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NEWSLETTER
JUNE 2026

Affordable SMPTE 2110 Video and Audio Monitoring for Windows

DekTec is excited to introduce a cost-effective solution for monitoring SMPTE 2110 video and audio on uncompressed video networks. As broadcast facilities transition from legacy SDI infrastructure to IP-based workflows with SMPTE 2110, there is a growing need for tools to replace traditional SDI waveform monitors in the IP domain. In response, DekTec has enhanced its well-known SdEye analyzer application to support SMPTE 2110 video and audio streams.

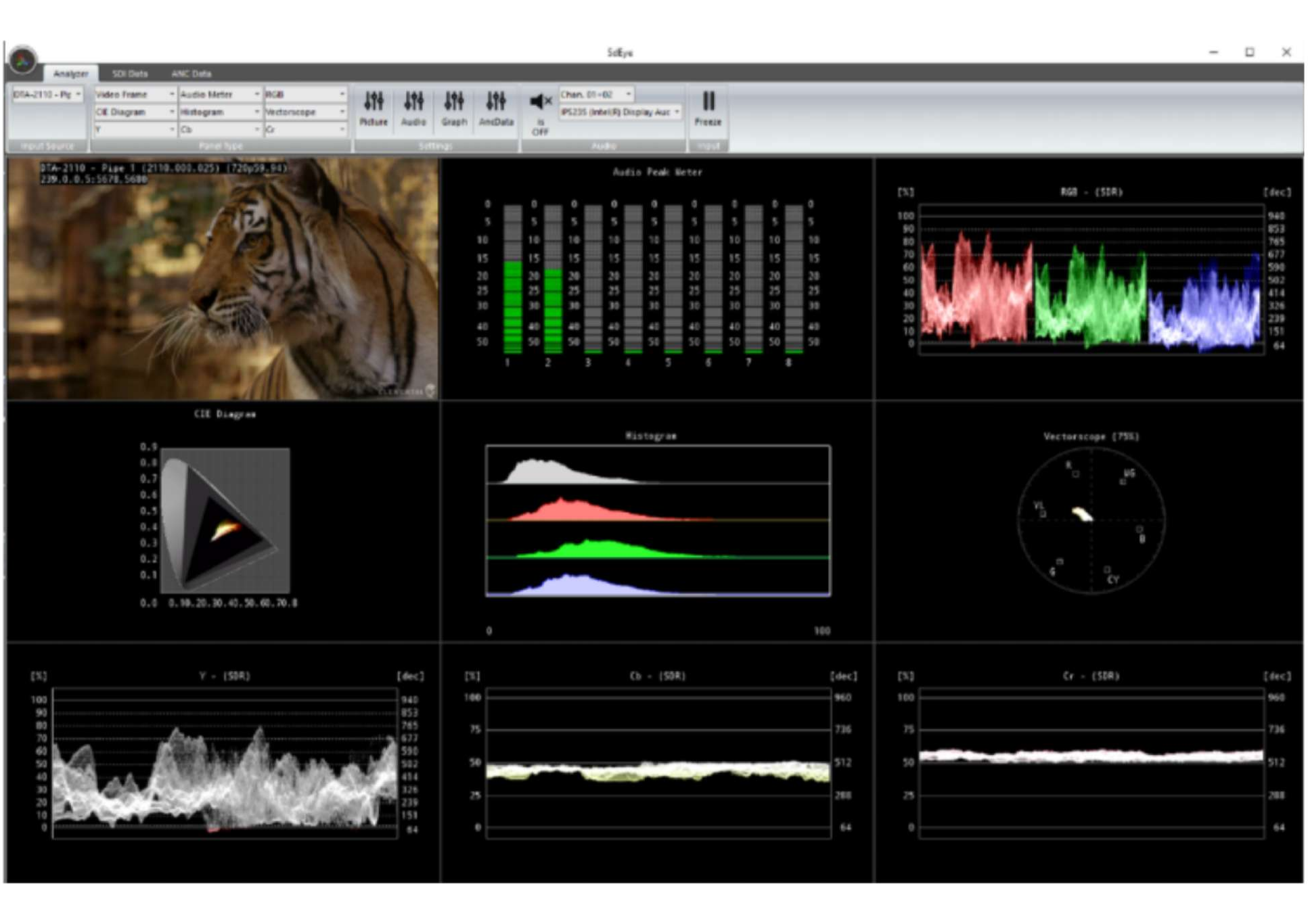
Powered by DekTec's High-Performance SmartNICs

By combining DekTec's DTA-2110 (10G) or DTA-2125 (25G) SmartNICs, optimized specifically for SMPTE 2110, with the powerful SdEye software, users can easily analyze, view, and listen to any uncompressed video and audio stream on their network. This is achieved by simply subscribing to the relevant multicast stream. The solution supports video formats ranging from SD to 4K at 60fps, and can display up to 16 audio channels per stream, providing a comprehensive and flexible monitoring solution for modern IP-based broadcast infrastructures.

SdEye for SMPTE 2110 runs on DekTec SmartNICs, including (DTA-2110 and DTA-2125)

Detailed Analysis of SMPTE 2110 Video and Audio Multicasts

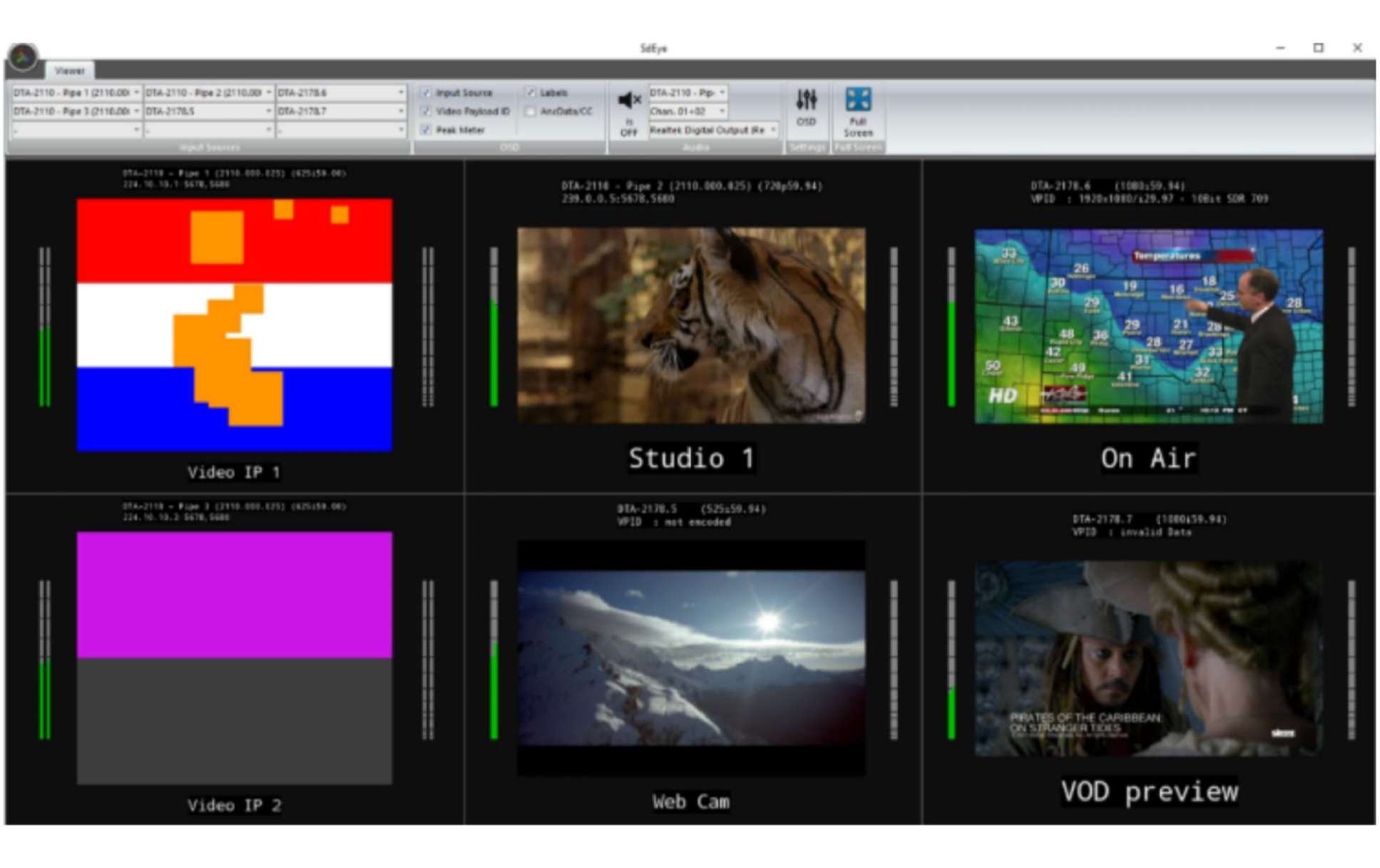
After subscribing to the multicast, the SdEye software provides real-time displays of the video picture, YCbCr/RGB waveforms, vectorscope, and audio peak meters for each audio channel. Users can also select an audio channel to listen to for monitoring. Additionally, when paired with a DekTec SDI capture card, such as the DTA-2178, SdEye can analyze traditional SDI signals, offering flexibility for hybrid workflows.



SdEye software analyzing up to 4Kp60 with audio on the SMPTE 2110 network.

Built in SMPTE 2110 and SDI Multiviewer

The SdEye software now includes a multiviewer feature, enabling users to monitor up to 9 video streams with audio simultaneously. Users can seamlessly mix and match SMPTE 2110 streams over the network with traditional SDI signals from a DekTec SDI capture card, providing a complete monitoring solution for the entire facility.



The SdEye multiviewer shows the destinations of SMPTE 2110 streams, as well as the video format or VPID for SDI streams. Users can add custom labels to each video and personalize the layout to suit their preferences.

PTZ Extreme
Advanced Robotic Camera Controller

The ultimate tactile controller for PTZ cameras and robotic systems of different brands such as Panasonic, Sony, Canon, BirdDog, JVC, PTZ Optics, Lumens, Bolin, AIDA, Vizrt... and more. The Unique SKAARHOJ Blue Pill operating system allows the detailed control of multiple cameras from different brands.

Your Controller, Your Way

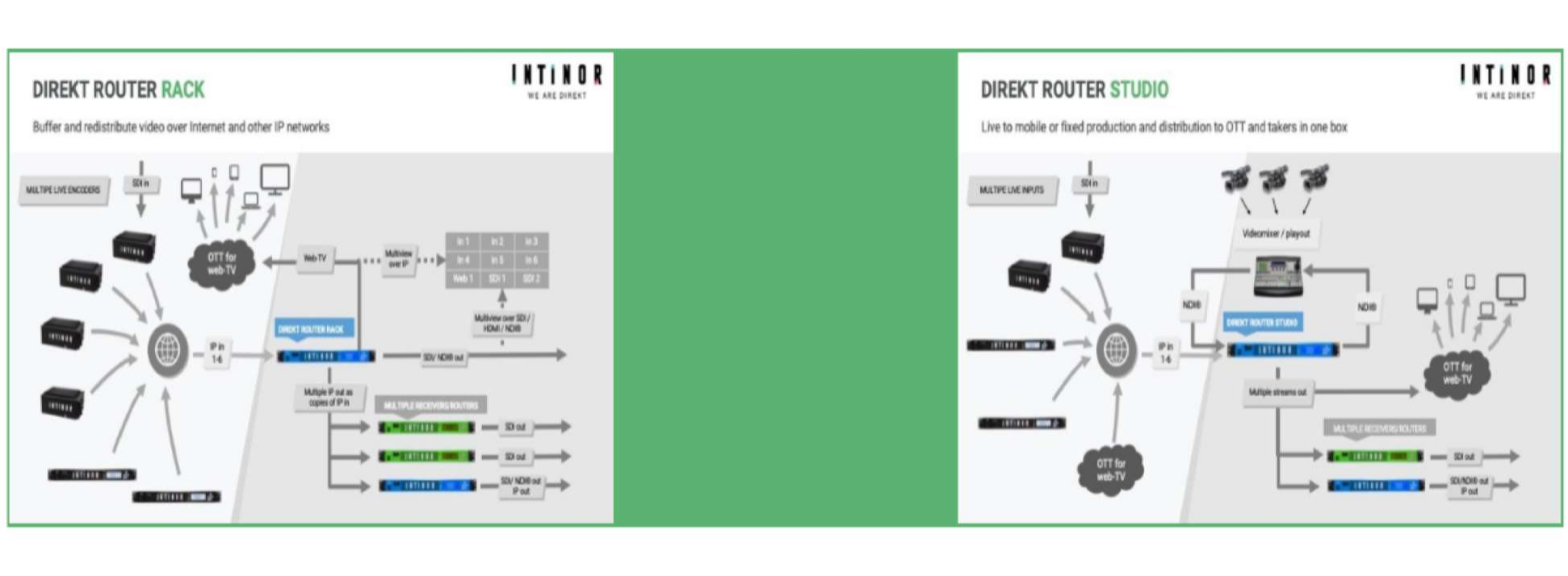
PTZ Extreme will always adapt to your workflow. SKAARHOJ controllers offer extensive customization options, allowing for the assignment of virtually any parameter to any button or knob. You can use our default configurations giving you the plug and play functionality or create your very own configurations from scratch. You can even assign part of the panel to control the cameras and part of the panel to control vision mixing – ideal for one-man bands or when dealing with limited desk space. You are in control!

INTINOR
WE ARE DIREKT

Easy solutions for high quality live video over the internet

The Direkt router is the Swedish army knife of video transmission. Direkt routers are used for connecting video links, for re-packaging between different transport protocols or to add/remove error correction. The router can be customized to perfectly fit your workflow.

EASY CONFIGURATION: Receives incoming IP stream(s). It analyses the stream and re-sends it, possibly in a different IP network, without adding any delay on the video link.
IDM: IDM (Intinor Direkt Management), the system for statistics, management and supervision, is included in the Direkt router, simplifying troubleshooting in the network.
NO LIMITATIONS: No data volume cost – No bandwidth limitations – zero OPEX


DIREKT ROUTER RACK
Buffer and redistribute video over Internet and other IP networks
DIREKT ROUTER STUDIO
Live to mobile or fixed production and distribution to OTT and takers in one box

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ADDER®

Desktop Switches

Desktop KVM switches facilitate ergonomically optimized workspaces by allowing users to instantly switch keyboard, video and mouse signals between multiple computers from a single workstation.

ADDERView® 4 PRO DisplayPort™

- Flexible KVMA switch for sharing high resolution single-head DisplayPort video, audio and USB between multiple sources.
- Enables four computers to be controlled from a single high resolution console using DisplayPort connections. USB True Emulation technology enables USB HID devices to be continuously emulated to each computer for instantaneous and reliable hotkey switching. Option to attach selected peripherals to different computers.

ADDERView® 4 PRO DVI

- Flexible KVMA switch for sharing high resolution single-head DVI video, audio and USB between multiple sources.
- Enables four computers to be controlled from a single high-resolution console using either Dual-Link DVI or high-definition analog links. USB True Emulation technology enables USB HID devices to be continuously emulated to each computer for instantaneous and reliable hotkey switching. Option to attach selected peripherals to different computers.

ADDERView® 4 PRO DVI DUAL

- Flexible KVMA switch for sharing high resolution dual-head DVI video, audio and USB between multiple sources.
- Enables four computers to be controlled from a single high resolution console using either Dual-Link DVI or high-definition analog links. USB True Emulation technology enables USB HID devices to be continuously emulated to each computer for instantaneous and reliable hotkey switching. Option to attach selected peripherals to different computers.

ADDERView® 4 PRO VGA

- Flexible KVMA switch for sharing high resolution single-head VGA video, audio and USB between multiple sources.
- Enables four computers to be controlled from a single high resolution console using VGA connections. USB True Emulation technology enables USB HID devices to be continuously emulated to each computer for instantaneous and reliable hotkey switching. Option to attach selected peripherals to different computers.

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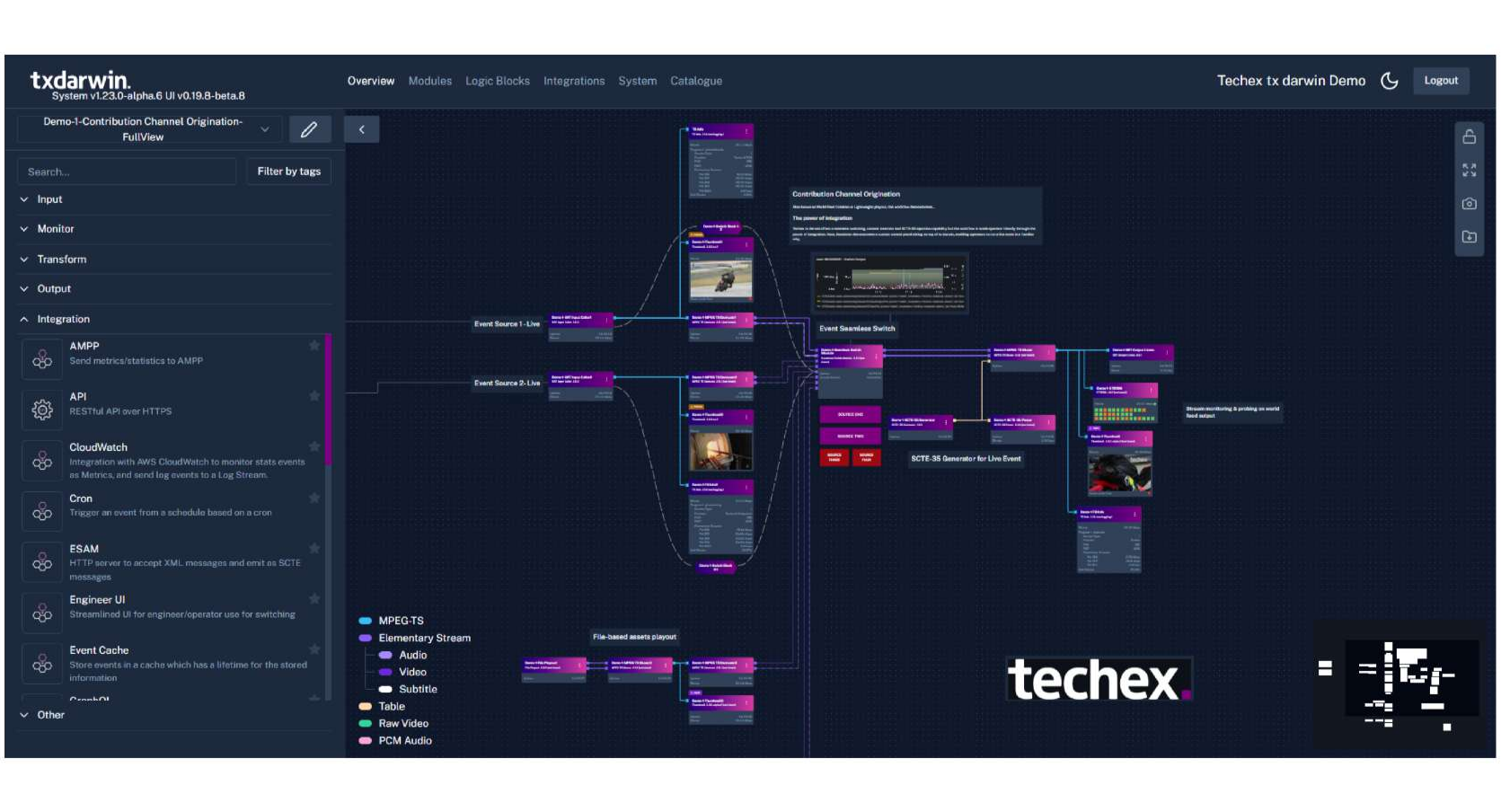
techex.
WE SPEAK NEW BROADCAST

txdarwin.

Cloud native agility, broadcast-grade precision

Designed for hybrid and pure Cloud workflows, tx darwin offers a secure and flexible live media processing, transport and monitoring framework to solve key requirements within critical contribution, mezzanine and distribution workflows.

As broadcast workflows fully embrace the Cloud to deliver increased agility and accelerated innovation cycles the new generation of broadcast solutions must be engineered to Cloud native principles whilst doubling down on the precision of our broadcast heritage.
This is the key principle on which tx darwin is crafted.



Solving for the complexities of modern broadcast

tx darwin is built to underpin the highest scale most critical tier-1 media and broadcast workflows. Through a microservice architecture its framework delivers a growing toolset of transformations designed to address critical functions within the most progressive Cloud and software workflows.
We chose to build tx darwin's real-time code from the ground up allowing us to deliver the lowest possible compute and carbon footprint whilst underwriting interoperability and standards compliance.

Experience our latest innovations

Cloud Playout Protection
Safeguarding the world's most valuable content with seamless, fully integrated switching — all in a truly cloud-native footprint --> Seamless encoder switching in the compressed domain | Prevents downstream disruption.
→

World Feed Origination
Operator-led switching, SCTE-35 and graphics insertion for live sports --> Operator control interface | SCTE-35 marker insertion | HTML graphic overlays.
→

MCR in the Cloud
Zero compromise MCR experience in the cloud
Monitoring and adaptation | Blueprints for rap deployment | Audio shuffling.
→

Syndication at Scale
Adapt once, deliver to many --> Integration with ESAM / SCTE-224 | Schedule driven automation | InSync-powered frame rate conversion.

Seamless TS Switching
Seamless redundancy transport stream splicing to allow failover between diverse non-RTP coherent linear Cloud infrastructure.

Advanced Re-multiplexing
High-performance multiplexer designed to deliver standards-compliant transport streams.

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