoX for Mac 1.0.4; QuickTime Player 6.0 or higher. (Internet Explorer is no longer supported.)

System Requirements

- Windows 2000 Server or Windows 2003 Server (Service Pack 1 required)**
- Pentium IV or Xeon Processor 1.26 GHz minimum
- RAM 512 MB minimum
- Hard Drive 36 GB minimum (larger for frequent recording)

* Mac support is for MPEG-4 only

** VBrick does not support the desktop versions of the Windows operating systems, nor does it support the Datacenter version of the Server operating systems.