VIDEO SERVER

SMS-AV2

SMS-AV2, small sizes for high performances

TOP LIVE BROADCAST PRODUCTION

The BLT SMS-AV2 production server is designed to meet the most demanding live broadcast production requirements, integrating all new formats and protocols from HD to 4K, and SDI to IP.

POWERFUL SYSTEM

SMS-AV2 guarantees an unmatched level of control and reliability offering a boosted capacity of up to 12 (8 Rec 4 Play) channels of HD (1080i or 1080P) and 2 channels of UHD (4K 2160p), making it one of the most powerful system on the market in based at its compact size, 2 rack unit high.
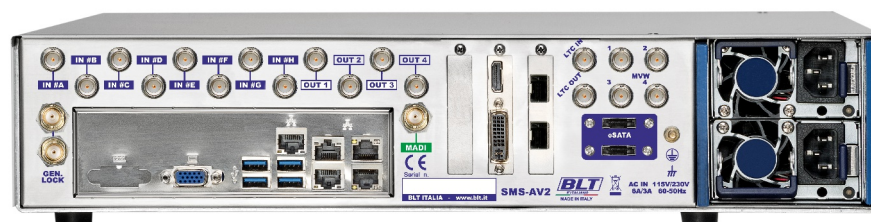
SMOOTH TRANSITIONS

While continuing to support SDI environments, SMS-AV2 offers option for native support for SMPTE 2110 allowing for a smooth transition to IP workflows.

TAILOR MADE WORKFLOWS

SMS-AV2 is designed to output either HD, UHD in any I/O setup, and in both IP and SDI environments. Its support of the widest range of codecs make it able to upscale 1080P to 4K for UHD playout, rolling out workflows tailored to your needs from the same server. SMS-AV2 capabilities are unleashed also through RUS Color, the Remote Unit System specific for the professional end-user to provide fast and efficient user interface for live sports and events applications.
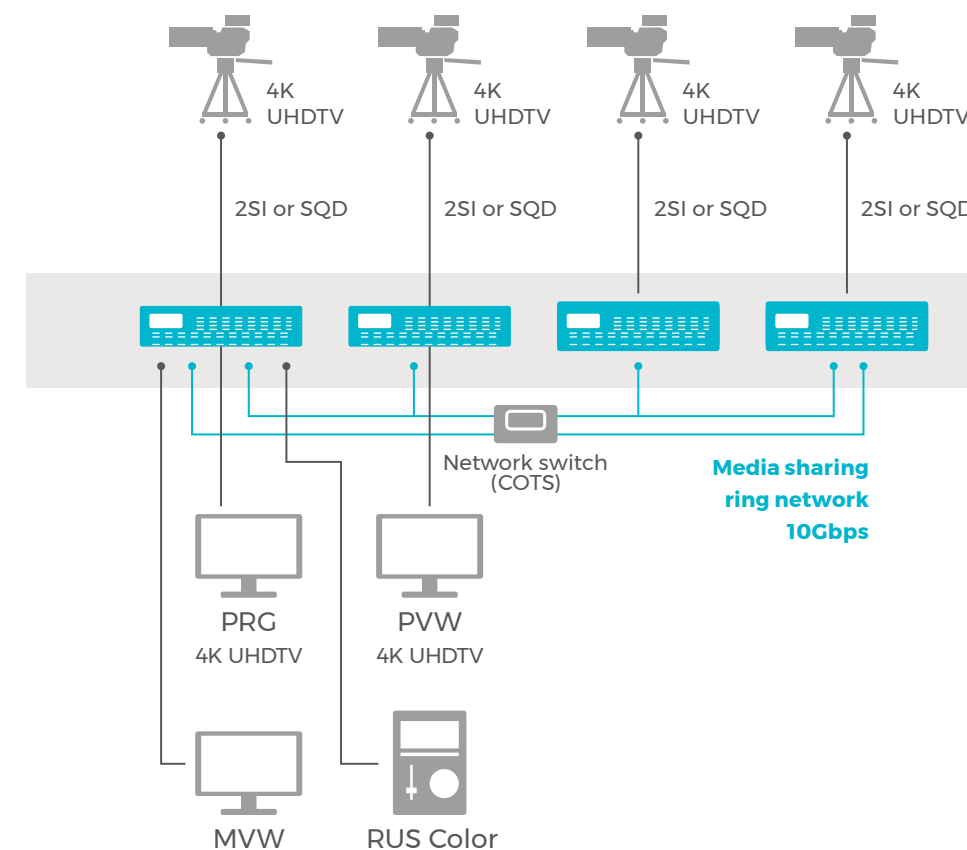
Features and technical specifications

- ✔ Modular design: grow as you go
- ✔ Plug-and-play easy setup: no external device required
- ✔ ISOcam acquisition with recording loop and realtime clip protection
- ✔ Edit while recording with TimeLine edit
- ✔ Multi-channel: up to 8 Rec and 4 Play HDTV or Flexible Configuration with multiple combinations
- ✔ Multiformat: 4K UHDTV (option), HDTV 1080p/1080i, SDTV, 50Hz or 59,94Hz
- ✔ UHDTV operation with SDI I/0: 4 x 3G-SDI as 2SI or SOD
- ✔ HFR (high frame rate) with high speed camera for super-slow-motion X2, X3, X4, X6, X8 SSM
- ✔ 16 audio tracks each video, SDI embedded audio I/O and MADI input (AES-10, 56/64 tracks) (option)
- ✔ Internal audio router and patch panel (track swap)
- ✔ RAID Level 5 protected self-contained storage, solid state technology: 8 sets of SSD with total capacity up to raw 16TByte (function of selected and ordered disk size and new model availability). Separate OS System disk for higher reliability
- ✔ Realtime multiformat file export while recording (NLE interoperability). Codec: DNxHD/HR, Apple ProRes, XDCAM, AVC-I, XAVC-300, H264 proxy, wrapper: MXF, MOV
- ✔ Rich network connectivity: 2 x LAN 1Gbps, 2 x LAN 10Gbps or 2 x optical 10Gbps SFP+ (option)
- ✔ 6 x USB 3.0 ports: front panel 2 ports and rear panel 4 ports usable as control port (i.e. keybord/mouse) or extenal media
- ✔ Dual redundant and hot-swap PSU
- ✔ No-single-point-of-failure: raid technology storage, redundant networks, redundant PSU
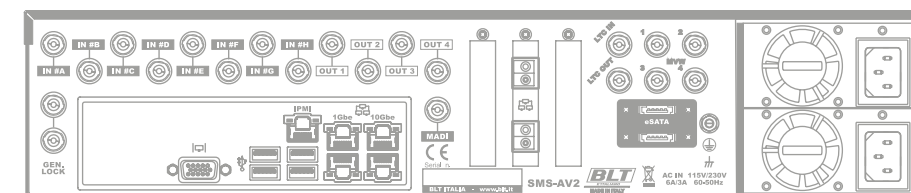

Application example

4 UHDTV recording with program/preview operation

- ✔ Ready for glueless system for UHDTV: 1 recording channel and 1 simultaneous playback

Rear panel audio/video section

BLT

Discover our **product family**

VIDEO SERVERS

BLT video servers are ideal for live and sport events productions, ensuring television directors flexible and efficient tools to capture unforgettable moments.

TRANSCODING

BLT transcode systems rewrap on-the-fly BLT SMS series video server material and live recording, towards third-party production systems for the interoperabiliy and file exchange.

ACQUISITION

BLT acquisition servers are ideal for live and sport events productions, ensuring television directors flexible and efficient tools to capture unforgettable moments.

STORAGE

Togheter with Central Storage, BLT capture system changes the way datas are exported for remote postproduction.

REMOTE CONTROL PANEL

BLT remote panels with integrating Jog wheel, T-bar lever and display offer the complete solution for any production need.
The latest generation of BLT panel with embedded workstation further expands the user experience to remote production.

SOFTWARE

BLT softwares APP create systems for management of all operations and complex workflows during mission critical events, such as live, sport, news and entertainment productions.

Our associated

UNINFO

iabm

Pro-MPEG Forum

SMPTE

Our ISO certifications

ISO 9001 CERTIFIED

ISO 14001 CERTIFIED

ISO 45001 CERTIFIED

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