Streme Media Encoder & Recorder with Media Server: Video Capture, Encode and Broadcast over IP network

Streme Encoder:

Processor: i3, i5, i7, Dual Core, Quad Core, XEON® Quad / Hexa Core CPU. (Single or dual CPU option)
Memory: 4 Gb expandable to 32 GB
Disk: Raid 0/1/5 Configuration. 320 Gb/500gb/1 TB. Hot Swappable option.

Input Video Encoding: a) Cards with Composite video, Component video, s-Video, DVI, VGA (1) b) USB Camera.

Output: Encoded Video streams over network each input on different network port (TCP/IP port)

Operating System: Windows XP /7 / 2003 /2008. (32 Bit or 64) (2).
Network Port: 100 MBPS / 1 GBPs. Dual Port Option.
Power Supply: Option for redundant Power supply.
Encoding Format: windows media video 9 supported.
Streaming Format: Windows Video format 9.
Encoding Settings: Various bit rates and resolutions supported.(3)

Video Publishing: Publish output stream over TCP/IP network Streme Media Server or network PC in Unicast.
Number of Sources: Unlimited. Limited only by by the configuration of the encoder and cards used.
Video Recorder: Records encoded video in .wmv format.

Streme Encoder Manager:
Disk and Media Maintenance. Restart Option, Service Management Utility.

Media Server:

Processor: XEON® Quad / Hexa Core CPU. (Single or dual CPU option)
Memory: 4 Gb expandable to 32 GB
Disk: Raid 0/1/5 Configuration. 320 Gb/500gb/1 TB. Hot Swappable option.
Output: MMS video streams in multicast mode.
Operating System: Windows 2003 /2008. Standard or enterprise (32 Bit or 64). (2)
Network Port: 100 MBPS / 1 GBPs. Dual Port Option.
Power Supply: Option for redundant Power supply.

User PC:
Windows Media Player with stream source. Option for Media Server (multicast) or Media Encoder streams (unicast).

Streme Signage Player:
Tight Integration with Streme Signage Player for streaming media. Option for Media Server (multicast) or Media Encoder streams (unicast).
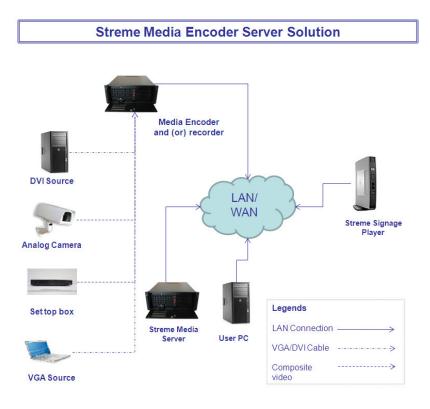
Media Server Software:
Windows media server & other third party servers as per number of users & network.

NOTE: All configuration permutation and combinations may not work together. Please confirm with the "requirement discovery sheet" and our technical team before finalizing any configuration. Standard Configurations are given below.

(1). Depends on the configuration and requirement.
(2). Depends on the combination of different cards used.
(3). Depends on the CPU and cards used in the encoder.

Italics Indicate Option features that need to be separately Licensed and are not a part of the standard offering.

Streme Encoder:

Model	SE:V2C8
CPU	Dual Xeon Quad Core
RAM	8 GB
HDD GB	500
Power Supply	-
OS	Windows 7
Inputs	
VGA/DVI – V	2
Composite – C	8
Component – O	-
Licenses	-
Encoder Manager	1

Model Numbers specify the inputs. E.g. ENS:V2C8 means 2 vga/DVI inputs and 8 composite video input Encoder.

Streme Media Server:

Model	SMS
CPU	Dual Xeon
RAM	8 GB
HDD GB	500
Power Supply	-
OS	Windows Server 2008
Licenses	-
Media Manager	1

* Media server Software as specified in requirement sheet

Streme Media Encoder Server Solution

Media Encoder and (or) recorder

DVI Source

Analog Camera

Set top box

VGA Source

LAN/ WAN

Streme Media Server

User PC

Streme Signage Player

Legends

LAN Connection ⟶
VGA/DVI Cable ⟶
Composite video ⟶