

Versio Playout Bundles

Sophisticated Playout, Simplified

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 TS, SDI, ST 2110 IP or delivering in UHD or HDR.**

The Versio integrated playout ecosystem is comprised of versatile channel and content management tools (Versio Core) and the highest quality playout engines (Versio Channels) — perfectly architected to meet the demands of any on-prem playout installation.

VERSIO INTEGRATED PLAYOUT



Versio Core

Control Apps, Web UIs, Workflows, Orchestration, Monitoring and more



Versio Channels

In/Out, Clip Playback, Graphics, Master Control, Captions, SCTE and more



Streamline Ordering



Streamline Deployment



Streamline Migrations

Streamlining a Versio Ecosystem with Bundles

Versio Core

ADC Automation

OR

Versio Automation

Versio Channels

Any mixture of channel types

Versio Standard

Versio Premium

Versio UHD

Media Storage

Internal Storage

OR

IOX NAS Storage

Versio Ecosystem

Versio Core Overview

Versio Core includes all our premium playout control & content management tools:

- **Media Management:** tools for file ingest, content preparation, workflow management, proxy generation, complex metadata import/export, storage management
- **Channel Operations:** playout automation (with a choice of ADC or Versio Automation), master control panels, channel & system monitoring, channel redundancy orchestration, live ingest control
- **Media Operations:** creation and orchestration of playout graphics, dynamic branding, subtitle file management, audio language tagging, audio shuffling orchestration



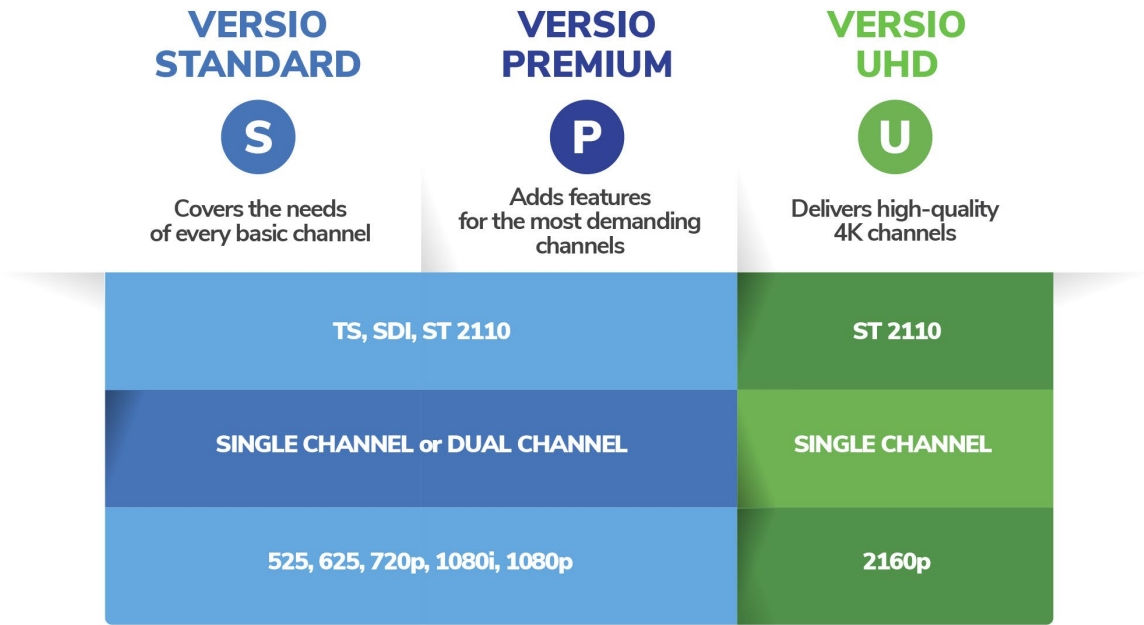
Versio Channels Overview

By streamlining our field-proven Versio offering into three configuration tiers — **Versio Standard**, **Versio Premium** and **Versio UHD** — we’ve simplified the way to select and deploy a robust playout solution that will meet your exacting channel requirements.

Versio Standard: fulfills the requirements of most channels, with 2 live inputs, master control, graphics, subtitles, Dolby, dual DVE and SCTE

Versio Premium: adds extra capabilities to the Standard channel, with premium features such as key/fill inputs, 2nd clip player, audio up/down mix, HDR conversion and more channel outputs

Versio UHD: includes everything required to make UHD playout, with 4K video playback, up conversion of HD clips and HD live signals, 4K graphics, SDR/HLG conversion, extra HD simulcast output



Versio Core Configuration Details

Versio Core



Media Management

Versio Content Portal

- ✓ Redundant Content Portal backend services
- ✓ Content Portal web UI
- ✓ Full functionality supported by Content Portal

Motion

- ✓ Main/Backup Motion servers
- ✓ Standard workflows
 - ✓ Missing media
 - ✓ Auto purge
 - ✓ Content registration
- ✓ 1x Motion client per Motion server

Options

- Extra Motion clients
- Drivers for 3rd-party device control
- Motion designer

SelenioFlex File

- ✓ Main/Backup SelenioFlex File Manager
- ✓ 2x Proxy encode licenses for file-based content

Options

- ✓ Extra proxy encode licenses
- ✓ Live proxies (consider using Versio Ingest Server or Nexio proxy encoder)



Channel Operations

Versio Control

- ✓ Redundant Versio Control backend services
- ✓ Versio Control web UI
- ✓ All widgets: Versio (graphics, MCS), Automation, Content, utility widgets

Versio Redundancy

- ✓ Redundant Versio Redundancy backend services
- ✓ Versio Redundancy web UI
- ✓ Full functionality supported by Versio Redundancy

Versio Ingest Scheduler

- ✓ Redundant Versio Ingest backend services
- ✓ Versio Ingest web UI
- ✓ Full functionality supported by Versio Ingest

Automation

If with ADC Automation

- ✓ ADC Services, incl. Integration & Aggregation Services
- ✓ ADC List Redundancy (1x client, all lists)
- ✓ ADC Orion
- ✓ Synchro Service & Notification Agent Service

If with Versio Automation

- ✓ Redundant Versio Automation backend services
- ✓ Versio Automation web UI
- ✓ Full functionality supported by Versio Automation



Media Operations

Versio Graphics

- ✓ Redundant Versio Graphics backend services
- ✓ Versio Graphics web UI (1x per Versio engine)
- ✓ Data Sourcerer
- ✓ Quickporter
- ✓ Unlimited Creation Station licenses
- ✓ Adobe After Effects integration

Caption Service

- ✓ Redundant Caption Service backend services
- ✓ Caption Service web UI
- ✓ Full functionality supported by Caption Service

Audio Management

- ✓ Advanced Audio Track Router (AATR) web UI – 1x per Versio engine
- ✓ Audio Profile Builder web UI (Swizzler) – 1x per Versio engine

Versio Core - Bundle Details

These bundles are designed according to the preferred deployment topology.

The most popular is the **HA Bundle**, where backend services and software is deployed in a quorum of 3 Hardware nodes to guarantee full redundancy.

A **non redundant deployment** with a single Core node is also possible for those use cases that will not require high availability such as disaster recovery.

The **Expansion Bundles** add 2 Hardware nodes and will help in large environments where it is required to control up to 40+40 ADC channels or 50+50 Versio Automation channels.

Every Core deployment option is adapted to your preferred ployaut Automation: ADC or Versio Automation.

High-Availability Bundles

Include 3x hardware nodes

Recommended for most deployments

ADC-based HA Core Services

Up to 20 Redundant Channels

OR

Versio Automation-based HA Core Services

Up to 30 Redundant Channels

Non-HA Bundles

Include 1x hardware node

Not recommended for 24x7

Ideal for Disaster Recovery

ADC-based Single Core Services

Up to 6 Redundant Channels

OR

Versio Automation-based Single Core Services

Up to 10 Redundant Channels

Expansion Bundles

Add 2x hardware nodes

Extends existing core services system

- From 3x or 5x nodes to support additional channel count
- From 1x to 3x nodes to enable HA

ADC-based Expansion Core Services

21-40 Redundant Channels

OR

Versio Automation-based Expansion Core Services

31-50 Redundant Channels

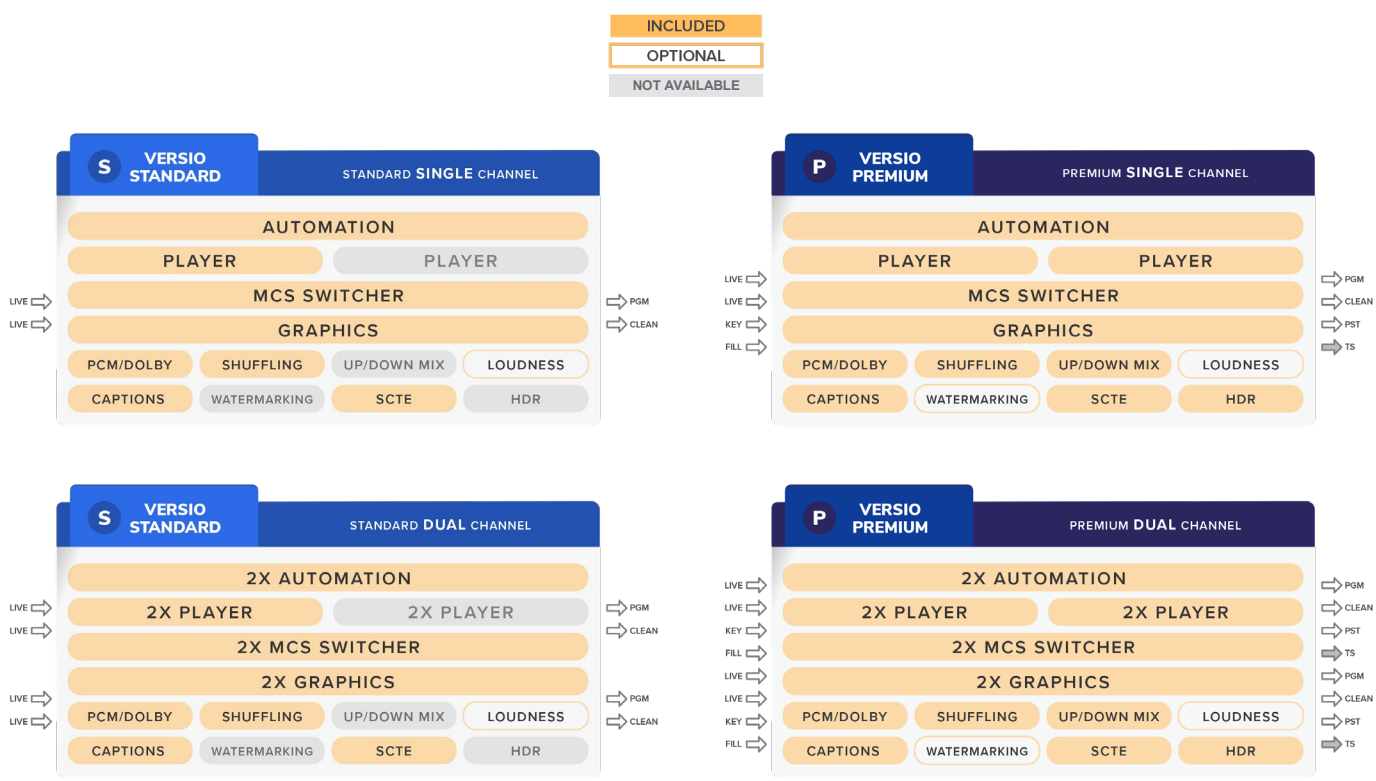
Versio Channels - Configuration Details

	INCLUDED OPTIONAL	S VERSIO STANDARD	P VERSIO PREMIUM	U VERSIO UHD
I/O		LIVE IN 1 LIVE IN 2 PST OUT	PGM OUT CLEAN OUT PST OUT FILL IN TS SIMULCAST OUT	UHD PGM OUT UHD CLEAN OUT HD PST OUT
Master Control		OUT FADE MIX (CLIP/LIVE-TO-LIVE)	CUT FADE MIX (CLIP/LIVE-TO-CLIP/LIVE)	CUT FADE MIX (CLIP/LIVE-TO-LIVE)
Playback		PLAYER	PLAYER 1 PLAYER 2	UHD PLAYER
Graphics		NATIVE GRAPHICS DUAL DVE	NATIVE GRAPHICS DUAL DVE	NATIVE UHD GRAPHICS DUAL DVE
Audio		2.0/5.1 PCM LOUDNESS SHUFFLING DOLBY	2.0/5.1 PCM UP/DOWN MIX LOUDNESS SHUFFLING DOLBY WATERMARKING	2.0/5.1 PCM UP/DOWN MIX LOUDNESS SHUFFLING DOLBY WATERMARKING
Captions		CC PASSTHROUGH CC INSERTION OPEN CAPTIONS	CC PASSTHROUGH CC INSERTION LIVE CAPTIONS OPEN CAPTIONS	CC PASSTHROUGH CC INSERTION OPEN CAPTIONS
Others		SCTE	SCTE HDR CONVERSION	SCTE HDR CONVERSION

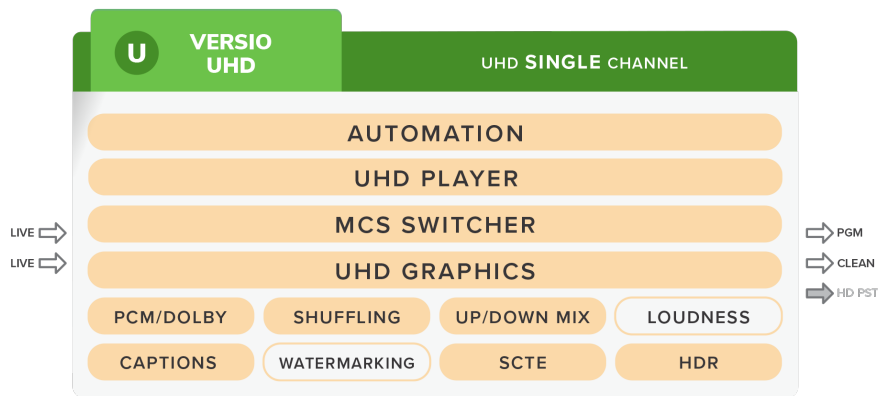
NOTE: Versio Premium Channels – Key/Fill not supported with transport streams, HDR conversion not supported with SDI, TS Simulcast only available with SDI or ST 2110

Versio Channels - Bundle Details

Transport Stream, SDI or 2110 Bundles – 4 options are possible, depending on using 1 or 2 channels per server in Standard or Premium configuration. Each of the four bundles below can be purchased either in TS, SDI or in ST 2110 (different video board).

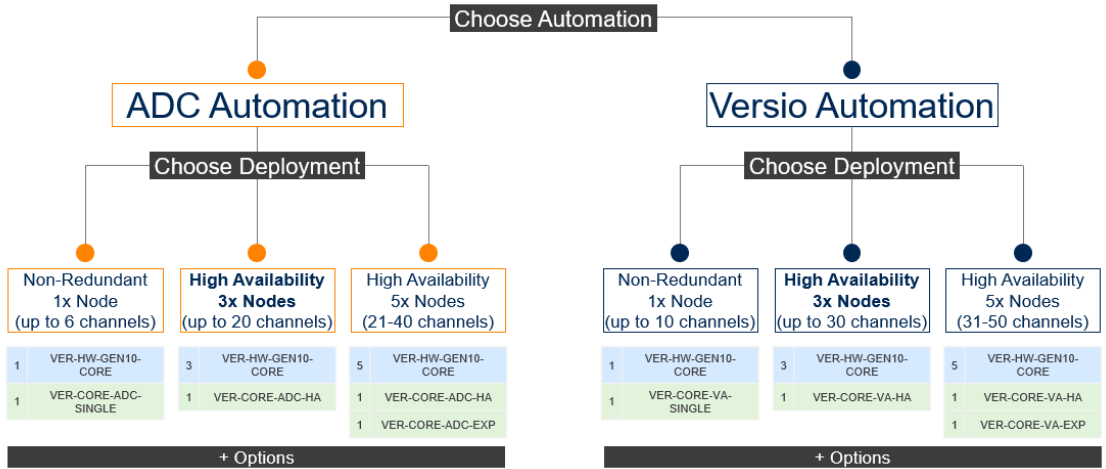


UHD Bundle – Versio UHD is offered in ST 2110 with a single channel per server including all necessary features

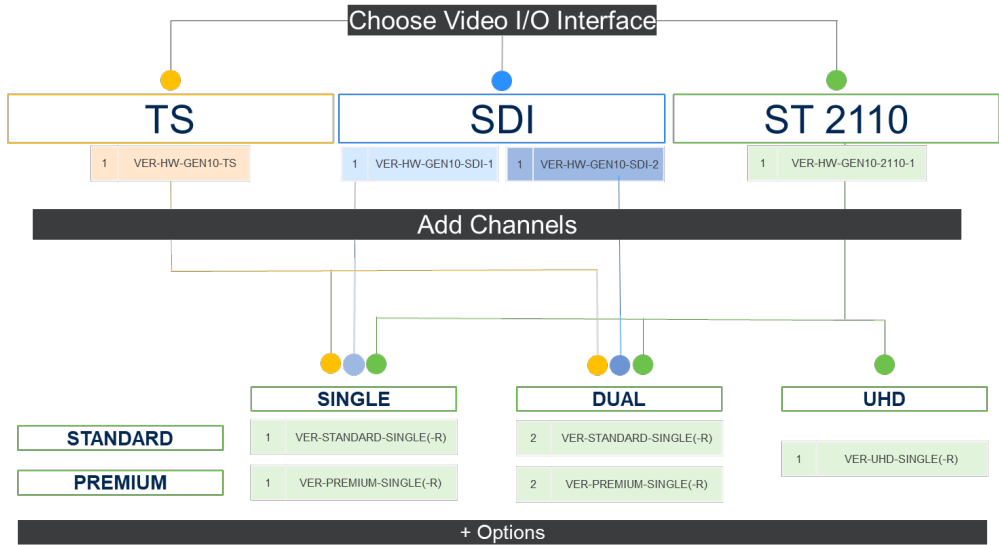


In summary, order the configuration that fits your needs in **3 simple steps**...

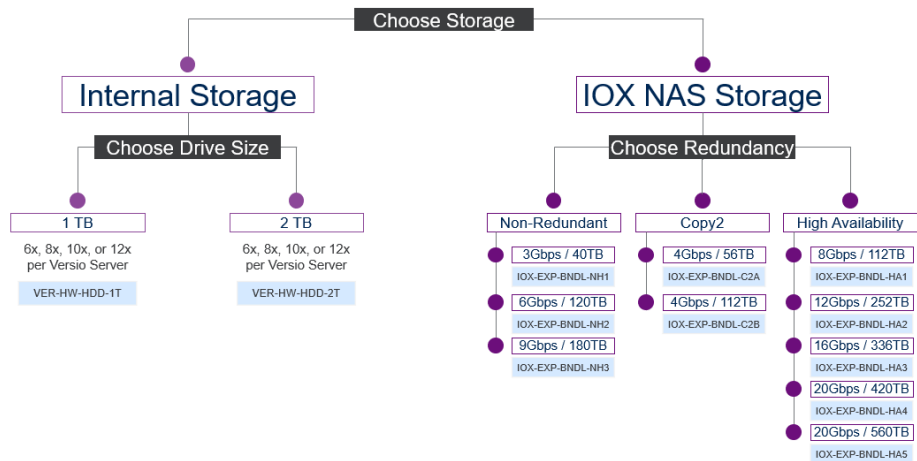
1 AUTOMATION



2 # OF CHANNELS



3 STORAGE



For more details or questions about our new Versio bundles offer, please contact your Imagine sales representative or reach us at <https://imaginecommunications.com/contact/>