

MEDIAEDGE-SWT4

CLIENT SOFTWARE

Live, Scheduled, & On-Demand Enterprise/Digital Signage Video Distribution



MEDIAEDGE® is a multi-channel, multi-location delivery system of either HD or SD video using standard TCP/IP networks and HD/SD display devices. Comprised of server, encoder, client software, and set-top box (STB) components, this flexible and modular system is ideal for point-of-sale, corporate and other video retrieval and digital signage applications.

Three Streaming Modes

The MEDIAEDGE system lets you deliver content in three ways: video-on-demand (VOD), scheduled playback, and live broadcast.

In a VOD application, users select video clips stored on the MEDIAEDGE-SVS4 server for viewing, either from a dynamically updating menu, or through

direct channel number selection via a remote control. A user can pause, stop, and resume viewing content at any time. Content chapter points can be created for faster navigation, and clients can fast forward or rewind video clips during playback.

Scheduled playback allows an unlimited number of users to view a pre-programmed arrangement of multiple video clips. The MEDIAEDGE-SVS4 server can have multiple scheduled channels running simultaneously, with set program times scheduled to run hourly, daily, or monthly. MEDIAEDGE-STB4 set-top box users can surf channels by simply using the remote control. MEDIAEDGE-SWT4 software users can do the same within a Web browser.

For live broadcasting, the MEDIAEDGE system can utilize the real-time capabilities of its encoding devices to transmit live external SD and HD video sources such as cameras, VCRs, and DVD players, as well as professional-quality MPEG-1, MPEG-2, and MPEG-4 (H.264) streams to multiple clients with minimal delay.

Using this feature, the system can retransmit television and satellite feeds. Such content, once MPEG encoded, may also be recorded for later viewing or scheduling.

KEY FEATURES

Client Software

- Simple to install and use
- No additional hardware required
- Decoding and playback of MPEG-1, MPEG-2, MPEG-4 (H.264), and QuickTime SD and HD video streams
- Overlay controls allow playback of multiple video streams on one screen simultaneously

- Multiple client user license packs available for large-scale installations
- Open standard design allows customization

MEDIAEDGE System

- HD and SD video distribution over TCP/IP networks
- Live, scheduled, and on-demand distribution
- Supports multiple simultaneous video streams and multiple clients
- Centralized content distribution
- Server-driven menu system enables easy access to content

MEDIAEDGE-SWT4 Client Software

The MEDIAEDGE-SWT4 software client functions as a Web browser plug-in for any PC connected to a MEDIAEDGE network. From the browser, users can access a dynamically updating menu of VOD content or scheduled channels, and watch video content within the browser's window.

PACKAGE CONTENTS

- MEDIAEDGE-SWT4 installation CD-ROM
- MEDIAEDGE-SWT4 USB dongle (dongle optional, dongle-less installation available)

Note: MEDIAEDGE client software is also available in multiple license packs that use a single server-based USB security dongle.

SPECIFICATIONS

Protocols

- Control: RTSP (RFC 2326)
- Data Stream: RTP (RFC 1889)
- Menu: HTTP

Supported Formats

Video

- MPEG-2 HD
- MPEG-1
- MPEG-2
- MPEG-4 (H.264)
- QuickTime movie
- Adobe Flash video (with Flash player installed)

Still images

- .jpg
- .bmp
- .gif
- .png

Audio

- .wav (PCM)
- .mp3

Others

- Ticker (Text/RSS)
- HTML

Minimum System Requirements*

- Intel Pentium 4 3.2 GHz CPU or faster
- 256 MB RAM or more
- Microsoft Windows XP Professional (Service Pack 3 or later)
- Microsoft Windows Vista Business/Ultimate/Enterprise (Service Pack 1 or later)
- Internet Explorer v6.x
- Graphics card with hardware-based DirectDraw overlay
- 100 Mb/s Ethernet network card
- One free USB port
- Sound card

Service and Support:

90-day limited warranty

* MEDIAEDGE-SWT4 client software requires a configured MEDIAEDGE-SVS4 server or MEDIAEDGE encoder to be present on a network.

DEALERS/RESELLERS

To find your local reseller or dealer for Grass Valley professional audio video products, please visit professional.grassvalley.com/sales/.

SERVICE & SUPPORT

90-day limited warranty with service provided through local resellers. Additional support available on a contractual basis.