Ingest

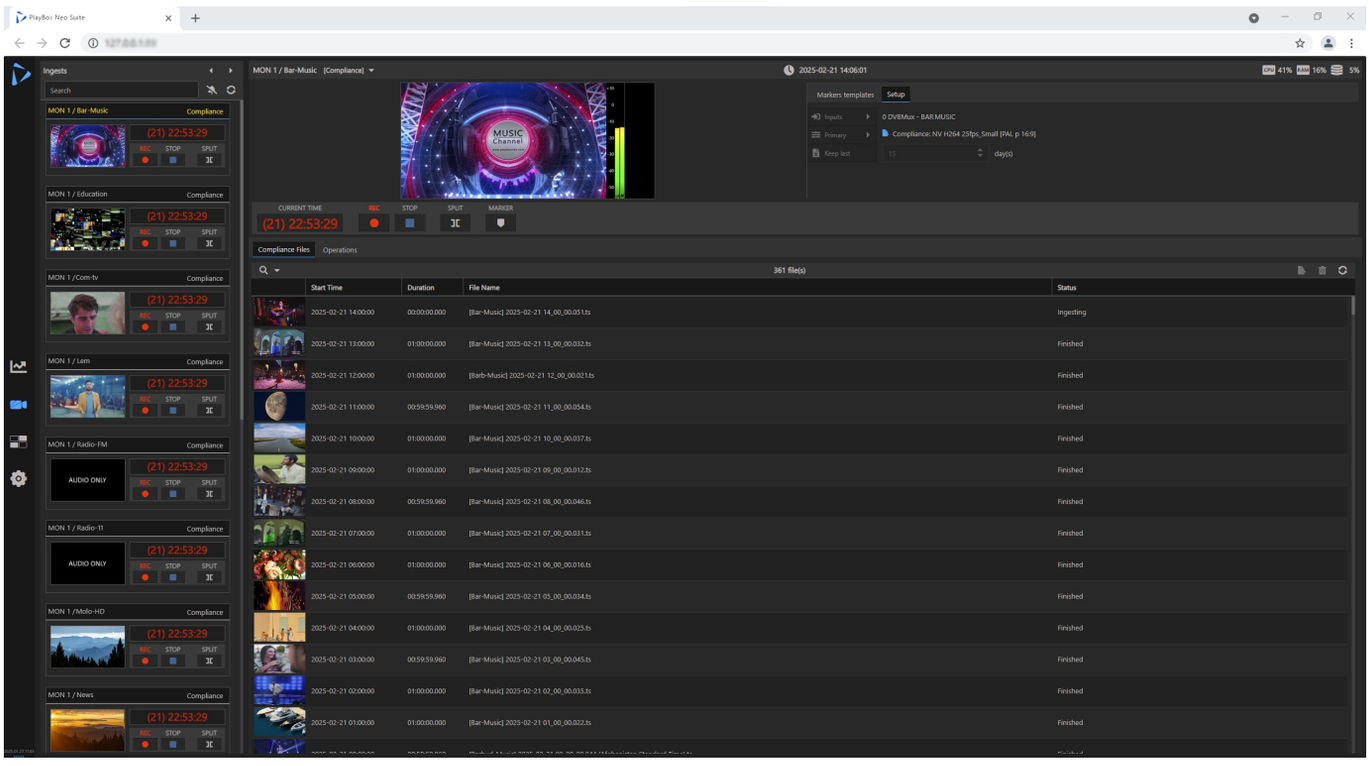
Multichannel Ingest Solution

In an attempt to ensure a rich viewer experience, broadcasters and post-production houses have to deal with receiving content from multiple live sources on a daily basis.
The Ingest application of PlayBox Neo Suite is a multichannel – multi-server UHD/HD/SD live ingest solution that integrates into the production workflow of any television network, post-production facility or playout center.

SINGLE USER INTERFACE

UHD/HD/SD LIVE INGEST

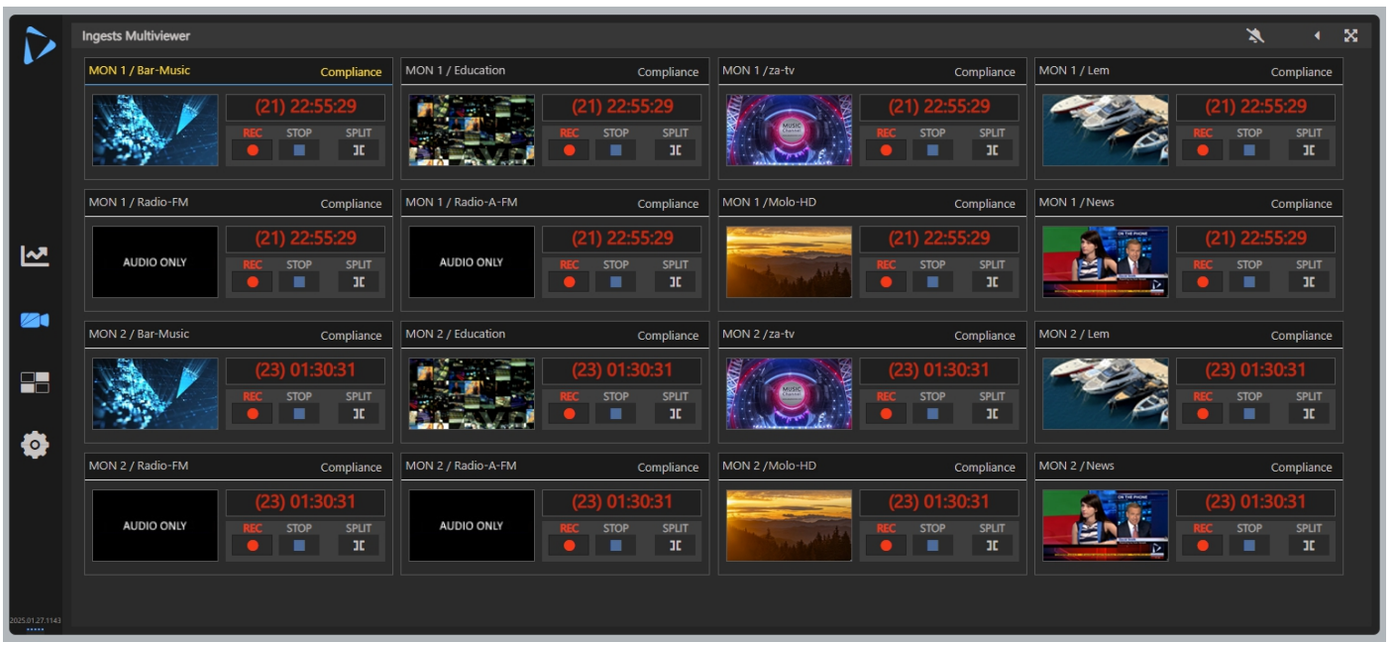
BUILT-IN MULTIVIEWER



The solution allows users to control multiple ingest channels, spread on multiple servers from a single web user interface. Functions such as input selection, ingest presets, file naming conventions assignments and auto-transfer functionalities are a single click away from the user.

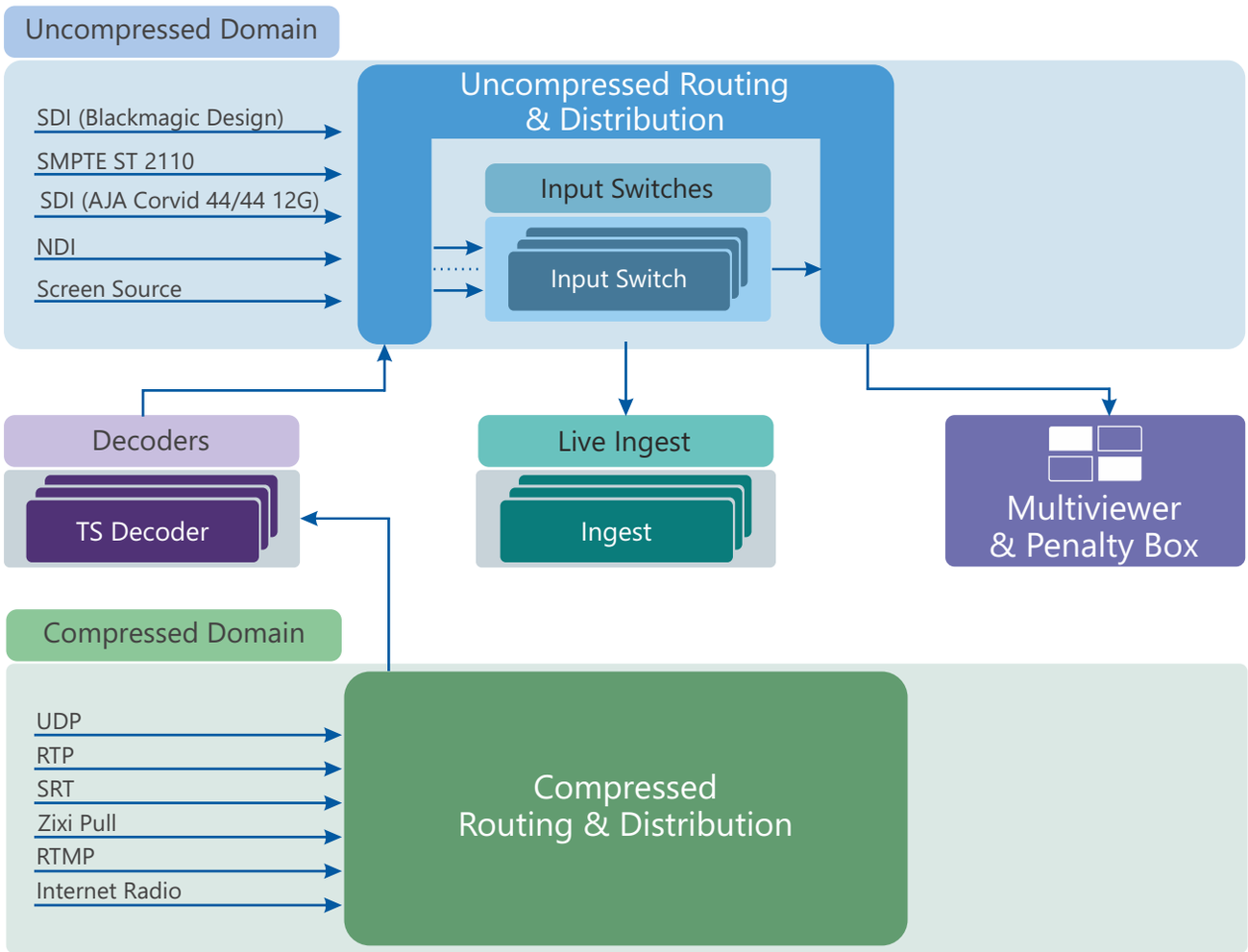
Ingest Features

- Video standards up to 4K can be ingested
- Ingest multiple channels per server (format and codec dependent)
- Industry-standard codecs and containers format are supported
- Manual, Scheduled and Compliance ingest modes
- File Splitting based on the duration
- Built-In Automatic and Manual content transfer/replication of ingested media to another storage/network folder
- Built-In Web-based MultiViewer with Black and Freeze frame alarms



- Increment of ingesting duration while ingesting
- Control multiple servers with multiple ingest channels from a single web user interface
- Possibility to review currently ingested materials using a built-in web player
- Multi-language audio selection and closed captions display is available during ingest
- Adding Clip Markers when navigating over the proxy video while ingesting
- Editing while ingesting in Adobe Premiere and Grass Valley Edius Workgroup 9+
- Playout while ingesting - ingested materials can be used for immediate playout in AirBox Neo Automation before the ingest process is finished (MXF and TS files)
- Up to 2 presets with different resolutions, frame rates and audio mapping per ingesting channel at the same time
- Presets can have different standard (automatic Up/Down/Cross and frame rate conversion) than the original source
- Presets can have different Audio Mapping (number of streams, codecs and bitrates) than the original source
- Overlay Date/Time and TV Channel name per preset
- Custom Naming Template creation for convenient and faster ingest file naming
- Built-In intelligent Resource Monitoring with automatic stopping and saving of all files when the Low Disk/Storage Space alarm is triggered
- Each ingest instance can have a different time zone – for scheduling ingests in multiple time zones
- Export XMP (Extensible Metadata Platform) format for sharing metadata to other platforms

Workflow and Specifications



Supported Codecs & Containers

Apple ProRes MOV*	ProRes 422HQ, ProRes 422, ProRes 422LT, ProRes 422Proxy, ProRes 4444, ProRes 4444XQ
MOV	DNxHD, DNxHR (HQX, HQ, SQ, LB), DV
XDCAM IMX	IMX30,40,50
XDCAM HD	XDCAM HD 1080 4:2:2, XDCAM HD 720 4:2:2
XAVC MXF	XAVC HD Intra CBG - Class 100 & 200, XAVC HD Long GOP - 25, 35, 50Mbps, XAVC 4K Intra CBG - Class 100, 300, 480, XAVC 4K Intra VBR - Class 100, 300, 480
MXF	DNxHD, DNxHR (HQX, HQ, SQ, LB), AVCIntra, DV, H264, MPEG2
Transport Stream	MPEG2, H264, HEVC
QuickTime MP4	H264, HEVC
Closed captions	Embedded ATSC A53 for H264, MPEG2 and HEVC; MCC v.2 file format
Inputs	SDI, NDI, Streaming, Screen Input, AirBox Neo, TitleBox Neo

* Might not be available in some regions

PlayBox Neo is a registered trademark. Other mentioned trademarks are property of their respective holders.

PLAYBOX NEO
native cloud & broadcast solutions

Rev. 01/26• All rights reserved copyright © 1999-2026