

XT-3

GET MORE OUT OF NOW

**PRODUCTION
& MEDIA SERVER**



MORE POWER. CHANNELS. CAPABILITIES.

The ChannelMAX mode of the iconic XT3 server combines legendary EVS speed and reliability with new ability to expand channel capacity through Multicam engine software updates. ChannelMAX allows the XT3 to grow alongside your needs for the ultimate production flexibility.

This scalability also makes the XT3 the ideal choice for today's live productions using high frame rate cameras. SuperMotion is the cornerstone of EVS' business and the XT3 works seamlessly with every available SuperMotion camera on the market. Now you can easily enrich your production with two, three, four, six, eight or ten time SuperMotion to enhance your storytelling.

Because live production never stops, neither should your recording engines. EVS production servers have changed the way replays are produced, through a unique looped process that never ends - so you never miss any action.

With today's proliferation of codecs, whichever codec you choose, the XT3 runs native in your format, providing greater production speed and eliminating wasted conversion steps.

Storage capabilities also set apart the XT3 ChannelMAX, allowing you to expand your production, not the complexity of your workflow. Unlike other systems in the market, the XT3 easily expands storage through a choice of onboard and externally expandable options that provide up to 350+ hours in HD at 100Mbps.

Best of all, the XT3 server platform continues to evolve with your ever-changing production needs. With the flexibility to switch your production's standards, the XT3 makes sure you're covered - now and in the future.

MAIN APPLICATIONS

- ▶ Live OB/Remote production
- ▶ Studio ingest
- ▶ Live studio production
- ▶ Content control & delay
- ▶ Fast turnaround production
- ▶ Scenarized production
- ▶ VTR replacement



GIVING YOU MORE

MULTI-CHANNEL INGEST & PAYOUT

The XT3 supports up to 12 HD channels with flexible configuration. It provides secure multi-channel ingest capabilities for audio/video content from any source, including cameras, super/hyper motion cameras, satellite, craft editors, graphic tools, video recorders or video tape recorders. With its DualPower technology, the XT3 can be configured to support up to 12 channels (in single 3G link) in any In/Out combination, with SuperMotion.

Based on EVS' unique multi-channel loop recording technology, any audio/video recorded material can be instantly used for random access replay - including 4K - or transferred to production or post production along with the other associated angles, offering additional flexibility to your creative teams.

FLEXIBLE CONFIGURATION

The XT3 platform can be set up to play or record with up to 12 SD/HD channels configurable in any type of in/out mode and up to 192 audio tracks per system. It supports 4K live replays by ingesting three 4K channels, configuring them as either: one in/one out, one in/two out or two in/one out. Switching between NTSC, PAL, 3D, 720p, 1080i and 1080p is quick and easy. The XT3 also fully and natively supports most popular SD and HD codecs, including M-JPEG, IMX, DVCPRO50, MPEG-2 intra for HD, Avid DNxHD@codec, ProRes 422 and ProRes 422 HQ, DVCPRO HD, AVCIntra, XAVC and XDCAMHD. The XT3 requires no transcoding to deliver XDCAMHD (meaning no speed issues and no loss of quality).

RELIABLE ARCHITECTURE

The XT3 hardware and software were designed by highly skilled EVS engineers based on customer feedback and has become the most reliable and field-proven live production solution on

the market. The XT3 is designed with advanced reliability features such as RAID technology, redundant and hot-swappable power supplies, as well as internal and external hot swap disk array to guarantee that there will be no operational failures during production. Faulty disks are automatically replaced by pre-installed hot spare disks, without disrupting the server or harming the bandwidth.

EVS CONTROL

The XT3 production server is complemented by a set of live and near-live hardware and software production tools, providing broadcasters with a fine-tuned solution for accessing and managing their media. IPDirector and LSM Remote give you full control of the XT3 server for ingest, slow motion replays, metadata management, production network control, on-the-fly editing, media transfer, and payout. EVS also offers a set of highly flexible archiving and storage hardware and software tools that can be adapted to your individual production needs.

THIRD-PARTY CONTROL

The XT3, in SpotBox mode, is designed for playback applications under third-party control. The system can be fully controlled by switchers and controllers, automation systems or edit controllers, for channel control and direct access to the record/play channels. The XT3 accepts most popular control protocols, such as VDCP and Odetics, Sony BW75. EVS offers its own API for easy integration with third-party applications: AVSP for RS-422 integration and LinX API for TCP/IP integration.

The Spotbox mode is a true VTR replacement that complements live studio production requirements. It can be controlled directly by a production switcher to playback clips, music, stills and graphics (with Fill & Key support) or loop clips as a moving background.

- True VTR replacement solution
- Operators can pick the right channel configuration and control protocol on a job-by-job basis



THIRD-PARTY INTEGRATION

Based on its open architecture platform, the XT3 can be easily integrated with virtually all third-party tools and most popular craft editors, including Avid Media Composer, Apple Final Cut Pro and Adobe Premiere, among others. The XT3 multiple media transfer process fulfills the most complex post-production requirements such as feed streaming and the ability to edit while recording. The server also integrates seamlessly into Media Asset Management systems.

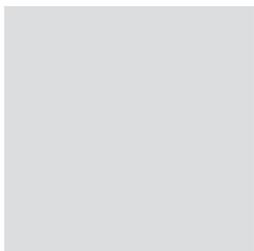
Media available on the XT3 can be made immediately available on any of the new media entertainment devices through EVS' media repurposing tools or third-party systems, so you can deliver your production via the Web, tablets, mobile phones, or any other device.

XT3 servers can be supplied with EVS' XTAccess software, which handles on-the-fly transcoding, re-wrapping, and media conforming. These steps are managed automatically and transparently and are fully compliant with all non-native formats.



CONTROLLERS

CONTROL AT YOUR FINGERTIPS



LSM

Present in nearly all OB production units in the world, the LSM controller has become a reliable standard for live control. Intuitive, fast, and complete, it places the action at your fingertips, bringing you a whole new range of possibilities.

IPDirector

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

LSM Connect

Directly connected to LSM remote, LSM Connect gives you instant access and control of all clips and playlists created during live broadcast production using the EVS LSM Controller. Practical features - from clips indexing, searching to dragging and dropping in a playlist - are quicker and easier to manage.

SCALABILITY & UPGRADES

Expanding the XT3 production workflow to fit your production needs is a simple and hassle-free process. EVS professionals are readily available to advise you on how to boost your workflow, whether it involves adding more I/O ports or upgrading from SD to HD with multiple configurations. Distributed storage for massive online access and scalable near-line storage means that you never run out of capacity. And it is always possible to add new servers to increase the number of in/out channels, transfer capacities, bandwidth, etc.



CHANNEL MAX (THE 12+ CHANNEL SERVER)

LOOP RECORDING

EVS ingest solutions and loop recording 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 XT3 can be linked to either one or two separate networks:

EVS' high-bandwidth media sharing network called XNet[2] allows all video and audio sources recorded on any server connected to the network to be instantly accessible to operators without any interruption of the recording process. XNet[2] is used mainly for critical transfers during live productions.

The XT3 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.



XT3 channel MAX

KEY FEATURES

- ▶ Up to 550 Mbps Bitrate per Video Channel
- ▶ Mix on One Channel Capabilities
- ▶ 2 Chassis Versions 6RU & 4RU for Maximum Flexibility
- ▶ 3D SuperMotion
- ▶ XNET[2] 3G SDTI Network



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).



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