



XTV Suite

TV Automation Suite

>> A Full Set of Software for TV Broadcast Automation

XTV Suite is a professional Suite for TV Broadcast Automation which manages Video Playout, Capture, Trimming, Scheduling and CG. Granting automatic and unattended efficiency 24x7 XTV is the perfect tool for TV stations, Satellite Channels, Cable TV, News Room, Web TV, CCTV as well as Corporate TV, hotel pay TV can use it and take advantage of its user-friendly interface. XTV Channel In A Box (CIAB) architecture guarantees a linear scalability of your TV Playout facility. XTV Suite supports SDI (HD, 4K, 8K), IP I/O such as NDI, SMPTE 2022 & SMPTE 2110 (with specific video cards), UDP, RTMP, HLS, RTSP and more. Now also ready for Cloud with the latest XTV Cloud release!



XPLAYOUT



XINGEST



XTRIMMER



XSCHEDULER



CG COMPOSER



// Overview

General

- All in one broadcast 4K – 2K – HD – SD playback
- Complete workflow management tools: scheduling, trimming, graphic composer
- Real-time capture from SDI-NDI-IP
- Multiple codec playback in the same playlist with resolution and frame rate automatic adaption
- Multiple format playback, automatic up/down scaling and aspect ratio adjustment (16/9, 4/3, etc...)
- File sharing on LAN architecture
- Direct file playback from NLE (no transcoding)
- Up to 16 audio channels management
- Simultaneous NDI output
- Direct streaming output transport stream MPEG2 and H.264 codec, or RTMP
- Automatic management of time during playback (delay/ahead) with filler
- Live source full handling inside the playlist control of VTR, Switcher, GPI to Cart Machine
- Multichannel and high availability configurations
- Hot Key feature for instant videos playback
- Graphic overlay: logos, clocks, tickers, animations
- High quality squeezeback with animated background
- Subtitles in overlay and Closed Caption
- Clip trimming and Metadata for advertisement graphic contents
- Support of SCTE-104 and SCTE-35 commands for AD Insertion
- Support of EAS (Emergency Alert System)
- User friendly playlist view with explicative colour scheme
- As run and system logs for certification

XTV Suite includes:

- • XPlayout > 24x7 Automation
- • XIngest > real-time capture from SDI-NDI-IP

Free tools included in XTV Suite:

- • XTrimmer > Metadata injector and quality control
- • XScheduler > Offline playlist management
- • CGComposer > CG template creator
- • XLogsViewer > As run logs viewer
- • XInfo > Playlist information display
- • XRouter > Routing switcher sharing on LAN
- • XRemote > Remote control or routing switcher
- • XEmergency > N+1 playback redundancy (needs XPlayout licence)

Versions

- XTV Suite (Software for 1 Playback + 1 Ingest)
- XTV Compact (Software+Hardware for 1 Playback + 1 Ingest)
- XPlayout (Software for 1 Playback)
- XPlayout Compact (Software+Hardware for 1 Playback)
- XIngest (Software for 1 Ingest)
- XIngest Compact (Software+Hardware for 1 Ingest)

XTV Cloud

The new version designed to be installed on physical or Virtual Machines, both at your own data center or at your favorite Cloud Provider's premises. XTV Cloud requires a Windows Server Operating System and a hardware configuration with enough performance to act as a Video Server with IP based I/O. Access to the Playback and Management Applications is achieved using RDP over HTML technology through any web browser on any operating system and device. User interface is automatically scaled to the device being used and up to three simultaneous users can connect allowing control of the Playback, Media Upload, Trimming and Playlist Management

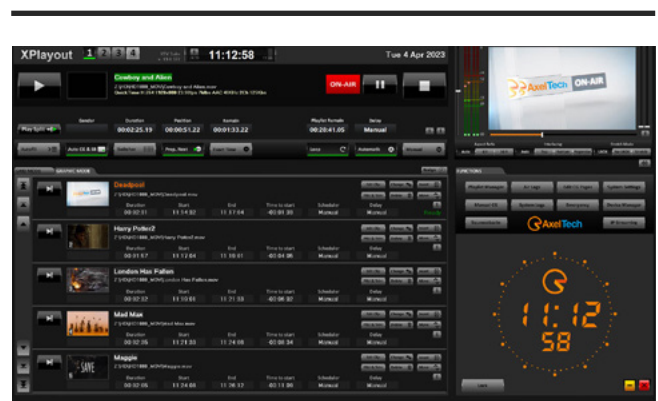
at the same time.

Audio Monitoring and preview is also passed directly through the web browser allowing a seamless user experience.

Final IP output can be configured in many formats including RTMP, SRT, HLS, DASH, etc... and scaled as desired, while SCTE-35 triggers are available in SRT, UDP, HLS embedded in the video stream (not in the manifest file).

Live inputs can be configured to receive IP streams from the studio or outside broadcasts and are displayed on the Playback Multiviewer with on-screen vu meters and audio preview on the web browser.

Among the available formats you'll find WebRTC: high quality and low latency assured plus the chance to use an AxelTech MXC as an encoder. The popular SRT format can also be used, encoding from a Vmix Software or a hardware box.



XPlayout intuitive GUI



XTrimmer free tool



For more information
about XTV Suite,
visit our website

