04.

YouPlay
TV Production Playout

⊗ A SMART VIDEO PLAYER
FOR TELEVISION PRODUCTION

Tapeless workflow finds in **YouPlay** the cleverest way to play video during live production: on-air video contributions for news, talk shows, events coverage.

YouPlay is also the ideal assistant to play background animations or to videowalls, featuring also loop of clips or playlists, play/stop from still frame.
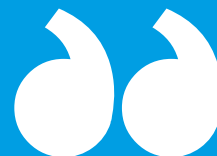
YouPlay has been designed to be a real multiple-formats player with a user-friendly interface that fits perfectly into live production with no need of training or skilled operators.

YouPlay supports DV, HDV, DVCPRO, MJPEG, MPEG-2, TS, MPG, VOB, H.264, H.265, AV1, MP4, QuickTime, PRORES, DNxHD, AVI, WMV, ASF, MXF, XDCAM, IMX, GXF, LXF, FLV, MKV, WebM, HuffYUV, VP8, VC3, JPEG2000, DPX, including any audio or bitmap file format.

Support of SDI and IP I/O NDI, SMPTE 2022 & SMPTE 2110 (only with specific video card) allows to deploy **YouPlay** both in traditional and IP based production facilities.
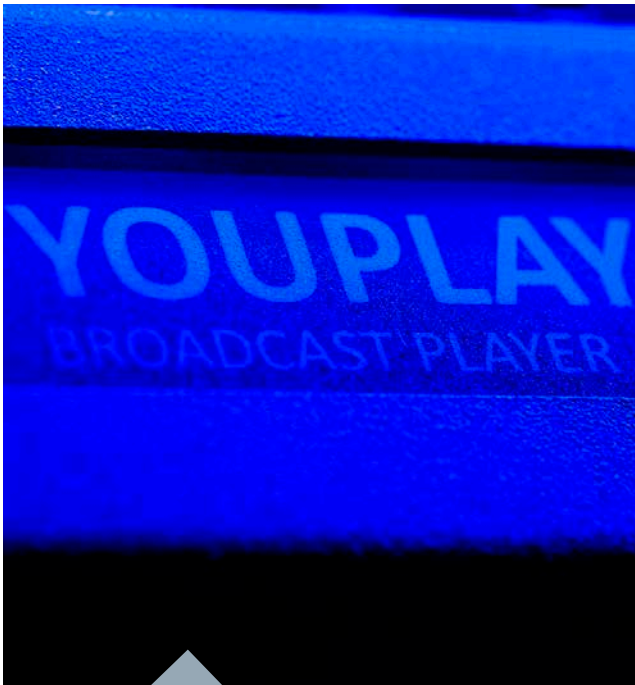
// Main Features

- » SDI/NDI/IP 4K/2K/HD/SD playout & ingest (YOUPLAY SERVER model)
- » Virtually any video and file format compatibility (SD/HD/2K/4K): up to 16 Audio channels (Dynamic selection of enabled audio channels)
- » Automatic up/down scaling and aspect ratio adjustment (16/9, 4/3, etc.)
- » Hardware Compatibility: BMD (SDI), AJA (SDI, SMPTE 2022 & SMPTE 2110), BlueFish (SDI, SMPTE 2022 & SMPTE 2110)
- » Key output on SDI with 32 bits Bitmaps sequence, QuickTime Animation and ProRes 4:4:4
- » Timecode RP188-VITC-LTC

- » Crop, field swap, aspect correction mode (Letterbox, no Letterbox, stretch)
- » Free CGComposer app for CG template creation
- » Timed CG on playlist with dynamic text metadata.
- » Frame accurate single clip loops.
- » Slow-motion up to -2x/+2x
- » Play while ingest
- » Remote control with BMD ATEM, NEWTEK TRICASTER, BMD HYPERDECK emulation, VDCP mixer, RS422 controller
- » MOS integrations for NEWSROOM with multiple channel gateway

// Specifications

- » Supported Video Cards: BMD DeckLink and Intensity, AJA Corvid, Bluefish
- » Resolutions: SD, HD, 2K, 4K (depending on AV card)
- » Simultaneous NDI output
- » Up to 16 Audio channels
- » 10 Bit video output for CC over SDI and ancillary data
- » KEY and FILL output (if supported by video card)
- » Timecode rp188 and LTC
- » SDI inputs, NDI sources and URLs on the playlist MOS, RS422, BMD ATEM, NEWTEK TRICASTER, BMD HYPERDECK emulation

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⊗ GUI

- » Channel alias, icon and color
- » Preview framerate adjust for RDP optimization
- » Customizable shortcuts for CUE, PLAY, FIRST FRAME
- » CC on preview
- » Drag and Drop of multiple files
- » Drag and Drop between Channels
- » Single clip position duration and position display
- » Total playlist duration and remain display
- » First frame positioning
- » OSD vu-meters and waveform
- » Customizable number of vu-meters
- » Realtime video preview
- » Customizable skins
- » Customizable drag and drop file sorting
- » Simple player or graphical/grid playlist GUI
- » Independent and sizable GUI for each channel
- » 4 channel GUI scaled for 1920x1080 screen

// Main Features

- » Virtually any video and file format compatibility
- » DV, HDV, DVCPRO, MJPEG, MPEG-2, TS, MPG, VOB, H.264, H.265, AV1, MP4, QuickTime, PRORES, DNxHD, AVI, WMV, ASF, MXF, XDCAM, IMX, GXF, LXF, FLV, MKV, WebM, HuffYUV, VP8, VC3, JPEG2000, DPX, in any resolution or framerate with automatic adaption
- » NVidia GPU decoding for H264 and H265
- » Automatic upscale, downscale, framerate adaptation and aspect ratio correction
- » CG overlay
- » Log files
- » As run log files
- » MarkIn and MarkOut management
- » Frame accurate loops
- » Slow motion also with RS422 and VDCP controllers
- » REC while PLAY (for specific formats) with endless MarkOut
- » Realtime Vertical and Horizontal Crop

- » Realtime field swap: top bottom progressive
- » Realtime aspect ratio correction mode: Letterbox, no letterbox, stretch
- » Realtime Mirror and rotate
- » Automatic load of last playlist at start-up
- » Advanced CG with clocks, tickers, rolls, crawls, bitmap animations, any video file format
- » All CG graphics as secondary events
- » GPI in/out with MOXA and JLCOOPER for play and stop commands
- » Ableton Launchpad hotkeys Free CG composing app for template creation
- » SDI preview output with OSD (timecode)
- » Free XTrimmer Quality control app with SDI/NDI output, metadata insertion and loudness control
- » Watchfolder with GUI notification and 1 button load
- » Default behavior for duration, stop mode, aspect ratio, fields swap and stretch mode

- » Automatic use of external audio files with same filename
- » Multiple channel control from main channel for play, stop, pause, rec and stoprec
- » Remote control of BMD ATEM and NEWTEK TRICASTER
- » MOS protocol for multiple channel gateway
- » Protocols supported : SONY RS422,VCDP RS422, VDCP TCP/IP, BMD HYPERDECK
- » Integration for 3rd party RS232 RS422 routing switchers
- » RESTAPI commands
- » SNMP MIB, TRAPS and Alerts
- » XMAM integration with drag and drop from Web browser
- » Audio preview on windows audio
- » Audio master volume and single clip volume
- » Start time code can be modified for each clip
- » Simple scheduling tool for automatic playout

⊗ YOUPLAY INGEST MODE

Specifications

» Supported Video Cards: BMD DeckLink and Intensity, AJA
» Corvid
» NDI input
» SD, HD, 2K, 4K
» Up to 16 Audio channels
» Time code from SDI or Analog audio card
» VANC and CC from SDI
» SD IMX 32 lines padding
» GPI devices: MOXA ioLogik 1214 or similar, JLCooper GPI, any serial port as 2 GPI in device

GUI

» OSD vu-meters and waveform
» Counters for total and segment
» File code and Timecode counters
» Taskbar miniplayer
» User definable shortcuts
» WEB GUI
» Channel label
» Sizable GUI
» Realtime video preview
» Average and instant data rate monitoring
» Space and time left on disk real time calculation

» NDI source selection on main GUI
» OSD display for counters
» Customizable 2-16 channel vu and peak meters

Video Codecs

» MPEG 4 part 2
» Cisco OpenH264
» Intel Quicksync H264
» Nvidia NVEnc H264, Nvidia NVEnc H264 lossless, Nvidia
» NVEnc H265
» MPEG 1, MPEG 2
» DV, DVCPRO
» MJPEG
» FLV Sorenson
» HuffYUV
» WMV 8
» Google VP8
» Apple Prores proxy, LT, 422, HQ
» QuickTime ANIM
» Uncompressed 422 8-bit, Uncompressed 422 10-bit
» DNxHD
» VC3
» OPEN JPEG2000
» DPX

FILE FORMAT WRAPPERS

» Mpeg Program (MPG), Mpeg Transport (TS) ,MPEG4 part 14 (MP4)
» QuickTime (MOV)
» DNxHD (MOV)
» IMX MPEG4
» MXF, MXF D-10 (IMX)
» GXF
» DV
» FLV
» DVD VOB
» ASF
» iPod Mp4
» AVI
» Matroska (MKV)
» WebM
» Image Sequence (DPX, PNG, JPG)