ClearView Pivot gives you the quality of review you would expect in a grading suite or screening room, but remotely. Share colour and frame-accurate footage in 4K HDR – all in real-time. Pivot is a high-quality, secure solution for remote screening, colour grading and finishing review and approvals. ClearView Pivot is part of Sohonet's ClearView product family -- our real-time, remote collaboration toolkit for M&E teams.

FEATURES

Super high-quality streaming

Supports 2K, UHD, 4K video formats, up to 4:4:4 chroma and 12-bit colour depth in colourspaces REC 601, 709 & 2020, using jpeg2000 compression. The quality of your input is not lost in our encode and streaming process ensuring that you are always getting the best viewing experience and that everyone on a call is viewing the same thing at all times. You can happily use ClearView Pivot for colour grading and VFX review without worrying that your precious content is lost in translation.

Ultra-low latency

Traditional streaming hardware products suffer when they run over the Internet due to packet contention and loss on the network. By running the service over our SMN, we can guarantee that latency is not an issue and ensure that our real-time solution really is in 'real-time'

Point-to-multipoint solution

With other hardware streaming products, a point-to-point connection is required between encoder and decoder which needs to be setup and tested before any streaming session. With ClearView Pivot you connect your Pivotbox to our network once and we can connect you with your collaborator's Pivotbox with a simple setup on our end. After this one-time setup you're ready to go with a few clicks on the call management app allowing you to 'pivot' between endpoints as and when you need or even stream to multiple endpoints at the same time.

Simple to Use

Sessions are managed through a very simple-to-use call management app accessed via a web browser. Setting up a 'call' is as simple as selecting the Pivotbox you are streaming from, selecting an end user and waiting for them to answer the call on their side, No technical expertise are required.
Studio-grade security

For more information on ClearView Pivot head to
https://www.sohonet.com/clearview-pivot/

Managed service

As a service, we aren't selling you hardware at enormous expense to your CAPEX budgets and leaving you to it. As an ongoing service we constantly monitor and maintain the Pivotboxes at your sites and make sure they are always on and ready to go.
We will continue to provide updates and feature improvements as part of our development cycles to make sure we are adapting to the industry's changing needs.

Studio-grade security

With ClearView Pivot your valuable pre-release content is in very safe hands. Streaming encrypted data over our private network means there's no need for the risk of uploading and storing your critical assets on publicly accessed cloud storage accounts as you do with offline review and approve workflows.
We are independently audited with a regular review cycle to ensure every new feature and update added to the service passes the strict security policies of our studio customers' infosec teams.

TECH SPECS

Video Standards Supported	SD Video Standards 525i59.94 NTSC, 625i50 PAL HD Video Standards 720p50, 720p59.94, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30 1080i50, 1080i59.94, 1080i60 2K Video Standards 2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p, 2K DCI 29.97p, 2K DCI 30p, 2K DCI 50p, 2K DCI 59.94p, 2K DCI 60p 2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF, 2K DCI 29.97PsF, 2K DCI 30PsF Ultra HD Video Standards 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30 4K Video Standards 4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p, 4K DCI 29.97p, 4K DCI 30p, 3D SDI Video Standards Not currently supported (under development)
SDI Compliance	SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 425M, SMPTE 435, SMPTE 2081, SMPTE 2082, ITU-R BT.656 and ITU-R BT.601.
Audio Sampling	Television standard sample rate of 48 kHz at 24-bit.
SDI Video Sampling	4:2:2, 4:4:4
SDI Color Precision	8, 10, 12-bit RGB 4:4:4 in all modes up to 4K DCI 30p, and 8, 10-bit YUV 4:2:2 in all modes
Colour Space	REC 601, REC 709, REC 2020
Multiple Rate Support	SDI video connections are switchable between SD/HD/2K and 4K and 8K.
Encryption	Every stream is encrypted using AES-128, with a per-session key.
Forward Error Correction	Low-Density Generator Matrix (LDGM)-based Raptor code is applied to every stream to increase robustness.
Compression	High-quality JPEG 2000 compression is applied to the stream.

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