

Video-on-demand systems — NXG

Introduction

EtherneTV-NXG is a video-on-demand server for MPEG-1, MPEG-2 and MPEG-4 video files. It is a Linux system server for delivering video on demand to the full range of TVs, PC, Macs, and video-enabled networked devices. As a component of the EtherneTV system, a unified user interface lets you search, select and play videos from the largest of video libraries. And since it's been designed to handle the most intensive, high-volume video-on-demand applications, you can easily expand its capacity with optional storage devices.

Product features

Rich media distribution to desktop PCs, Central repository for stored MPEG assets, usage information through system monitoring, supported formats include MPEG-1, MPEG-2 and MPEG-4, full VCR like controls with stop, pause, play, fast forward, rewind and seek, live MPEG-1 and MPEG-2 capture/ingest utility

Benefits and Advantages

Designed with DELL platform which is best-in-class. All storage is based on hot--swappable high-speed 10K RPM SCSI drives . External SCSI channels allow for future storage expansion. Extended hardware/software warranty

EtherneTV--NXG1 is an entry level server designed for small to medium sized applications. EtherneTV--NXG2 is a higher output server designed for medium to large installations which require greater throughput and redundancy. With this option, customers can choose the type of server based on the throughput requirements and can gradually increase the performance as the need grows.

Interoperability

VBrick EtherneTV--MCS Media Control Server
VBrick EtherneTV--STB Set Top Box for MPEG-1,2,and 4
VBrick 1000,,2000,and 3000 series MPEG-1 encoders
VBrick 4000,5000,and 6000 series MPEG-2 and MPEG-4 encoders
VBrick StreamPlayer live stream decoding
VBrick MPEG-1,2 &4 encoders
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Applications

Record live training sessions and make them available to employees or students for future playback Encode VCR tapes as MPEG .les to build a digital media assets library Access previously recorded classroom lectures, training videos, corporate announcements and military footage Stream the latest product information to TV monitors and PC desktops

This product is widely used in analyzing traffic, for entertainment and also for training.