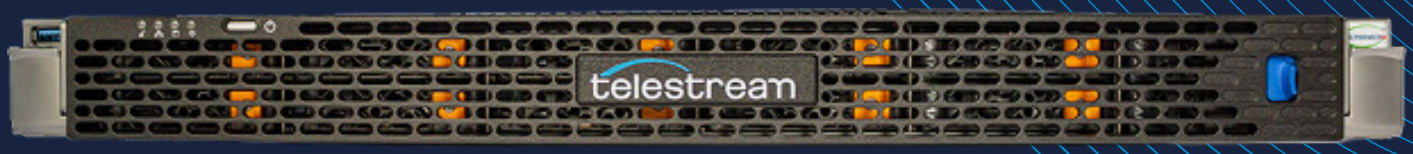
Live Capture

The Industry's Most Flexible Live Ingest Platform



Overview

Telestream Live Capture is a complete platform for live ingest, capture and archiving. It records SDI, ST 2110 and compressed IP sources into the broadest range of primary, proxy and archive formats of any live ingest platform, and delivers growing files to editors and MAM systems while recording is still in progress.

Deploy it as a turnkey appliance or as Software-Only on your own infrastructure, with perpetual or subscription licensing. Built on the Telestream Vantage media processing ecosystem, Live Capture is part of more than 2,500 Live Capture and Live Play systems deployed and trusted by major broadcasters worldwide.

At a Glance

- Up to 16 3G-SDI or 8 12G-SDI inputs, plus ST 2110 and compressed IP
- Industry codecs from ProRes and DNxHR to XAVC and HEVC
- Edit growing files in Avid, Premiere and Resolve while recording
- Scheduled, manual, VTR and API-controlled recording
- Primary plus up to two secondary outputs, with HLS/DASH proxy
- Full HDR10 and HLG support with 10-bit color throughout
- Appliance or Software-Only; perpetual or subscription
- Scales from a single channel to full Array deployments

Ideal for: broadcasters, sports and news operations, post-production facilities and media archives that need reliable, high-quality ingest from live feeds and tape.

Key Features & Benefits

Capture Anything, Anytime

Format Leadership
- MP4, MXF XAVC, MXF OP1a, QuickTime, Matroska, MPEG-2 TS, TIFO and SRT streaming
- Primary plus up to two secondary outputs, with open growing-file output
- Apple ProRes, Avid DNxHD/DNxHR, XAVC, AVC-Intra, H.264, HEVC, XDCAM and more
- HLS/DASH proxy created in parallel

Archive-Grade Quality
- JPEG 2000 (lossy and lossless) and FFV1 for long-term preservation
- Full HDR10 and HLG support with 10-bit color depth

Every Source
- High-density SDI: up to 16 3G-SDI (or 4 x UHD/4K) or 8 12G-SDI inputs
- ST 2110 with 25GbE or 100GbE on appliances
- Compressed IP: SRT, MPEG-2 TS, RTMP and NDI
- RS-422 VTR control and Tape Capture web app for tape libraries

Flexible Recording
- Manual, scheduled and 24/7/365 recording
- Log & Capture with VTR control
- Automated control through a Web Service API

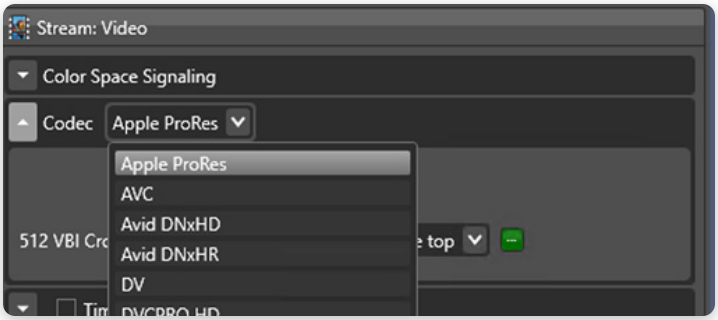
Deploy Your Way

Appliance or Software-Only
- Turnkey appliance for SDI and ST 2110
- Software-Only for compressed IP on your own infrastructure
- Perpetual or subscription licensing

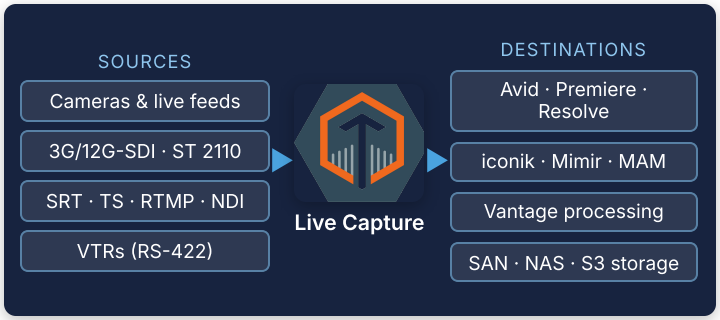
Built on Vantage
- Pure software on standard CPUs/GPUs, nothing proprietary
- Run Vantage Transcode, Analysis or Metadata when not ingesting
- Record to any storage: local, SAN, NAS or S3
- DIVA archive integration through Vantage

Edit While You Record
- Avid Media Composer-compatible MXF OP-Atom/AAF media, created directly
- Growing files for Media Composer, Premiere and DaVinci Resolve
- Hi-res and proxy delivered to iconik and Mimir during capture
- Metadata set during capture travels with the asset

Scale & Automate
- Grow from a single channel to full Array deployments
- Add Live Schedule Pro for calendar scheduling, router control and failover
- Proven: 2,500+ Live Capture & Live Play systems deployed



Live Capture output configuration with broad codec support



From any live source to edit, MAM and archive

Capabilities & Specifications

Input Sources

- Up to 16 3G-SDI inputs (HD up to 1080p 50/60), or 4 x UHD/4K
- Up to 8 12G-SDI inputs (HD and UHD/4K)
- SMPTE ST 2110 with 25GbE or 100GbE (appliance)
- SRT, MPEG-2 Transport Stream, RTMP and NDI
- RS-422 VTR machine control for tape ingest

Output Formats & Wrappers

- MP4, MXF OP1a, MXF XAVC, QuickTime, Matroska, MPEG-2 TS, TIFO
- Avid MXF OP-Atom / AAF
- HLS and DASH proxy
- SRT streaming output
- Open (growing) file output
- Any storage destination: local, SAN, NAS or S3 object storage

Supported Codecs

- **Apple ProRes:** 422 HQ, 422, 422 LT, 422 Proxy
- **Avid DNxHD:** HQX, HQ, HQ TR, SQ, SQ TR, LB
- **Avid DNxHR:** HQX (10-bit), HQ, SQ, LB
- **Sony XAVC Intra:** Class 100, 300 and 480 4:2:2
- **Sony XAVC Long GOP:** Class 25, 35, 50; QFHD 100, 140, 200
- **Sony XDCAM:** HD (18/25/35 Mbps), HD422 (50 Mbps), EX
- **Sony IMX:** 30, 40 and 50 Mbps
- **Panasonic AVC-Intra:** 50, 100 and 200 Mbps
- **Panasonic AVC-Ultra:** Long GOP 12, 25, 50
- **DV family:** DV 25, DVCPRO 25/50, DVCPRO HD
- **H.264/AVC:** Baseline, Main, High, High 10, High 4:2:2
- **H.265/HEVC:** Main, Main 10, Main Intra
- **MPEG-2**
- **JPEG 2000:** lossy and lossless
- **FFV1** and **uncompressed 10-bit** (V210)

Archive Formats

- JPEG 2000 (lossy and lossless)
- FFV1

Video Quality

- SD, HD and UHD/4K
- HDR10 and HLG across Capture and Vantage
- 10-bit color depth throughout the pipeline

Recording & Control

- Manual and scheduled recording
- Log & Capture with VTR control
- Tape Capture web app
- Web Service API
- Scheduling and router control with Live Schedule Pro

Editing & MAM Integrations

- Avid Media Composer and Avid MediaCentral
- Adobe Premiere and DaVinci Resolve (growing files)
- iconik: hi-res and proxy during capture
- Mimir: Mimir format with growing media on S3
- Telestream GLIM for remote viewing

Deployment & Licensing

- Lightspeed Live Capture appliance or Software-Only
- Perpetual or subscription
- Single channel to Array deployments
- Silver, Gold and Platinum support plans

Expand Your Solution

- Live Schedule Pro, Router Control and Intelligent Channel Management
- Vantage Transcode, Analysis and Metadata
- Live Play multi-format playout, available on VP-105 and VP-305 servers
- Need fully managed cloud ingest? See UP.Capture

Learn more about Live Capture:
telestream.com/live-capture

Want to schedule a demo?
Contact us at telestream.com/contact-us
Docs, downloads & support: support.telestream.net

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