![clearview]

REMOTE COLOUR GRADE REVIEWS

Bring real-time colour review to remote teams

When it comes to colour grading, it has typically been a combination of the colourist sitting in a dark room on their own, interspersed with the director and other creative decision makers looking over their shoulder to give guidance and creative direction.

Remote colour grade reviews between facilities did take place pre-pandemic, but mostly only with high budget productions due to the cost and complexity of creating a real-time review session with the right video quality (engineering time, networking and firewall configurations, daily pre-session checks, etc).

In addition, it historically has been an incredibly time-consuming exercise to set everything up, not to mention the issues around security and overcoming lagging video. To further complicate things, the shift to nearly full remote working in the last two years has meant that there are regular instances when neither the artist nor the client can make it to the facility.

SOHONET HELPS COLOURISTS TO COLLABORATE REMOTELY

ClearView was designed to support the colour grading process for three major workflows:

> Facility-to-facility (local/regional/global)
> Colourists working remotely from their own facilities without client review
> Colourists and creative stakeholders collaborating from separate remote locations
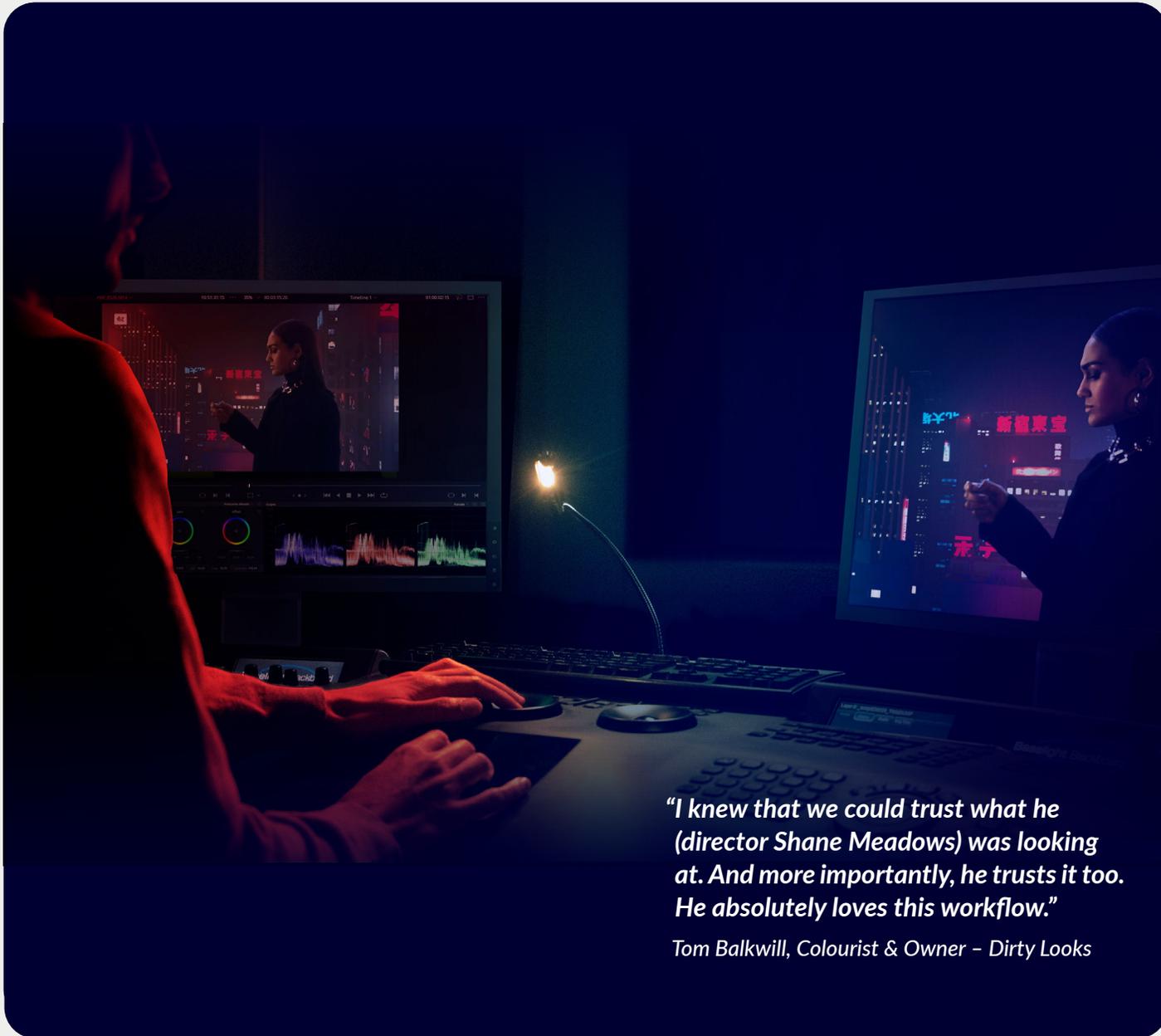
SUPPORT HIGH QUALITY CRITICAL REVIEWS FOR REMOTE COLOUR SUITES AND SCREENING ROOMS

ClearView Pivot was designed for theatrical grade colour reviews between facilities. The ultra-low latency (sub 100ms) and maximum video and audio fidelity make it indispensable for those near final reviews where even the shade of grey in the paint on the wall matters when you are pushing 4K video in JPEG2000 with 12-bit colour depth, 4:4:4 chroma sampling and 16 channels of audio.

The video is transported over the Sohonet Media Network – purpose-built for high bandwidth video streaming without packet loss – and once the initial install is completed, the secure ClearView Pivot ecosystem removes the need for an army of video engineers to get involved with colour review sessions.

SUPPORT HIGH QUALITY REMOTE COLOUR GRADING

For colourists working from home, Pivot Lite enables 2K and 4K workflows to be conducted at extremely high quality. This allows remote colourists to drive facility-to-facility workflows from their remote locations when required. In this workflow, colourists can stream the output from their Flame, Resolve or Baselight from the post facility to their remote location and using the remote KVM capabilities of the colour grading tools to drive the ultra-low latency stream to achieve their creative vision.

SUPPORT FOR REMOTE CUSTOMER COLOUR REVIEWS

With some productions it may not be practical to set up the creative stakeholders with dedicated equipment at their remote location. In this scenario, Clearview Flex has advanced and expanded its colour space features with new HDR streaming capabilities in real-time and ultra-low latency. Remote colourists can then drive the grading workflow from their Pivot/Pivot Lite setup and use ClearView Flex to reach remote creative executives on consumer devices (iPad, AppleTV).

"I knew that we could trust what he (director Shane Meadows) was looking at. And more importantly, he trusts it too. He absolutely loves this workflow."

Tom Balkwill, Colourist & Owner – Dirty Looks

REMOTE COLOUR GRADING IN ACTION

Specialists in colour grading and masters of independent British feature films, Dirty Looks used ClearView Flex on the colour grade of director Shane Meadows' production The Virtues. This enabled them to stream their content securely to a carefully calibrated and bespoke monitor at Meadows' home, where he could then review the grading sessions in real-time, via standard consumer broadband.

MEET THE CLEARVIEW FAMILY

Solving your real-time remote colour grading challenges

Sohonet's ClearView range gives you the freedom to meet the diverse collaboration challenges at every stage of your productions. Whether you're making decisions where quality is paramount, or you need the flexibility to review content from any device, anywhere, ClearView has you covered.

CLEARVIEW PIVOT:
MULTI-POINT REAL-TIME REMOTE REVIEW

For remote content review sessions that just work, choose ClearView Pivot. It's a real-time, high-quality remote collaboration tool with added flexibility to pivot endpoints at the click of a button.

> **4K HDR** with 12-bit colour depth and 4:4:4 chroma sampling
> **5.1 surround sound** and 512kbps bit-rate
> **Real-time streaming** with ultra-low latency
> Delivered over the uncontended **Sohonet Media Network**
> Connect **multiple endpoints** using a simple web interface

CLEARVIEW FLEX:
REAL-TIME REMOTE REVIEW ANYWHERE

For truly flexible remote review, ClearView Flex enables real-time creative collaboration on editing, VFX and content production. Enjoy the best quality viewing experience from any location, on any device.

> **Stream** via any network connection
> **Access** on phone, tablet, Mac/PC or Apple TV
> **10-bit colour** depth (4:2:2)
> **5.1 surround sound**
> **End-to-end encryption** and studio-grade security
> **Work quickly** and effectively with that 'over-the-shoulder' review experience

CLEARVIEW GLOW:
REAL-TIME REMOTE REVIEW IN HDR

ClearView Flex has expanded with Glow – offering new HDR streaming capabilities in real-time with ultra-low latency.

> **Rendering the Rec. 2020 or P3 colour spaces** giving you much wider colour gamut to work with
> **HDR/SDR content** of up to 2k DCI & 1080 resolution
> **10-bit 4:2:2/4:4:4** colour capture and increased bit rates
> **Multi-device support** delivering HDR to iPad, iPhone, Apple TV (coming soon)
> **Built-in security** including encrypted video streaming, session burn-ins, and secure invite links

TALK TO US ABOUT REAL-TIME REMOTE CONTENT COLLABORATION AND REVIEW

Sohonet ClearView gives storytellers the freedom to connect, collaborate and create together, in real time, with ultra-low latency.

Get in touch to request your demo and free trial.

Remote Colour Grade Reviews

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