

# XS

INTEGRATE  
YOUR CREATIVITY

**STUDIO PRODUCTION  
SERVER**



# INTEGRATE YOUR CREATIVITY

**XS is a new generation of intelligent production servers specifically designed for studio applications.**

XS is a perfect solution for replacing VTRs. It helps to simplify and ease the transition to tapeless production. Built on the unique EVS loop recording system, XS provides unmatched solutions for the recording of multiple audio and video feeds and for control and playback operations.

XS can be managed by a range of EVS hardware and software controllers and adapted to all types of production workflows. Thanks to its open architecture, XS can also be managed by third-party tools such as automation systems, linear or hybrid editors, switchers and controllers. XS can also ingest tape machines, eliminating the need for playback equipment and editing recorders.



Based on its powerful dual networking capabilities (broadcasting and IT), XS makes recorded media instantly and directly available across the production network for simultaneous preview, rough editing, archiving, playback or post-production. The server supports a wide range of formats and codec configurations to fit all types of workflows, streamline media transfer and better preserve quality. XS also natively supports the Avid DNxHD®, Apple ProRes 422 and ProRes 422 HQ, Panasonic DVCPRO HD and AVC-intra codecs, XDCAM HD and 1080p. XS can be configured with six full 3D / 1080p channels (3G/Dual link) offering all the same features in a 3D environment. In addition, XS can be configured in SpotBox mode to be controlled through protocols by third-party systems. Finally, XS can have a special mode with 12 ingest channels using the Gigabit Ethernet connectors to stream to post-production.

## MAIN APPLICATIONS

- ▶ Studio production
- ▶ Live studio production
- ▶ Content control & delay
- ▶ Fast turnaround production
- ▶ Scenarized production
- ▶ VTR replacement
- ▶ Soaps
- ▶ Talk shows

## KEY BENEFITS

### PERFECT ALTERNATIVE TO VTRs

XS is the best way to maximise your investment in tapeless technology, providing faster production workflows and better control of content. As you can carry out several tasks simultaneously, XS significantly improves efficiency and cost performance. It also means that editors can focus on more creative tasks for a better end result.

### MULTICHANNEL SD & HD INGEST

XS offers fully synchronised multi-camera recording. As its design is based on EVS' unique loop recording system, audio and video feeds are constantly recorded from each camera in a continuous loop. In short, XS ensures that no shots are missed. It can control the ingest of audio, video or graphics input from various sources; including cameras, satellite feeds, craft editors, graphics software, and video recorders. XS also offers a fully scalable ingest capacity within any network environment.

### SYNCHRONISED & INSTANT PLAYBACK

XS is ideal for televised debates, talk shows, game shows, news shows and concerts and play back on large screens during events. Due to EVS' real-time tapeless technology, XS gives producers immediate playback control of live productions, as well as playlists, clips, graphics, logos and edits. Fully synchronised playback means the best security for playback on big or multiple screens.

### CONTROL & TRANSFER WHILE RECORDING

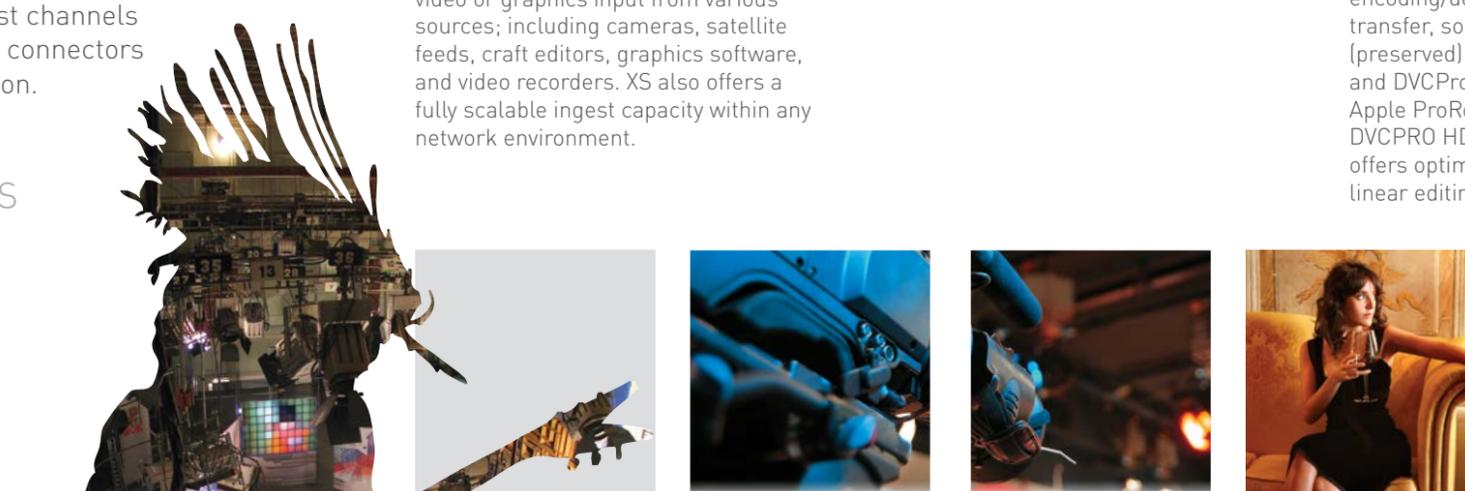
XS allows operators to simultaneously create clips, make playlists, produce rough-cut edits, transfer content to post-production and record. This feature makes EVS technology the best solution for fast turnaround productions.

### PROVEN PERFORMANCE & RELIABILITY

EVS has gained a reputation for reliability based on years of experience in the intense environment of sports and live production. Its proven technology has been heralded as the best of breed for its speed and flexibility, which is why it has been adopted by the flagship broadcasters with the most demanding workflows. Immediate control and full redundancy power supplies are all part of EVS' reliability and exceptional performance.

### POWERFUL INTEGRATION WITH POST-PRODUCTION

A key element of EVS' studio production server is its unrivalled integration with the most popular post-production tools in the market, including Avid Media Composer, Apple Final Cut Pro, Adobe Premiere and Quantel, among others. XS natively supports multiple SD/HD codecs with encoding/decoding processes for media transfer, so is both faster and of better (preserved) quality. For SD: IMX, MJPEG, and DVCPro50; for HD: Avid DNxHD®, Apple ProRes 422, MJPEG, MPEG2 intra, DVCPRO HD AVC-intra and XAVC. XS offers optimal integration with traditional linear editing workflows as well.



# CREATIVE

## MULTI-FORMAT RECORDING

The XDCAM dual mode option enables unique multi-format recording, and supports simultaneous live production, post-production and archive workflows - all from one compact and affordable unit. It provides customers with a cost-effective and smooth transition to HD, without the need to invest in new network and storage infrastructures. The world's first server to record dual hi-res and low-res content, it simultaneously generates high-quality production codecs and ProRes) and a full raster archive codec (XDCAMHD) - making it perfect for reality TV shows and live events. Supporting up to twelve XDCAMHD record channels, it is the perfect space-saving and productive alternative to VTRs.

## SNMP

The SNMP protocol is integrated into the XS server. All of the parameters of the production server can be centrally monitored through EVS' dedicated client, or in existing SNMP monitoring platforms: server status, channel configuration, disk failure, remaining capacity, etc. In addition, maintenance operations such as software upgrades and troubleshooting can be carried out remotely from the central interface.

## THIRD-PARTY CONTROL

XS accepts most popular control protocols, including VDCP, AVSP, Odetics, Sony BVW75, as well as Thomson XtenDD 35. As it is based on an open architecture platform, XS offers seamless integration with third-party tools. Craft editors such as Avid Media Composer, Apple Final Cut Pro®, Adobe Premiere, Quantel, and others can be easily integrated with XS and its multiple media transfer processes for immediate content editing, based on feed streaming and the play while recording feature. XS also integrates seamlessly with new media asset management systems, and through EVS' repurposing tools or third-party systems, any media on the XS server can be delivered to new media entertainment channels such as the web, tablets, mobile phones, and more.

As an option, XS servers can be delivered with EVS' XTAccess software, which handles on-the-fly transcoding, re-wrapping, and media conforming. These steps are managed transparently and automatically, allowing smooth integration with non-native formats.

## SCALABILITY & UPGRADES

EVS' engineers and designers are always available to advise on your workflow, and can help you expand your production workflow according to your studio's needs. Massive online access can be achieved through distributed storage, and scalable near-line storage is also available.



### IPDirector

IPDirector is a complete suite of production management applications that allows users to ingest, log, manage, search, track, edit, create clips and highlights, browse, delay, control, and ultimately play-out video or audio content instantly.

### Xsense.

Designed for XS, XSense is a handy solution for replacing VTRs. All the key features for live and near-live studio productions are grouped together in this intuitive and user-friendly XS server panel, offering an effective and reliable solution for your transition to tapeless.

## LOOP RECORDING

EVS ingest and loop recording solutions guarantee uninterrupted multi-channel recording and access to recorded material at any time. Recording starts as soon as the server is booted, and remains on until the server is shut down. Recording capacity can be configured separately for each recording channel. Selected sequences can be protected and kept for as long as required without interrupting the recording process. Material can be recorded on internal or external disks.

## DUAL NETWORKING

The XS can be linked to two distinct networks. The EVS high bandwidth media sharing network called XNet[2] allows all video and audio sources recorded on any network-linked server to be instantly available to operators without any interruption in the recording process. The XNet[2] is used mainly for critical transfers during live productions. The XS also offers advanced gigabit Ethernet network capabilities, so that operators can browse and preview content stored on the server and transfer media files directly to third-party systems.



## KEY FEATURES

- Multi-channel SD & HD ingest
- Synchronised and instant playback
- Control and transfer while recording
- Perfect alternative to VTRs
- Media sharing network
- Native support of multiple codecs
- Designed for full tapeless workflows



# CUSTOMER SUPPORT & TRAINING

Our clients range from TV stations and rights owners to video equipment providers and production houses worldwide. We listen, analyse existing workflows, anticipate customer needs, and implement effective, highly reliable solutions. Enabling our customers to provide top-quality TV programming and enriched content to millions of viewers across the globe is our top priority.

## CUSTOMER SUPPORT

Our products should function in ways that meet your specific needs and expectations - every minute of every day. That's why our technical support is always on, 24/7 from each of our regional offices. Someone is always available to answer any question, large or small.

Every person in EVS' technical support team is a qualified technician with a solid background in broadcasting. They understand your requirements and will work tirelessly to answer your question and resolve your support issue enabling you to focus on your job.

## TRAINING

Interested in learning how to operate EVS systems and applications or getting more out of our solutions?

Let us show you how. We offer a wide range of courses on how to operate EVS products - from beginner to expert - taught in-house by industry professionals. We also carry out some sessions through a simple web interface, so you can benefit from hands-on instruction - even at a distance. EVS user guides and technical documents are also available free of charge at our website (just click Downloads on our homepage).



Europe, the Middle East & Africa  
+32 4 361 7000

North America  
+1 973 575 7811

Latin & South America  
+52 55 46 31 22 00

Asia & Pacific  
+852 2914 2501

Other regional offices  
[www.evs.com/contact](http://www.evs.com/contact)

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