



EncodedTV

EncodedTV is remotely manageable video streaming software that runs on standard PC hardware, designed for unattended 24x7 uses such as broadcasting TV programs over IP networks.

Stream channels from a variety of sources such as satellite, terrestrial or DVD across your LAN. Outstanding video quality at low bandwidths as a result of Microsoft's sophisticated Windows Media Video and Audio compression technology.

Efficient bandwidth use combined with multicast delivery makes this product ideally suited to LAN-based applications where high bandwidth MPEG-1 or MPEG-2 would be unsuitable.

EncodedTV runs on standard PC hardware meaning you are not tied into one manufacturer, nor are you tied to today's compression technologies. Microsoft is committed to maintain their dominant position, EncodedTV will support Windows Media Video and Audio codecs now and in the future.



Key Features:

- Uses multicast and advanced codecs to deliver excellent picture quality with minimum impact on your network
- Unicast also available for streaming to viewers across the internet
- Remote control and monitoring via a web browser or configuration application
- Compatible with standard Windows Media Player. No propriety desktop software required
- Available in 1-, 2-, 4- and 8-channel versions; unlimited channels where stacked
- Stream multiple bitrates at once, for different audiences
- Extensive video pre-processing possible, including de-interlacing, watermarking, plus resolution and aspect resizing

Technical specification:

Video Format

Codec	Windows Media 9. Backwards-compatible with Windows Media 6,7,8 also available
Resolution	Sub-SIF to full D1 NTSC/PAL resolutions (160x120 - 768x576)
Bandwidth	25Kbit/sec to 5Mbit/sec. Simultaneous multi-bitrate streaming is available

Network

Multicast	Unlimited connections, minimal bandwidth usage (Requires Windows 2003 Server Enterprise)
Unicast	10-200 connections, suitable for small number of users or public internet viewing

Video Sources

Capture cards	Compatible with a very wide range of capture cards with WfM or VfW drivers Also compatible with Firewire/USB camera equipment
Number of inputs	1-8 sources
Input Formats	SDI, Firewire, S-Video, Component & Composite video

System Requirements

4 channel server: Multicast over LAN

Processor	Intel Xeon 3040 or better
Operating System	Microsoft Windows 2003 Server (Enterprise for Multicast)
RAM	1024MB
HDD	100MB free space
Video Input	Compatible WDM video capture device

Example Configuration for up to 4 Channels

To operate a four-channel EncodedTV system you require a Windows PC and video capture device.

Corporate



Dell PowerEdge 860

Dual Core Intel Xeon 3040 Processor 1.86GHz
1GB DDR2 SDRAM 667MHz Memory
160GB 7,200rpm 3.5inch SATA hard drive
plus



Winnov Videum 4400 AV capture card for quad channel systems

Video Input: 4 x Composite (BNC)
Audio Input: 4 x Unbalanced Stereo (3.5mm jack via breakout cable)
System: 32-bit PCI (PCI-X compatible)
Windows Server 2003 32-bit, XP, 2000
or



ViewCast Osprey-440 capture card for quad channel systems

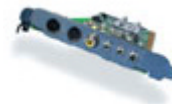
Video Input: 4 x Composite (BNC)
Audio Input: 4 x Unbalanced Stereo (phono/RCA via breakout cable)
System: 64-bit PCI-X Interface
Windows Server 2003 32-bit, XP, 2000

SME



Dell Precision 390

Intel Core 2 Duo E4300 processor 1.8GHz
1GB DDR2 SDRAM 667MHz memory
128MB nVidia NVS285 DVI/VGA graphics card
160GB 7,200rpm 3.5inch SATA hard drive
plus



Winnov Videum 1000 Plus capture card for single or dual channel systems

Video Input: Composite (RCA), S-Video
Audio Input: Unbalanced Stereo (3.5mm jack)
Audio Output: Unbalanced Stereo (3.5mm jack)
System: 32-bit PCI
Windows Server 2003 32-bit, XP and 2000
or



ViewCast Osprey-210 capture card for single or dual channel systems

Video Input: Composite (BNC), S-Video
Audio Input: Unbalanced Stereo (2 x Phono/RCA)
Audio Output: Unbalanced Stereo Loopback (3.5mm jack)
System: 32-bit PCI
Windows Server 2003 32-bit, XP and 2000

Product available from Netvue: www.netvue.co.uk