



Capture, Record, Distribute, Manage AV-over-IP Content

Avenue is a versatile ecosystem for capturing, synchronously recording, distributing, and managing AV-over-IP streams. AVenue Media Server is a multi-stream IP-based network recorder and playback appliance capable of synchronously archiving dozens of simultaneous HD & UHD resolution AV streams.

Easily relay AV content to software and hardware endpoints. Convert any unicast stream to a multicast stream (and vice-versa) and adjust the bandwidth of outgoing streams to accommodate the network constraints of endpoints (Trans-Profilng). AVenue ecosystem utilizes a feature-rich Management Controller and Media Player with full DVR capabilities including Play, Pause, Skip Back, Fast Forward, & Catch up to Live.

With AVenue Multi-Stream Decoders, view and control up to 16 live and recorded sources with custom layouts, bookmarking, & DVR controls.

Features

- > Ingest/Capture AV-over-IP streams
- > Supports V2D, H.264, MPEG2, MPEG4, AAC, RTP, UDP/IP Streams including Distributed Interactive Simulation (DIS), H.265 (coming soon), and RTSP (coming soon).
- > Synchronously Record up to 50 AV Streams
- > Record to and playback from NAS
- > Relay AV to Hardware & Software endpoints
- > Unicast to Multicast and Multicast to Unicast AV Stream Conversion
- > Real-time DVR capabilities including Play, Pause, Skip Back, Fast Forward, & Catch up to Live
- > KVM-over-IP capabilities for Remote Computer & Asset Control

Use Cases

- > Mission Critical & Operation Control Rooms
- > Network & Security Operation Centers
- > Global Enterprise AV distribution, recording, and playback
- > Training & Simulation
- > After Action Reviews
- > RDT&E
- > Material & Life Sciences

Ecosystem Work Flow

AV Sources:

- > V2D Encoders
- > H.264, MPEG2, MPEG4 Encoders
- > RTP, UDP/IP, & DIS
- > H.265 Encoders (coming soon)
- > RTSP (coming soon)

