

# Versio™ Integrated Payout

## On-Prem & Cloud Payout



Broadcasters and media companies around the world rely on Versio™ for their channel origination needs, whether building a new playout center or planning an infrastructure refresh, operating in SDI or ST 2110 IP, or delivering in UHD or HDR.

Designed as a fully software-based, integrated playout media server. Versio is ready for any on-prem implementation or cloud solution including complex, multi-channel playout environments. Versio's well-proven architecture ensures a powerful and robust turnkey channel origination system.

### Versio Ecosystem



Playout Automation



Master Control



Ingest Control



Asset Management



Graphics Control

#### Versio Engine

- ST 2110
- SDI
- IPTS



Clip Playback	MCS Switcher	Graphics Engine	Subtitles
SD / HD / UHD	Live Inputs	DVE	Loudness
Up / Down Conversion	Key / Fill	Dolby	SCTE
PGM, PST, Clean Outputs	Watermarking	Audio Up / Down Mix	VANC

- ST 2110
- SDI
- IPTS

- Open APIs
- File Transfer
- Storage
- Workflow Manager

## Solutions: Versio Integrated Payout

**Versio Integrated Payout provides broadcasters with a fully integrated channel origination platform** that combines ingest, master control, payout, graphics, captioning, and automation within a single software-based system. Running on standard COTS infrastructure or in cloud-hosted environments, Versio delivers broadcast-grade performance while simplifying system architecture and operational workflows. The platform supports both SDI and SMPTE ST 2110 IP workflows, enabling broadcasters to operate hybrid environments or transition to IP at their own pace. With integrated graphics, dynamic branding, subtitle insertion, SCTE trigger handling, and advanced audio processing, Versio removes the need for multiple standalone master control devices while maintaining the reliability and precision required for professional broadcast operations.

**For broadcasters operating multiple linear channels**, Versio enables highly efficient multichannel payout with multiple independent channels delivered from a single server platform. This architecture significantly reduces infrastructure footprint and cost per channel while maintaining full operational flexibility. Integrated with automation platforms such as ADC Automation or Aviator Automation, Versio supports seamless interaction with traffic systems, shared storage, and media workflow engines, enabling centralized management of complex channel operations. Built-in redundancy and orchestration mechanisms allow mirrored channels and automated failover, ensuring uninterrupted on-air continuity while allowing broadcasters to scale channel portfolios efficiently.

**Versio is particularly effective for network and regional channel deployments** where a central schedule must be distributed across multiple regions while allowing local programming and advertising variations. In these environments, Versio works alongside ADC or Aviator Automation to coordinate payout, live inputs, graphics insertion, and audio processing within a unified control environment. Broadcasters can deliver a core network feed while enabling regional opt-outs for local news, targeted advertising, and branding. Advanced graphics capabilities—including DVEs, multi-layer branding, and data-driven overlays—allow regional channels to maintain a consistent network identity while supporting localized presentation. With frame-accurate automation control and SCTE signaling for regional ad workflows, Versio delivers a scalable, cloud-ready payout architecture capable of supporting modern hybrid broadcast operations across both on-premise and AWS-based deployments.

## Benefits

- **Ground Operations**
  - Designed and maintained for demanding on-prem channels
- **Cloud Deployable**
  - Enables broadcasters to deploy fully functional playout channels in the cloud
- **Modular**
  - Scalable, malleable solution for any installation
- **Configurable**
  - Ideal for complex multi-channel playout environments with tailored customer requirements
- **Live Channels**
  - Suitable for highly reactive workflows and channels with live events (news, sports) thanks to superior automation and master control tools
- **Multi-Site**
  - Supports deployments distributed in multiple locations
- **High Interoperability**
  - Permits complex 3rd-party integrations
- **End-to-End ST 2110 Ecosystems**
  - Build full ST 2110 environments, combine with Imagine Selenio Network Processor and Magellan Control System
- **Ideal During Migrations**
  - Good for customers with mixed technical requirements, or slowly transitioning to other standards through a hybrid approach
- **Elastic**
  - Easily add new functionality and maintain disruption-free operations
- **Multiple Channel Instances**
  - SD, HD 1080i, 1080p or UHD channels with HDR processing
- **IP Transition**
  - A flexible platform that allows migrating to IP playout at your own pace; SDI servers can be upgraded to ST 2110 when required
- **Simplified Deployment, integration, and maintenance**
  - Move away from multi-vendor distributed architectures to integrated playout (single vendor)

## Features

- **ST 2110**
  - NMOS IS-04/05, HD 1080i, 3G 1080p or 4K 2110 -20/-30/-31/-40 & -7 redundancy
- **Clip Playback**
  - Real time up/down-conversion, seamless multiformat playback
- **Channel Density**
  - Single, Dual, Tri or Quad Channel - Per turnkey server \*within specific channel configurations
- **SCTE-104/35**
  - SCTE insertion & SCTE decoding for playlist triggers
- **SDI**
  - HD 720p/1080i, 3G 1080p, PTP or Black Burst reference
- **Storage**
  - Internal or connected to online IOX Express NAS
- **Graphics**
  - Create Compositions in Adobe After Effects. Build Layouts in Creation Station. Versio Supports for 10 Graphical Layers with multiple elements
- **UHD**
  - HD clip/live up conversion, HD simulcast output; SDR-709/HLG-HDR up conversion
- **Mixing**
  - Crossfades, fades & dissolves Single & dual DVE
- **Advanced Audio Options**
  - Loudness Correction, Nielsen/Kantar watermarking
- **TS**
  - H264 encoding virtualized environments
- **Automation**
  - Aviator Automation or ADC Automation drivers for 3rd-party
- **IN/OUT**
  - Live inputs, key/fill,
  - Program, Clean & Preset Outputs,
  - Simulcast, Branded++ Graphics
- **Audio**
  - PCM, Dolby, AAC, up/down-mix, shuffling profiles
- **Subtitles**
  - Insertion & passthrough closed captions, open captions, live captions
- **VANC**
  - AFD, ARC, VCHIP/XDS

## VERSIO INTEGRATED PLAYOUT SPECIFICATIONS

### PLAYOUT OPTIONS AVAILABLE

<b>Multichannel Playout</b>	Versio can be optioned and configured for multiple independent playout channels from a single server, thus increasing the density and lowering the overall cost-per-channel. The on-premise server can be configured for 1 to 4 playout channels.
<b>Versio Plus</b>	<p>Another playout option that can be taken advantage of is the 'Versio Plus' option. When running a channel in an Essentials model and SDI, you have an option* to add an Ingest port and Review on the same physical server. These are bi-directional ports; thus you can have 2 ingest ports, or 2 review ports, or 1 ingest and 1 Review port.</p> <p>*Dependent on channel deployment on the on-premise Versio Server.</p>
<b>Branded++ Output</b>	Versio can have an additional output with unique branding for a graphically differentiated variant of the channel, while still using the simplicity of a singular graphics layout.
<b>Preset Output</b>	Versio allows for the use of a dedicated preset output allowing operators to setup the sources for an upcoming transition as well as preview graphics, external keys, and audio. Each Versio Integrated Playout Channel, is comprised of a Program and Preset Bus, an additional dedicated DVE Bus can be added for DVE operations.
<b>Live Inputs</b>	Versio supports dual live inputs, configurable as SDI, ST 2110, or Transport Stream. ST 2110 streams utilize clean SEAM or NMOS controlled switching via Imagine's Magellan Control System or third-party broadcast controllers.
<b>Key-Fill Inputs</b>	A Versio integrated playout channel can have multiple external key-fill sources enabled allowing upstream graphics sources to be utilized in the air-chain. The Versio engine allows for enabling/disabling the source as well as reordering the Z-order.
<b>Dual DVEs</b>	Versio supports dual 2D DVEs for picture-in-picture squeeze back effects. Live video as well as internal clip playback can be routed into each of DVE channels.
<b>Advanced Graphics</b>	Versio leverages Adobe After Effects authored graphic templates which allow for real-time, dynamic data-driven graphics to be created without the need for time-consuming re-rendering nor re-assembly in a proprietary design tool. Real-time DVE placement and movement is also incorporated with the graphics for seamless interaction between squeeze backs and graphics.
<b>Dolby Digital</b>	Versio support the optional encoding of Dolby Digital and Dolby Digital Plus outputs, carried over SDI outputs, ST 2110-31, or MPEG2 TS.
<b>Advanced Audio</b>	Versio's Advanced Audio Track Router (AATR) simplifies and, in many instances, replaces downstream audio router needs. AATR is especially useful when different routing rules must be applied dynamically based on multiple audio profiles present in the media library, or when a customer has complex language requirements.
<b>Audio Loudness Correction</b>	Versio can be optioned to include loudness correction compliant with EBU R128 and ATSC A/85 (CALM) using an integrated Linear Acoustic software component.

## PLAYOUT OPTIONS AVAILABLE - CONTINUED

<b>EAS</b>	Versio can be integrated with an external DASDEC II EAS device for receipt of IP data and streaming audio. Within the Versio, a dedicated internal graphics engine and keyer provides on-screen overlays for alerts and messages.
<b>Nielsen, Numeris, Kantar Watermarking</b>	Versio supports insertion of Nielsen, Numeris, and Kantar digital audio watermarks using integrated software components.
<b>Captions</b>	Various options support live and file-based caption service import and export, which allows for the addition or replacement of captions. This can be used to support multiple languages and avoid the expense of adding a downstream captions inserter. Options for EIA 608/708, OP42/OP47/WST, and live EEG iCap integrated captioning service component.
<b>Ancillary Processing</b>	Versio offers optional packages for V-Chip insertion, SCTE insertion, ARC processing, and AFD insertion, reducing the need for multiple downstream devices to perform these functions.
<b>ST 2110 UHD</b>	Versio supports UHD channel configurations using ST 2110, and supports two live inputs that can be switched and used for DVE effects, two live outputs that can be used for program and clean outputs, plus an HD preset output.
<b>HDR conversion</b>	UHD and 1080p Versio channels can be configured for HDR-HLG BT.2020 outputs and supports dynamic conversion of Rec.709 SDR inputs from both live and clip inputs. Custom LUTs are also supported.
<b>UHD Video Clips</b>	A single clip playback channel supports both HD and UHD. HD playback undergoes high-quality de-interlacing and up-conversion to UHD. HD and UHD clips can be played back-to-back on the same channel.

## SPECIFICATIONS

I/O PER CHANNEL	
ST 2110 Inputs	2 live Inputs SMPTE ST 2110 (2022-7) Up to 4 key/fill pairs (optional) SMPTE ST 2110 (2022-7)
ST 2110 Outputs	3 Outputs SMPTE ST 2110 (2022-7)
TS IP Inputs	2 Inputs MPEG2 TS, H.264
TS IP Outputs	2 Outputs MPEG2 TS, H.264
HD-SDI Inputs	2 Inputs HD-SDI Up to 2 key/fill pairs (optional)
HD-SDI Outputs	Up to 3 Outputs via HD-SDI — video configurable
Uncompressed Input to Output Latency	Up to 15 Frames (HD)
HD-SDI Embedded Audio In	16 AES per channel
HD-SDI Embedded Audio Out	16 AES per channel
Video Formats	2160p, 1080p, 1080i, 720p, 480i, 480p
Scan Rates (fps)	60, 59.94, 50, 29.97, 25
Audio Format (uncompressed)	PCM (16, 20, 24 bit, 48 KHz)
Aspect Ratios	16:9 4:3
Aspect Ratio Conversion	Up/down/cross conversion support AFD aspect ratio conversion Port-based aspect ratio conversion User-based aspect ratio conversion
Closed Captioning	EIA-608, EIA-708: from file (SCC), from media, Live (EEG iCap), Cross Convert OP-42, OP-47: from file (STL, PAC, etc.), from media, Cross Convert

TIMING	
Standard	SMPTE ST 2059-2 (PTP) for HD-SDI or ST 2110 LTC/blackburst for HD-SDI NTP for IP TS workflows

## SPECIFICATIONS

### AUDIO PROCESSING

Channels and Formats	8 pairs embedded per I/O channel (4 pairs if using 24-bit PCM with SD video)
Processing and Storage	16, 20, or 24-bit PCM, 48kHz
Compressed Audio	Dolby Digital/Dolby Digital Plus (AC-3/EAC-3) Encoding Dolby E Decoding
Watermarking	Nielsen, Numeris, Kantar
Loudness Correction	Linear Acoustics AERO

### VANC PROCESSING

AFD	Pass-through or ARC
SCTE	SCTE-104 Insertion and trigger decoding SCTE-35 Insertion and trigger decoding

### CODECS SUPPORTED

SD Video Formats	MPEG-2 I-Frame MPEG-2 Long-GOP IMX 30, 40, 50 (D-10) DVCPRO25, DVCPRO50	DVCAM (PAL only) DV (NTSC only) Apple ProRes LT/422/HQ H.264/AVC Long-GOP
HD 1080i, 1080p/PsF, 720p Video Formats	MPEG-2 I-Frame & Long-GOP XDCAM HD/EX/422 AVC-Intra Class 50/100, AVC-Ultra Class 200 XAVC-Intra & Long-GOP	H.264/AVC-HD Long-GOP DVCPRO HD Avid DNxHD Apple ProRes LT/422/HQ
HD 1080p Video Formats	MPEG-2 I-Frame & Long-GOP AVC-Intra Class 100 XAVC-Intra & Long-GOP	H.264/AVC-HD Long-GOP Avid DNxHR Apple ProRes LT/422/HQ
UHD-1 2160p Video Formats	XAVC Long-GOP Class 188/300 (playback-only)	XAVC-Intra Class 300

## SPECIFICATIONS

## HDR PROCESSING

Input	Rec.709 Rec.2020 HLG ITU-R BT.2100
Output	Rec.709 Rec.2020 HLG ITU-R BT.2100
WCG	Rec.2020
Conversion	Fixed or Auto-detect Linear 32-bit float RGBA Custom LUT (CUBE) Separate settings for UHD and HD outputs
Metadata	HDR in ANC (SMPTE ST 352) HDR in MXF (SMPTE ST 436)

## SPECIFICATIONS

### SERVER SPECIFICATION

Processors	AMD EPYC 9354P (32 cores, 64 threads)
Memory	6x 16GB (96 GB) PC5-4800* (or optimal configuration based on server manufacturer) *increases if using deploying UHD or 1080P based channels
OS Drives	2x 480 GB NVMe RAID 1 recommended
Graphics Drives	2x 960 GB SSD RAID 5 recommended
Optional Local Video Drives	4x 2TB 7.2K RPM RAID 5 recommended
Standard Network Cards & Interfaces	<p>1x iLO Out of Band Management            4x 1 Gb/s Ethernet OCP</p> <ul style="list-style-type: none"> <li>• For Management (automation) control</li> <li>• For Compressed TS IO</li> <li>• Others as required based on design</li> </ul> <p>2x 10/25Gb/s OCP (SFP cables and Optics required not included)</p> <ul style="list-style-type: none"> <li>• Used for IOX NAS connectivity if external storage configured</li> <li>• Used for local media transfer if internal storage configured</li> </ul>
Optional Network Card & Interfaces	2x 10/25Gb/s OCP/PCIe (SFP cables and Optics required)
Optional SMPTE ST 2110 Video Network Card & Interfaces	Matrox DSX LE5 D25 x16 PCIe card. Dual 25Gb SFP28 cages (SFP cables and Optics required)
Optional HD-SDI IO	<p>1x MA500, 6 SDI Inputs, 6 SDI Outputs, 1 Analog Reference            Or            1x Matrox DSX LE4 LP, 8 HDBNC Connections - Matrox I/O ports are configurable either as inputs or outputs, 1 Analog Reference            Or            2x Matrox DSX LE4 LP, 8 HDBNC Connections - Matrox I/O ports are configurable either as inputs or outputs, 1 Analog Reference</p>
GPU acceleration (1080p and UHD)	Nvidia RTX4000 ADA SFF GPU

## SPECIFICATIONS

### GRAPHIC BRANDING

Bit Depth	32 bit 24 bit graphics (RGB), 8 bit alpha
Graphic Video Format	(Lossless compression) Custom sizing Up to 10 graphic video files running simultaneously Graphic video files coverage up to 1x screen resolution
Layouts	Maximum of 10 layouts loaded simultaneously Multiple individually controllable elements per layout
Rolls and Crawls	Up to 4 rolls and/or crawls* Up to 1/3 screen coverage at one time*
Clocks and Stills	No practical limit
Screen Coverage	Up to 2x resolution*

\* Supported minimum standard. Limits may vary.

### DVE

Quantity	Two 2D DVEs Two Box DVEs on screen simultaneously
Sources	One active source per DVE at a time 2 internal video playback channels 1 internal video playback channel and 1 live input
Control	User-defined templates Automation triggering of templates Template-defined position and motion control Template-defined crop and video resizing

## VERISIO INTEGRATED PLAYOUT ORDERING INFORMATION – CHANNEL BUNDLES

### ESSENTIALS

VER-ESSENTIALS-SINGLE	1 integrated playout channel, configuration 2x Live Input, Program Output, Clean Output, Clip Playback, Dolby-D Encode, Dolby-E Decode, Closed Captions, Open Captions, SCTE-104 and Adv Graphics
VER-ESSENTIALS-SINGLE-R	1 integrated playout redundant channel 2x Live Input, Program Output, Clean Output, Clip Playback, Dolby-D Encode, Dolby-E Decode, Closed Captions, Open Captions, SCTE-104 and Adv Graphics

### STANDARD

VER-STANDARD-SINGLE	1 integrated playout channel, configuration 2x Live Input, Program Output, Clean Output, Preset Output, Clip Playback, Dolby-D Encode, Dolby-E Decode, Closed Captions, Open Captions, SCTE-104 and Adv Graphics
VER-STANDARD-SINGLE-R	1 integrated playout redundant channel, configuration 2x Live Input, Program Output, Clean Output, Preset Output, Clip Playback, Dolby-D Encode, Dolby-E Decode, Closed Captions, Open Captions, SCTE-104 and Adv Graphics

### PREMIUM

VER-PREMIUM-SINGLE	1 integrated playout channel, configuration 2x Live Input, Key/Fill Input, Program Output, Clean Output, Preset Output, TS Simulcast Output, 2x Clip Playback, Audio Upmix/Downmix, Dolby-D Encode, Dolby-E Decode, Closed Captions, Open Captions, SCTE-104 and Adv Graphics
VER-PREMIUM-SINGLE-R	1 integrated playout redundant channel, configuration 2x Live Input, Key/Fill Input, Program Output, Clean Output, Preset Output, TS Simulcast Output, 2x Clip Playback, Audio Upmix/Downmix, Dolby-D Encode, Dolby-E Decode, Closed Captions, Open Captions, SCTE-104 and Adv Graphics

### UHD

VER-UHD-SINGLE	1 integrated playout channel, 2x Live Input, Program Output, Clean Output, Preset Output (HD), Clip Playback, Audio Upmix/Downmix, Dolby-D Encode, Dolby-E Decode, Closed Captions, Open Captions, SCTE-104 and Adv Graphics
VER-UHD-SINGLE-R	1 integrated playout redundant channel, 2x Live Input, Program Output, Clean Output, Preset Output (HD), Clip Playback, Audio Upmix/Downmix, Dolby-D Encode, Dolby-E Decode, Closed Captions, Open Captions, SCTE-104 and Adv Graphics

## VERSIO INTEGRATED PLAYOUT ORDERING INFORMATION

### VERSIO PLUS – INGEST AND REVIEW PORT – SDI ONLY \*

PLSHD1CH	NEXIO+ 1X SD/HD PLAYBACK & ENCODE CHANNEL LICENSE
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\*Only 2 bidirectional ports are permitted per Versio server instance, dependent on server deployment

### PLAYOUT

VER-PLY	VERSIO PLAYOUT SERVICE: LICENSE FOR SINGLE PLAYOUT CHANNEL 1X
VER-PLY-R	VERSIO PLAYOUT SERVICE: (REDUNDANT): LICENSE FOR SINGLE PLAYOUT CHANNEL 1X

### GRAPHICS

VER-GFX-BASIC	VERSIO GRAPHICS: BASIC GRAPHICS PACKAGE
VER-GFX-BASIC-R	VERSIO GRAPHICS: BASIC GRAPHICS PACKAGE(REDUNDANT)
VER-GFX-ADV	VERSIO GRAPHICS: ADVANCED GRAPHICS PACKAGE
VER-GFX-ADV-R	VERSIO GRAPHICS: ADVANCED GRAPHICS PACKAGE (REDUNDANT)
VER-GFX-UHD	VERSIO GRAPHICS: UHD GRAPHICS PACKAGE
VER-GFX-UHD-R	VERSIO GRAPHICS: UHD GRAPHICS PACKAGE (REDUNDANT)
VER-GFX-OP-UNQ	VERSIO GRAPHICS: LICENSE FOR UNIQUE SD HD BRANDING
VER-GFX-OP-UNQ-R	VERSIO GRAPHICS: LICENSE FOR (REDUNDANT) UNIQUE SD HD BRANDING
VER-GFX-CSL	VERSIO GRAPHICS CREATION STATION LITE – Installed on VM or PC that meets the CSL minimum specifications

## VERSIO INTEGRATED PLAYOUT ORDERING INFORMATION

I/O	
<b>SDI</b>	
VER-IO-SDI-IN	VERSIO PLAYOUT SERVICE: LICENSE FOR SINGLE SDI LIVE INPUT, USE WITH VER-IO-SDI
VER-IO-SDI-IN-R	VERSIO PLAYOUT (REDUNDANT) SERVICE: LICENSE FOR SINGLE SDI LIVE INPUT, USE WITH VER-IO-SDI
VER-IO-SDI-OUT	VERSIO PLAYOUT SERVICE: LICENSE FOR SINGLE SDI OUTPUT (BRANDED OR UNBRANDED), USE WITH VER-IO-SDI
VER-IO-SDI-OUT-R	VERSIO PLAYOUT SERVICE (REDUNDANT): LICENSE FOR SINGLE SDI OUTPUT (BRANDED OR UNBRANDED), USE WITH VER-IO-SDI
VER-IO-SDI-KEY	VERSIO PLAYOUT SERVICE : KEY AND FILL INPUT LICENSE
VER-IO-SDI-KEY-R	VERSIO PLAYOUT SERVICE (REDUNDANT): KEY AND FILL INPUT LICENSE
<b>UNCOMPRESSED IP</b>	
VER-IO-2110-IN	VERSIO PLAYOUT SERVICE: LICENSE FOR SINGLE 2110 LIVE IP INPUT
VER-IO-2110-IN-R	VERSIO PLAYOUT SERVICE (REDUNDANT): LICENSE FOR SINGLE 2110 LIVE IP INPUT
VER-IO-2110-OUT	VERSIO PLAYOUT SERVICE: LICENSE FOR SINGLE 2110 IP OUTPUT
VER-IO-2110-OUT-R	VERSIO PLAYOUT SERVICE (REDUNDANT): LICENSE FOR SINGLE 2110 IP OUTPUT
VER-IO-2110-KEY	2110 KEY/FILL PAIR. MAX 1 PAIR PER VERSIO WITH APPROPRIATE NIC/COMPUTE
VER-IO-2110-KEY-R	2110 KEY/FILL PAIR (REDUNDANT). MAX 1 PAIR PER VERSIO WITH APPROPRIATE NIC/COMPUTE
<b>COMPRESSED IP</b>	
VER-IO-CMP-IN	VERSIO PLAYOUT SERVICE: LICENSE FOR SINGLE LIVE COMPRESSED INPUT
VER-IO-CMP-IN-R	VERSIO PLAYOUT SERVICE (REDUNDANT): LICENSE FOR SINGLE LIVE COMPRESSED INPUT
VER-IO-CMP-OUT	VERSIO PLAYOUT SERVICE: LICENSE FOR SINGLE COMPRESSED OUTPUT (BRANDED OR UNBRANDED)
VER-IO-CMP-OUT-R	VERSIO PLAYOUT SERVICE (REDUNDANT): LICENSE FOR SINGLE COMPRESSED OUTPUT (BRANDED OR UNBRANDED)

## VERSIO INTEGRATED PLYOUT ORDERING INFORMATION

### OPTIONS

#### AUDIO

VER-PLY-OP-ALA	VERSIO PLYOUT SERVICE: LICENSE FOR VERSIO ADVANCED AUDIO - LINEAR ACOUSTIC AERO
VER-PLY-OP-ALA-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR VERSIO ADVANCED AUDIO - LINEAR ACOUSTIC AERO
VER-PLY-OP-ANL	VERSIO PLYOUT SERVICE: LICENSE FOR VERSIO ADVANCED AUDIO - NEILSEN RATINGS
VER-PLY-OP-ANL-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR VERSIO ADVANCED AUDIO - NEILSEN RATINGS
VER-PLY-OP-KANT	VERSIO PLYOUT SERVICE: KANTAR WATERMARKING
VER-PLY-OP-KANT-R	VERSIO PLYOUT SERVICE (REDUNDANT): KANTAR WATERMARKING
VER-PLY-OP-ATR	VERSIO PLYOUT SERVICE: LICENSE FOR VERSIO ADVANCED AUDIO - TRACK SHUFFLER
VER-PLY-OP-ATR-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR VERSIO ADVANCED AUDIO - TRACK SHUFFLER
VER-PLY-OP-AUD	VERSIO PLYOUT SERVICE: LICENSE FOR VERSIO ADVANCED AUDIO - DOLBY DTS UP DOWN MIX
VER-PLY-OP-AUD-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR VERSIO ADVANCED AUDIO - DOLBY DTS UP DOWN MIX
VER-PLY-OP-DDE	VERSIO PLYOUT SERVICE. DOLBY D LICENSE FOR 2 OR 6 CHANNELS ENCODE TO A SINGLE DIGITAL STREAM
VER-PLY-OP-DDE-R	VERSIO PLYOUT SERVICE (REDUNDANT): DOLBY D LICENSE FOR 2 OR 6 CHANNELS ENCODE TO A SINGLE DIGITAL STREAM
VER-PLY-OP-DED	VERSIO PLYOUT SERVICE: LICENSE FOR DOLBY E DECODE FROM A SINGLE DIGITAL STREAM TO 6 OR 8 CHANNELS
VER-PLY-OP-DED-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR DOLBY E DECODE FROM A SINGLE DIGITAL STREAM TO 6 OR 8 CHANNELS

## VERSIO INTEGRATED PLYOUT ORDERING INFORMATION

### OPTIONS

#### VANC

VER-PLY-OP-ANC	VERSIO PLYOUT SERVICE: LICENSE FOR VANC PROCESSING AND INSERTION
VER-PLY-OP-ANC-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR VANC PROCESSING AND INSERTION

#### CAPTIONS

VER-PLY-OP-CAP	VERSIO PLYOUT SERVICE: LICENSE FOR VERSIO CAPTION ENGINE
VER-PLY-OP-CAP-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR VERSIO CAPTION ENGINE
VER-PLY-OP-EEG	VERSIO PLYOUT SERVICE: LICENSE FOR EEG ICAP LIVE CAPTION INSERTION
VER-PLY-OP-EEG-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR EEG ICAP LIVE CAPTION INSERTION
VER-PLY-OP-CBN	VERSIO PLYOUT SERVICE: LICENSE FOR OPEN (BURNT IN) CAPTIONS FROM LIVE CLIP ANC
VER-PLY-OP-CBN-R	VERSIO PLYOUT SERVICE: (REDUNDANT): LICENSE FOR OPEN (BURNT IN) CAPTIONS FROM LIVE CLIP ANC

#### SCTE

VER-PLY-OP-DPI	VERSIO PLYOUT SERVICE: LICENSE FOR VANC PROCESSING AND INSERTION
VER-PLY-OP-DPI-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR VANC PROCESSING AND INSERTION

#### EAS

VER-PLY-OP-EAS	VERSIO PLYOUT SERVICE: LICENSE FOR EMERGENCY ALERT SYSTEM
VER-PLY-OP-EAS-R	VERSIO PLYOUT SERVICE (REDUNDANT): LICENSE FOR EMERGENCY ALERT SYSTEM

#### PRESET

VER-PLY-PST-OUT	VERSIO PLYOUT SERVICE: LICENSE FOR SINGLE PRESET OUTPUT
VER-PLY-PST-OUT-R	VERSIO PLYOUT SERVICE: (REDUNDANT LICENSE FOR SINGLE PRESET OUTPUT

## VERSIO INTEGRATED PLAYOUT ORDERING INFORMATION

### OPTIONS

#### UHD

VER-PLY-OP-UHD	VERSIO PLAYOUT SERVICE: UHD PLAYBACK & ENCODE CHANNEL LICENSE
VER-PLY-OP-UHD-R	VERSIO PLAYOUT SERVICE (REDUNDANT): UHD PLAYBACK & ENCODE CHANNEL LICENSE
VER-PLY-UHD-DOWN	VERSIO UHD DOWNCONVERT SOFTWARE LICENSE
VER-PLY-UHD-DOWN-R	VERSIO UHD DOWNCONVERT SOFTWARE LICENSE (REDUNDANT)

#### HDR

VER-PLY-OP-HDR	VERSIO PLAYOUT SERVICE: LICENSE FOR HDR SUPPORT
VER-PLY-OP-HDR-R	VERSIO PLAYOUT SERVICE (REDUNDANT): LICENSE FOR HDR SUPPORT

### MASTER CONTROL

VER-MCS-SWP	VERSIO MASTER CONTROL: CORE MASTER CONTROL SOFTWARE PANEL - INCLUDES MASTER CONTROL SERVICE
VER-MCS-OP-LIVE	VERSIO MASTER CONTROL: LICENSE FOR MASTER CONTROL LIVE PANEL
VER-PLY-OP-MCS	VERSIO MASTER CONTROL: LICENCE PER CHANNEL, ENABLES MANUAL CONTROL OF VERSIO SWITCHER AND GRAPHICS

## VERSIO INTEGRATED PLAYOUT ORDERING INFORMATION

HARDWARE	
VER-HW-MCS-PNL	VERSIO MASTER CONTROL: MASTER CONTROL HARDWARE PANEL, INCLUDES HW, MASTER CONTROL SERVICE & PANEL
<b>SERVER PLATFORM</b>	
VER-HW-2UG11-1SDI	VERSIO 2RU GEN11 PLAYOUT SERVER WITH SINGLE MATROX SDI BOARD
VER-HW-2UG11-2SDI	VERSIO 2RU GEN11 PLAYOUT SERVER WITH DUAL MATROX SDI BOARD
VER-HW-2UG11-1MA500	VERSIO 2RU GEN11 PLAYOUT SERVER WITH SINGLE MA500 SDI BOARD
VER-HW-2UG11-2110	VERSIO 2RU GEN11 PLAYOUT SERVER WITH SINGLE MATROX 2110 BOARD
VER-HW-2UG11-TS	VERSIO 2RU GEN11 PLAYOUT SERVER WITH NO I/O BOARD FOR TRANSPORT STREAMS
<b>GPU KIT</b>	
VER-HW-GPU-RTX4000ADA	VERSIO GPU KIT - NVIDIA QUADRO RTX4000 ADA LOVELACE SFF FOR HPE 2RU PLATFORMS
<b>INTERNAL STORAGE BUNDLES</b>	
VER-HW-G11-STOR-20TB	VERSIO PLAYOUT GEN11 20TB INTERNAL STORAGE PACKAGE
VER-HW-G11-STOR-60TB	VERSIO PLAYOUT GEN11 60TB INTERNAL STORAGE PACKAGE
VER-HW-G11-STOR-80TB	VERSIO PLAYOUT GEN11 80TB INTERNAL STORAGE PACKAGE
<b>MEMORY</b>	
VER-HW-G11-DDR-16G-48	16GB MEMORY MODULE. QTY(1) 16GB SINGLE-RANK DDR5-4800 FOR HPE GEN11 2RU PLATFORM
<b>VIDEO I/O PCI INTERFACE</b>	
VER-HW-2UIO-SDI	VERSIO PLAYOUT SERVICE: SDI PLAYOUT PACKAGE FOR 2RU INCL MA500 UP TO 6IN 6OUT
VER-HW-MXIO-SDI-8	VERSIO SDI PLAYOUT PACKAGE INCL I/O UP TO 8IN OR 8OUT
VER-HW-MXIO-IP-D	VERSIO 2110 I/O PLAYOUT PACKAGE
<b>NETWORK INTERFACES</b>	
VER-HW-NIC-OCP-1025	2-PORT 10/25GBE OCP3 FOR IMAGINE 2RU HPE GEN11. PURCHASE SFP CABLES AND OPTICS SEPARATELY
VER-HW-NIC-PCIE-1025	2-PORT 10/25GBE PCIE FOR IMAGINE 2RU HPE GEN11. PURCHASE SFP CABLES AND OPTICS SEPARATELY
VER-HW-SFP-10	1X 10GBE SFP+ OPTICAL MODULE FOR USE WITH VERSIO
VER-HW-SFP-25	1X 25GBE SFP28 OPTICAL MODULE FOR USE WITH VERSIO
<b>SSD KIT</b>	
VER-HW-SSD-[ 240G, 480G, 960G, 19T, 38T]	MEDIA SSD KIT, 1X [240GB, 480GB, 960GB, 1.92TB, 3.8TB] 2.5" SSD, ORDER 1X, 4X, 8X, OR 16X AS NEEDED