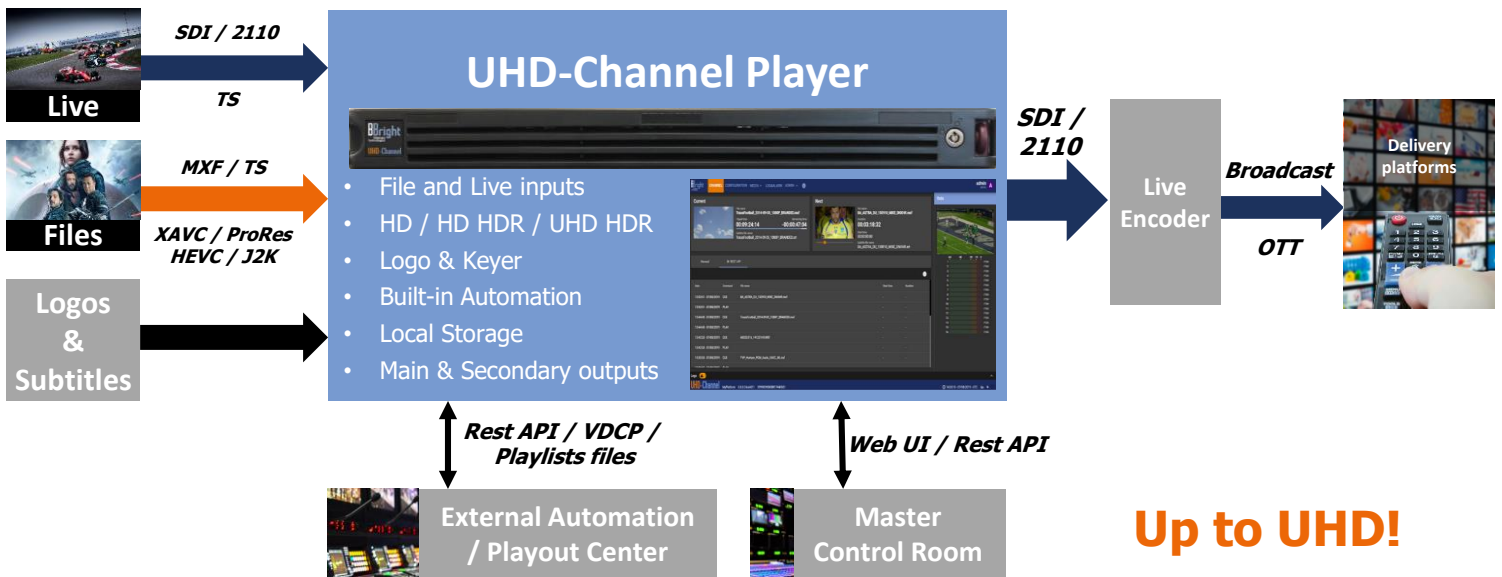


### Highlights

- ✓ Multi Codec File Player, up to UHD
- ✓ Live Baseband Input
- ✓ Live Compressed Input
- ✓ SDI and SMPTE2110 support, up to UHD
- ✓ SDR <-> HDR Live Conversion
- ✓ Logo & Keyer
- ✓ Built in & External Automation
- ✓ Local Storage



### Specifications

#### 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

#### Audio:

- ✓ Up to 16 Audio Channels
- ✓ AAC/HE-AAC/MPEG1 LayerII decoding
- ✓ Dolby DD / DD+ / DD+JOC / E decoding

#### HDR:

- ✓ HLG / HDR10 / SL-HDR1 / SL-HDR2
- ✓ Technicolor ITM SDR / HDR live conversion

#### Graphics:

- ✓ 4 layers, still logos (.png, .tga, .tiff, .gif, .flv, .targa, .html5)
- ✓ Built-in UHD Keyer

#### Closed Captions & Subtitles:

- ✓ STL or SRT files
- ✓ OP47 / CC608 / CC708 input and output
- ✓ Burn-in mode (with live HDR conversion)

#### Inputs:

- ✓ SDI up to UHD (Quad 3G-SDI)
- ✓ SMPTE 2110 (-20/-30/-31/-40) up to UHD (25Gb NIC)
- ✓ Compressed input (TS over IP)

#### Outputs:

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

#### Controls:

- ✓ Web UI
- ✓ VDCP
- ✓ Dynamic playlist
- ✓ Rest API
- ✓ Built-in Automation

#### Internal Storage:

- ✓ Up to 12 x 1TB in Raid 5
- ✓ Ingest from external NAS or FTP

#### Chassis

- ✓ 1 RU Chassis, up to 7TB Raid 5 Storage
- ✓ 2 RU Chassis, up to 13TB Raid 5 Storage
- ✓ Redundant power supplies (hot swappable)

## Markets and Use Cases

- ✓ Playout Center
- ✓ Headend

- ✓ UHD Pop Up Channels
- ✓ 1080p HDR Channels

## User Interface

The screenshot displays the UHD-Channel interface with the following components:

- Navigation:** CHANNEL, CONFIGURATION, MEDIA, LOG&ALARM, ADMIN.
- Current Content:** TexasFootball\_2014-09-05\_1080P\_BRANDED.mxf, Played time: 00:09:24:14, Remaining time: -00:00:47:04.
- Next Content:** BA\_ASTRADU\_150910\_MIXE\_DNXHR.mxf, Duration: 00:03:18:32, Start time: 00:00:00:00.
- Channel Status:** A small video preview of a soccer field with a channel status table below it.
- Channel Status Table:**

Channel	PCM
1	PCM
2	PCM
3	PCM
4	PCM
5	PCM
6	PCM
7	PCM
8	PCM
9	PCM
10	PCM
11	PCM
12	PCM
13	PCM
14	PCM
15	PCM
16	PCM
- Log Table:**

Date	Command	File name	Start time	Duration
13:53:51 - 07/08/2019	CUE	BA_ASTRADU_150910_MIXE_DNXHR.mxf	-	-
13:53:51 - 07/08/2019	PLAY		-	-
13:44:43 - 07/08/2019	CUE	TexasFootball_2014-09-05_1080P_BRANDED.mxf	-	-
13:44:43 - 07/08/2019	PLAY		-	-
13:42:53 - 07/08/2019	CUE	A003C016_141231H9.MXF	-	-
13:42:53 - 07/08/2019	PLAY		-	-
13:35:53 - 07/08/2019	CUE	TVP_Horizon_PCM_Audio_XAVC_4K.mxf	-	-
13:35:53 - 07/08/2019	PLAY		-	-
- Footer:** MyPlatform 0.8.0.3-build11 399900900B8R17440001, 14:03:15 - 07/08/2019 - UTC.

## Ordering Options

Type	Reference	Description	Compatibility	
Appliances	UHC_1RU	UHD Media Server, Support for XAVC / HEVC / AVC, 1RU (up to 3 IO options), 7TB of Raid5 Storage	X	
	UHC_2RU	UHD Media Server, Support for XAVC / HEVC / AVC, 2RU (up to 5 IO options), 13TB of Raid5 Storage		X
Hardware Options	UHC_4x3GSDI	4x3GSDI input or output option	X	X
	UHC_4x3GSDI_KEYER	4x3GSDI input/output option with builtin keyer - Easy integration with third party channel branding system (HD or UHD)	X	X
	UHC_8x3GSDI	8x3GSDI input or output option	X	X
	UHC_2110	SMPTE 2110 Dual SFP 25Gbits/s option (up to 2 UHD in / 2 UHD out)	X	X
	UHC_10GSFP	Dual SFP NIC / 10Gbits/s	X	X
Software Options	UHC_HD	Support video up to HD (720p/1080i) SDR	X	X
	UHC_HD+	Support video up to HD (1080p) HDR	X	X
	UHC_UHD	Support video up to UHD HDR	X	X
	UHC_VDCP	VDCP Slave Option (RS422+IP)	X	X
	UHC_PLAYLIST	Dynamic playlist control	X	X
	UHC_AUTOMATION	Built-in automation for stand-alone automation	X	X
	UHC_LIVE_B_IN	Live baseband input option (up to 1x UHD)	X	X
	UHC_LIVE_C_IN	Live transport stream input option (up to 1x UHD)	X	X
	UHC_DOLBY_AUDIO	Dolby DD / DD+ / Atmos / E / AC4 decoding option	X	X
	UHC_LOGO	Logo insertion - Up to four layers of logo	X	X
	UHC_UPSCALE	HD to UHD upscaling	X	X
UHC_HDRCONV_TECH	Live SDR/HDR or HDR/SDR cross conversion	X	X	