

# BBright Integrated Playout

The BBright Integrated Playout is a high-performance solution designed for advanced ingest and playout applications, supporting resolutions up to Ultra HD HDR. It offers seamless control via its intuitive web interface or through external automation, making it ideal for 24/7 broadcast operations.

Built for next-generation workflows, BBright Integrated Playout delivers full SDI and ST 2110 support, advanced metadata management with native ST 2110-41 integration, and XAVC recording capabilities. Its flexible architecture enables easy integration with external automation systems while supporting logo insertion, HDR format ingest and playout, signalization, and ad replacement.

With Technicolor ITM (Intelligent Tone Management), the BBright video engine enhances workflow flexibility by enabling real-time SDR-to-HDR and HDR-to-SDR conversions for baseband inputs, media files, and inserted graphics, ensuring high-quality video across all formats and distribution channels.

## KEY FEATURES

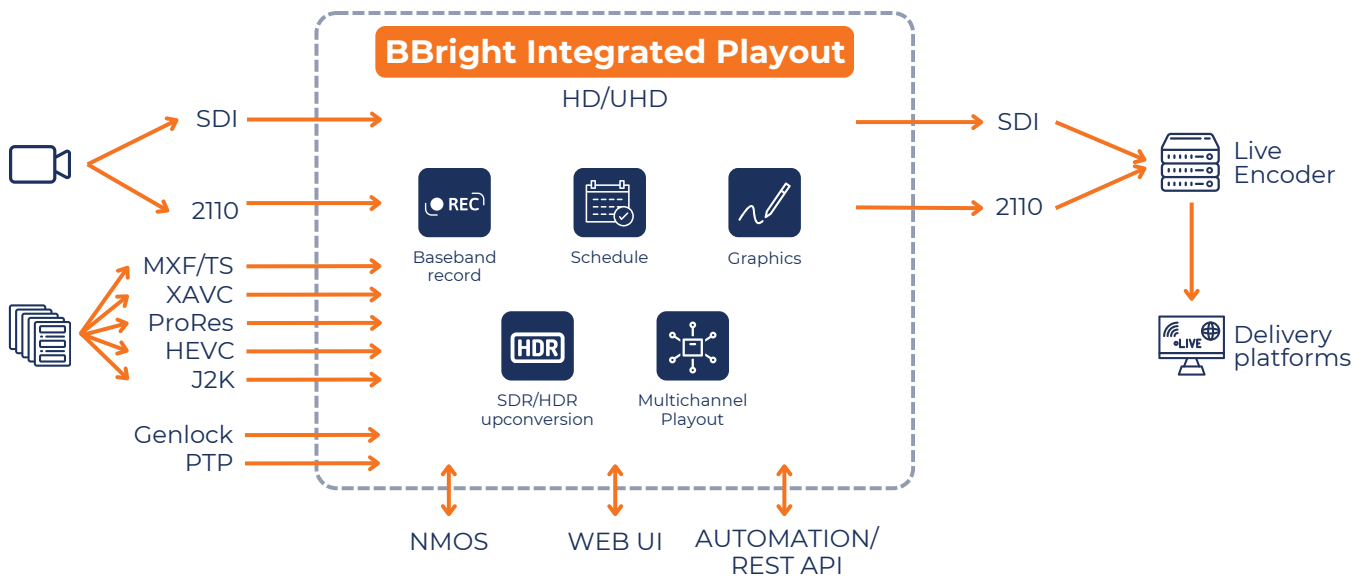
- Multicodec file player
- Baseband live input (SDI & 2110)
- Baseband record (SDI & 2110)

## ADDED VALUE

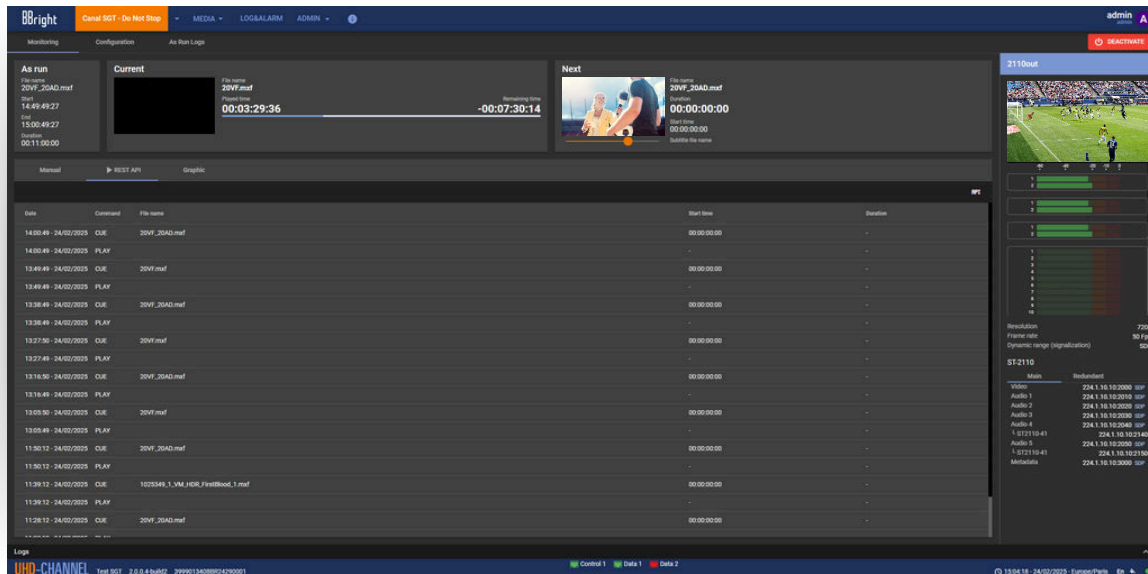
-  HDR (Dolby Vision, Technicolor)
-  2110-41
-  Rest API
-  Up to 64 audio channels

## USE CASES

-  2110 source
-  News Ingest & Playout
-  High end playout UHD-HDR Dolby Vision, Atmos



## BBright Integrated Payout



## Video

- Multi-Codec support: XAVC / HEVC / J2K / H264 / MPEG2 / ProRes
- Wrapper: mxf, mp4, TS, mov
- HD, HD 1080p HDR & UHD HDR support
- 720p/1080i @ 50/59.94fps
- 1080p @ 50/59.94fps
- 2160p @ 50/59.94fps

## HDR

- Native HDR: HLG / HDR10 / SL-HDR1 / SL-HDR2
- Technicolor ITM SDR / HDR live conversion
- Native ISXD Dolby Vision over 2110-41

## Inputs

- SDI up to UHD (Quad 3G-SDI)
- SMPTE 2110 (-20/-30/-31/-40/-41) up to UHD (25Gb NIC)
- SMPTE 2022-7

## Recording

- 4xHD or 1xUHD live record (XAVC)
- 8 Audio channels (SDI), 16 audio channels, 64 audio channels (2110)
- Ancillary data recorded as SMPTE 436

## Chassis

- 1 RU Chassis, up to 13TB Raid 5 Storage
- Redundant power supplies (hot swappable)

## Audio

- Up to 64 Audio Channels
- AAC/HE-AAC/MPEG1 Layer II decoding
- In and out: native SADM over 2110-41

## Graphics

- 4 layers, still logos (.png, .tga, .tiff formats)

## Ancillary data

- TimeCode
- CEA 608/708 Closed Caption & OP47 subtitles
- SMPTE 436 support
- ST 2108 HDR Metadata

## Outputs

- SDI up to UHD (Quad 3G-SDI)
- SMPTE 2110 (-20/-22/-30/-31/-40/-41) up to UHD (25Gb NIC)
- SMPTE 2022-7
- Genlock (SDI) & PTP Support (2110)

## Controls

- Rest API
- Built-in Automation