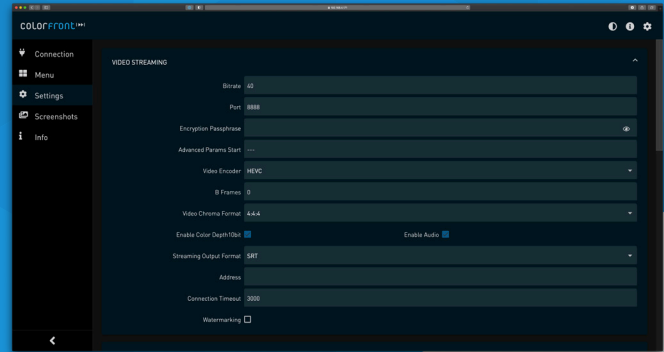
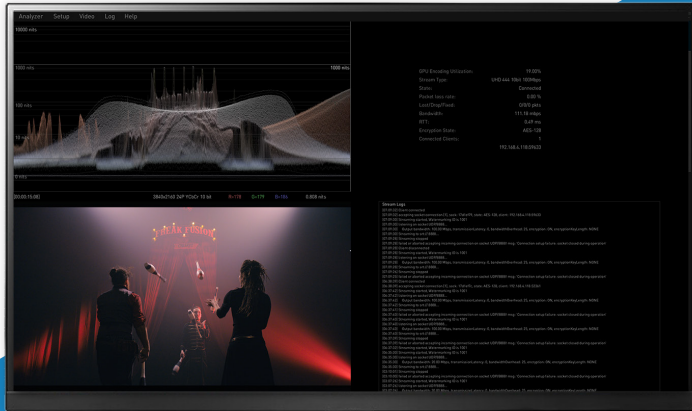


colorfront

Streaming Server



COLORFRONT STREAMING SERVER IS A COST-EFFECTIVE LIVE-STREAMING APPLIANCE DELIVERING COLOR FIDELITY AND REAL-TIME PERFORMANCE FOR A VARIETY OF SECURE REMOTE POST PRODUCTION OPERATIONS.

THE APPLIANCE WORKS IN REAL-TIME WITH HD, 2K & 4K, AND STEREO3D CONTENT, IN REC709 SDR OR HDR WITH DOLBY VISION, AND USES SRT (SECURE RELIABLE TRANSPORT PROTOCOL) TO DELIVER PRISTINE QUALITY, LOW-LATENCY LIVE VIDEO, PLUS MULTI-CHANNEL AUDIO, OVER THE PUBLIC INTERNET TO MULTIPLE REMOTE CLIENTS CONCURRENTLY. FORENSIC NEXGUARD WATERMARKING AND 256-BIT AES ENCRYPTION ARE USED TO ENSURE CONTENT REMAINS SECURE AND PROTECTED.

KEY FEATURES OF STREAMING SERVER INCLUDE

- **SUB-SECOND LATENCY ROBUST STREAMING**
Minimal delay real time video delivery
- **8-800 mbit HEVC**
Much more efficient than intra-frame encoding for higher quality of service at any given bit-rate
- **SRT (Secure Reliable Transport Protocol)**
Low-latency live video over the public internet
- **10-BIT 4:4:4 REFERENCE QUALITY VIDEO**
Allows color accurate critical QC on a theater projector or 4K HDR reference broadcast monitor
- **MULTI-CHANNEL AUDIO**
AAC audio with 5.1, 7.1 surround sound
- **FROM HD SDR ALL THE WAY TO 4K HDR IN STEREO 3D**
Works with HD, 2K & 4K, and stereo3D content in Rec709 SDR or HDR
- **DOLBY VISION TUNNELING**
High Dynamic Range with with Dolby Vision on prosumer displays such as an LG OLED via HDMI

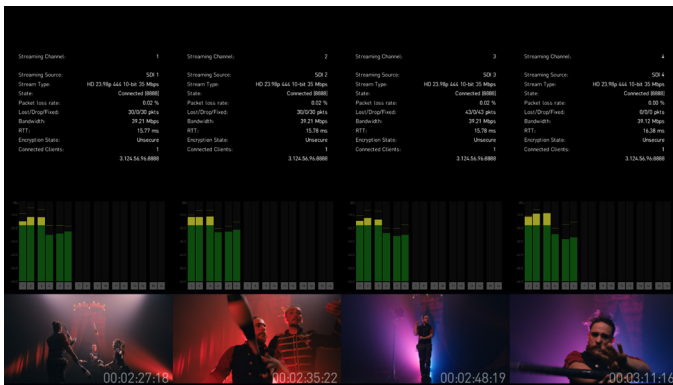
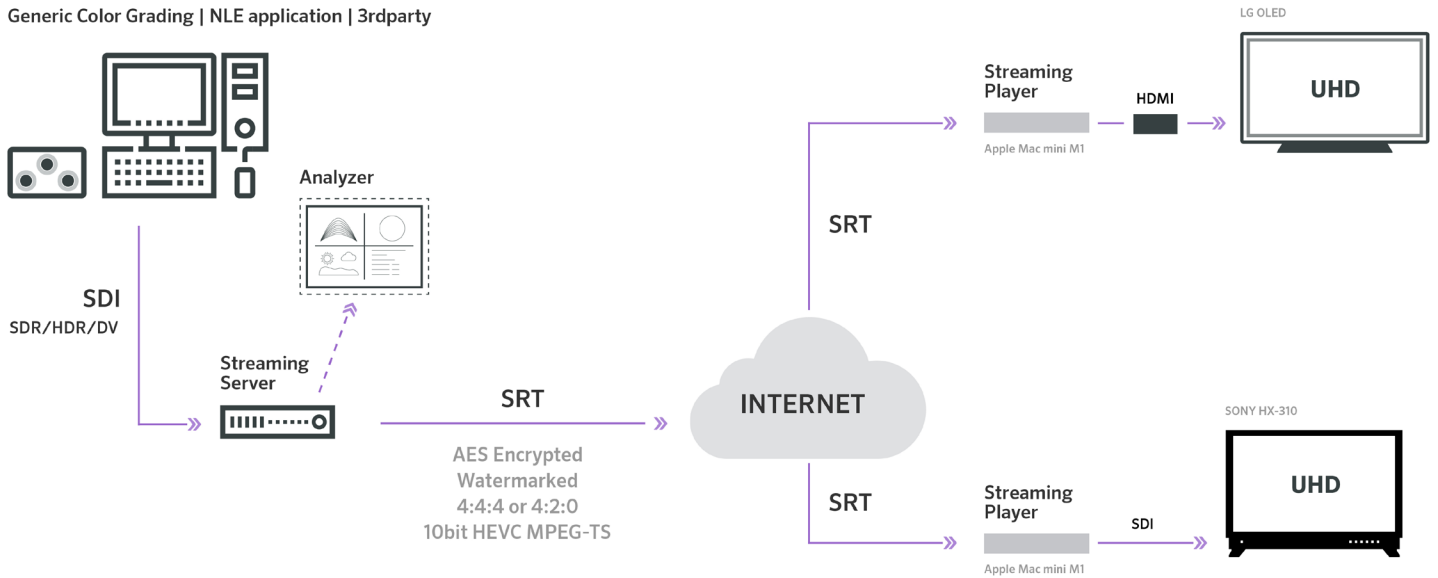
For more information, please visit:
www.colorfront.com

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Streaming Server

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Remote Streaming

Generic Color Grading | NLE application | 3rdparty



• MULTIPLE VIDEO STREAM

2 independent UHD channels or 4 HD channels

• AES ENCRYPTION

256-bit AES encryption is used to ensure content remains secure and protected

• VISUAL AND FORENSIC WATERMARKING

Forensic watermarking with Nexguard or Visual watermarking.

• ROBUST STREAMING SYSTEM BASED ON SRT (SECURE RELIABLE TRANSPORT)

Industry proven open source standard that is optimized for performance across unpredictable networks

• COMPATIBLE WITH HAIVISION HUB AND GATEWAY

For Enterprise solution, client can use Haivision hub and Gateway for enhance feature and functionality

For more information, please visit:
www.colorfront.com