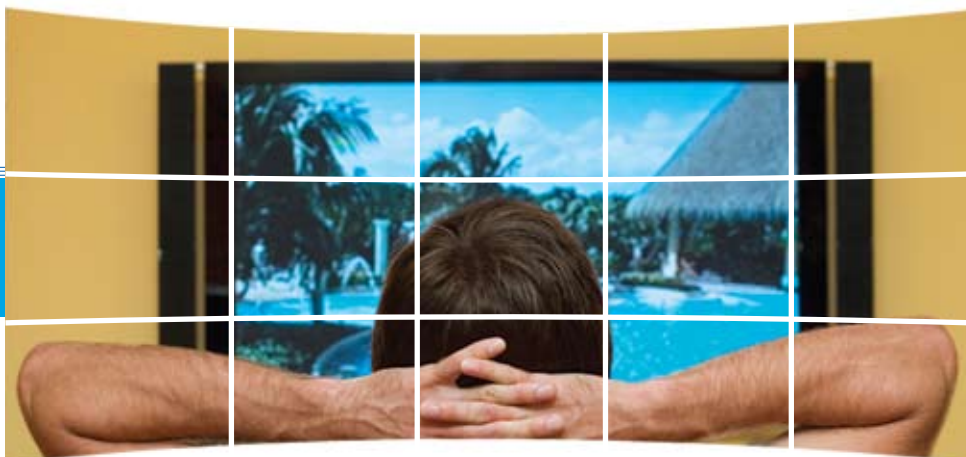


ViewCast - world class streaming hardware and software trusted by video professionals since 1994.



## Ideal Users

### • BROADCASTERS

for live streaming mobile TV and video-on-demand (VOD)

### • ENTERPRISES

for webcasting, podcasting, video archiving, and online training

### • GOVERNMENT

for State or Local Government applications, such as remote viewing of multiple traffic or weather cameras and open meetings

### • TELCOs / MOBILE CARRIERS

for live streaming and mobile video

### • CONTENT DELIVERY NETWORKS

for content management applications, such as converting tape-based video to digital media for online archiving and web-based distribution via live streaming, mobile delivery and video-on-demand

## Key Attributes

- Enables capturing, encoding, streaming and archiving of digital video and audio content
- Niagara SCX Pro now includes MPEG-4, Windows Media® and RealVideo® streaming and file formats, and Flash File.
- Enables customized streams with bitmap overlays (e.g., logos, graphics) and closed-capture pre-rendering
- Enables set up, control and monitoring of multiple streaming systems across an enterprise or over the Internet
- Enables real-time\*, anytime monitoring of multiple Niagara streaming systems

**Power in your hands  
to control your  
streaming destiny.**

## Niagara SCX Standard and Niagara SCX Pro v5 Video Streaming Control and Management Software

Go beyond the ordinary world of audio/video media encoding. ViewCast Niagara Standard SCX® takes you to the limits of your imagination. *Are you ready?*

This streaming media management software is a great way to manage live video broadcasting over the Internet and to mobile devices. It enables you to set up and control Niagara® streaming systems positioned throughout your enterprise or anywhere in the world – all from your desktop.

You can instantly see the status of all of your networked encoders, see which ones have active encode sessions, and drill down to control and monitor each individual stream.

The versatile Niagara SCX line of software provides a single, unified user experience for all of its included streaming codecs. One simple, intuitive interface makes the job a breeze with an unprecedented level of local or remote control.

- Captured video on-the-fly
- Check and adjust key audio and video settings
- Select A/V inputs
- Configure profiles that determine capture size, frame rate, data bit rate speeds, etc
- Manage bitmap overlays (e.g., logos, graphics) on your streams, including transparency and positioning

Two versions are available to meet differing needs. Niagara SCX Standard includes everything you need to harness the power of your Osprey® video capture card(s) and create rich media content in a wide variety of popular streaming formats.

### Niagara SCX Standard File Formats

- Uncompressed AVI
- Adobe®Flash®

- RealVideo®
  - Windows Media® and Silverlight® compatible
- ### Streaming Formats

- RealVideo
- Windows Media and Silverlight compatible

Niagara SCX Pro empowers you to reach out to the hottest video players and mobile devices and comes pre-installed on the Niagara Pro, Niagara GoStream® Plus, and our newly introduced Niagara GoStream SURF encoding systems.

### Niagara SCX Pro File Formats

- Uncompressed AVI
- Adobe Flash
- MPEG-4, Part 2
- H.263
- H.264
- RealVideo
- Windows Media and Silverlight compatible

### Streaming Formats

- MPEG-4, Part 2
- H.263
- H.264 (MPEG-4, Part 10)
- RealVideo
- Windows Media and Silverlight compatible

### Container Formats

- 3GPP
- 3GPP2

Want more control options? Check out ViewCast Niagara SCX SDK. This software empowers you to create your own unique user experiences, or add the power and convenience of Niagara SCX to your existing application.

No other streaming management tool gives you this level of flexibility and convenience. When it comes to streaming, you can never have too much control or too many options – we put YOU in control.

### Niagara SCX Remote Control and Monitoring Software Comparison Chart

		Niagara SCX Standard	Niagara SCX Pro
Video CODEC	AVI (file only) Flash (v6) (file only) RealVideo (v9, v10) Windows Media (v7, v8, v9) MPEG-4, Part 2 (H.263) MPEG-4, Part 10 (H.264)	• • • •	• • • • • •
Audio CODEC	AVI (file only) Flash (v6) (file only) RealAudio® Windows Media and Silverlight® compatible AAC AMR-NB	• • • •	• • • • • •
Output Format Containers	3GPP 3GPP2		• •
Monitoring & Reporting	Video Preview A/V Decode View CODEC Statistics Visual Encoder Active View System Health Event Logging (Web I/O) Email Alert of Critical Events (Web I/O)	• • • • •	• • • • • Appliance HW Appliance HW
Video Input Settings	NTSC (M/M-J) PAL (B/D/G/H/I) SECAM (B/D/G/H/K/L/L1) Brightness, Contrast, Saturation, Hue Proportions (CCIR601/Standard) Standard/Custom Video Resolutions Color Space Conversion File Input/Transcode Vectorscope/Waveform Tuning Utility	• • • • • • • • •	• • • • • • • • •
Video Preprocessing	Video Cropping Video Scaling Watermarking/Logo Overlay Gamma Correction Deinterlacing *SimulStream Enable & Controls Unbalanced/Balanced/AES-EBU/Embedded SDI Support	• • • • • • •	• • • • • • •
Audio Input Settings	Sample Rate Conversion Right/Left Volume/Mute Control	• •	• •
VBI	Closed Caption Extraction & Embedded in Stream Closed Caption to Text Output	• •	• •

\*Evaluation mode - license required for production mode.

For more information on ViewCast products, visit [www.viewcast.com](http://www.viewcast.com).