



Video streaming control and management.

Niagara SCX streaming media management software is a great way to manage live video broadcasting over IP and mobile networks including live adaptive streaming to Apple® iPhones® and iPads®. Niagara SCX® 6.2 includes advanced features such as profile grouping, Multiple Stream Redundancy (MSR), and Automatic Stream Reconnect (ASR), providing you with greater capabilities for streaming real-time and enhanced encoder management ability.

Deliver video anytime, anywhere. Niagara SCX 6.2 will markedly improve the live streaming delivery experience for both broadcasters and iPhone users. By eliminating the need for an external stream segmenter, encoding workflows are simplified and overall system costs reduced.

(Please note that Niagara SCX 6.2 availability varies between Niagara models.)

Want more control options? Check out the ViewCast Niagara SCX software development kit (SDK). Niagara SCX SDK empowers you to create your own unique user experiences by integrating your own applications and workflows.

Like no other. Niagara SCX 6.2 gives you an unprecedented level of local or remote control. View the captured video on-the-fly, check and adjust key audio and video settings, select A/V inputs and configure profiles that determine capture size, frame rate, data bit rate speeds and CPU loads.

The Niagara SCX 6.2 streaming management tool gives you a high level of flexibility and convenience. When it comes to streaming, you can never have too much control or too many options.

Ideal Solutions

- > Broadcasters
- > Enterprise
- > Government
- > Content delivery networks
- > Network service providers

Key Attributes

- > Enables capturing, encoding, streaming and archiving of digital video and audio content
- > Niagara SCX 6.2 supports live adaptive streaming to Adobe® Flash® dynamic (*Flash Media Server*) and Apple HTTP live (*iPhones® and iPads®*), Adobe Flash® H.264, MPEG-4, H.264, and Microsoft® Windows Media® (*Silverlight®*) SD and HD, as well as 3GPP/3GPP2 container support for MPEG-4.
- > Works seamlessly with Osprey drivers, enables customized streams with bitmap overlays (e.g., *logos, graphics*) and closed-caption pre-rendering
- > Enables set up, control and monitoring of multiple streaming systems across an enterprise or over the Internet

Sample Niagara SCX 6.2 User Interface



NIAGARA SCX® Features Comparison Chart

Remote Management Software

Chart date: December 2010

Products	Niagara	2100	2120	SURF	4100	8224	Pro II	7500
Video CODEC	Apple® HTTP live streaming			•	•		•	•
	Adobe® Flash® dynamic streaming			•	•		•	•
	AVI (file only)			•		•	•	
	Adobe® Flash® H.264		•	•	•		•	•
	RealVideo® (v9, v10)			•		•	•	
	*Microsoft® Windows Media® (v7, v8, v9)	•		•	•	•	•	•
	MPEG-4, Part 2			•	•	•	•	•
	MPEG-4, Part 10 (H.264) H.263			•	•	•	•	•
Audio CODEC	AVI (file only) RealAudio®			•		•	•	
	* Microsoft® Windows Media®	•		•	•	•	•	•
	AAC		•	•	•	•	•	•
	MP3		•	•	•	•	•	•
	AMR narrowband and wideband			•		•	•	
Output Format Containers	3GPP/3GPP2			•	•	•	•	•
Current Niagara SCX Version		5.4	6.1	6.1	6.2	5.2	6.1	6.2
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)	•	•	•	•	•	•	•
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	•	•	•	•	•	•	•
	SMPTE 259M				•		•	•
	SMPTE 292M				•		•	•
Video Preprocessing	Video Cropping	•	•	•	•	•	•	•
	Video Scaling	•	•	•	•	•	•	•
	Watermarking/Logo Overlay	•	•	•	•	•	•	•
	Gamma Correction	•	•	•	•	•	•	•
	Deinterlacing	•	•	•	•	•	•	•
	SimulStream Enable & Controls	•	•	•	•	•	•	•
Audio Input Settings	Sample Rate Conversion	•	•	•	•	•	•	•
	Volume/Mute Control	•	•	•	•	•	•	•
VBI	Caption Extraction & Embedded in Stream	•	•	•	SD Only	•	•	SD Only
	Closed Caption to Text	•	•	•	SD Only	•	•	SD Only

*Silverlight®

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US/Canada 800.540.4119 | Europe/Middle East/Africa +44 1256 345610 | Asia/Pacific +852 2251 8778

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