



Channel-in-a-Box



World's best-selling Playout and
Channel Branding product suite

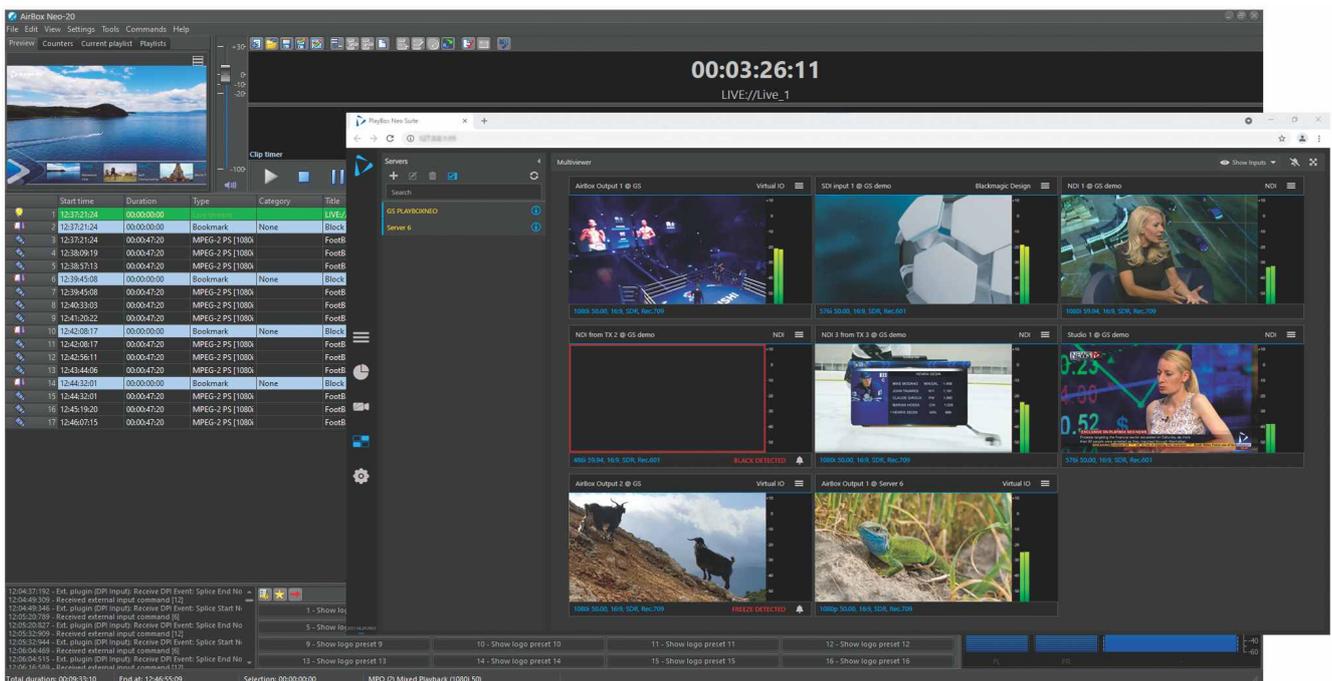
Solution Overview

PlayBox Neo Channel-in-a-Box is a turnkey playout server solution for broadcasting a single or multi TV channel both available in HD or UHD. It provides a seamless workflow to keep a channel on-air by combining scheduling, ingest, playout, CG and interactive graphics within one box and remote tools to enhance QC checks, preparation and monitoring. The output can be SDI or IP streaming and is suitable for a variety of applications including traditional broadcast TV, pay-TV, playout centers, satellite operators, etc.

By leveraging on the SaaS in the cloud or traditional platforms on-premises, PlayBox Neo Channel-in-a-Box offers media ingest with Capture Suite, playout automation with AirBox Neo-20, interactive CG and graphics with TitleBox Neo-20 and scheduling with ListBox Neo-20.



ListBox Neo-20 creates schedules for AirBox Neo-20 and rules can be created for TitleBox Neo-20 to fully automate the CG and interactive graphics for a powerful automatic TV channel. TitleBox Neo-20 interactive CG and Graphics can be internally keyed or optional external keying if you have a Down Stream Keyer (DSK).



AirBox Neo-20 | Playout & IP Streaming

AirBox Neo-20 provides automated content streaming and broadcast playout for any kind of TV channel – cloud-based, satellite, cable head-ends, over-the-air broadcasters, corporate TV, internet-based TV and etc. Via its scalable, extremely robust and reliable playout engine, AirBox Neo-20 can easily mix a variety of media files and live inputs in one playlist. It also provides multiple SDI/IP streaming outputs simultaneously in different video standards up to 4K.

Endless freedom of operation - any changes to the playlist during on-air sessions are possible! Media can be trimmed, edited or repositioned. Live productions are streamlined to allow insertion and/or execution of various events or live streams into the playlist.

Channel-in-a-Box Sample Workflows

Capture Suite | Ingest

Our latest addition Capture Suite is a multi-channel – multi-server UHD/HD/SD live ingest solution which integrates into the production workflow of any television network, post-production facility or playout center. Capture Suite 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.

TitleBox Neo-20 | CG & Interactive Graphics

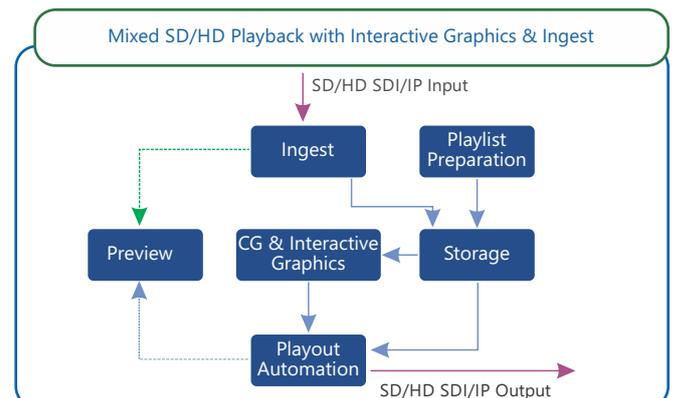
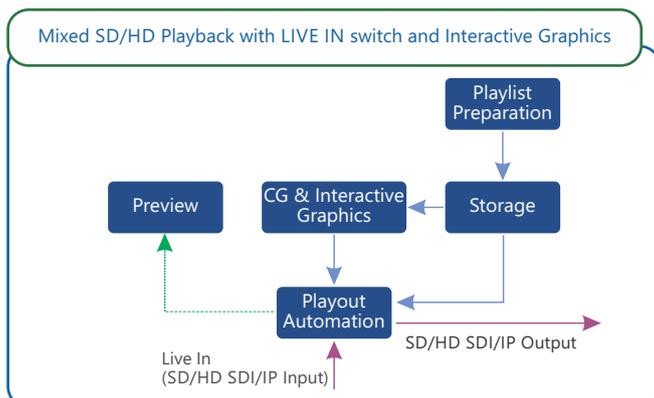
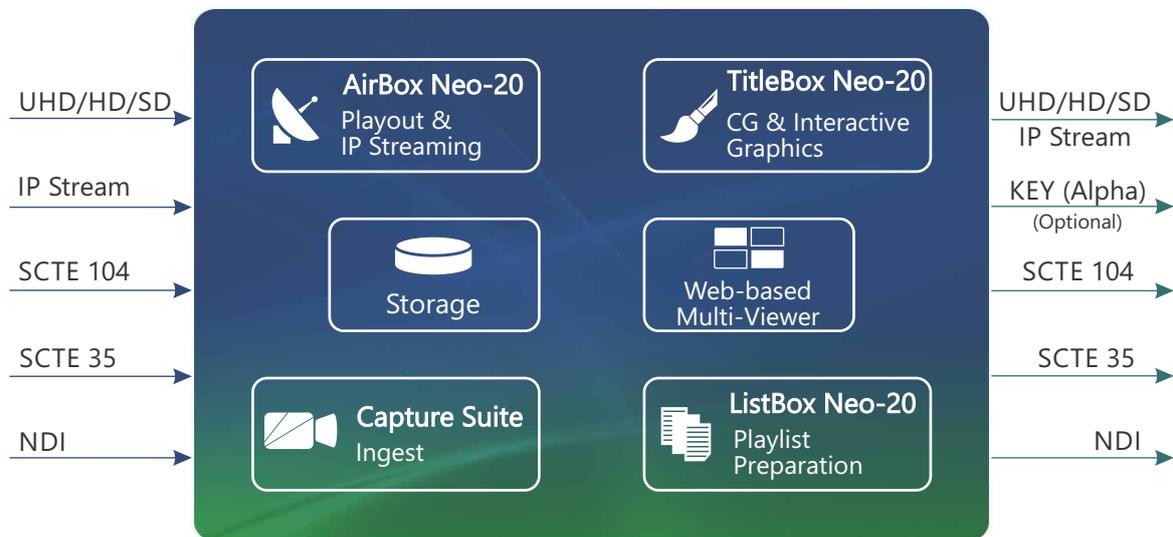
TitleBox Neo-20 is an interactive graphics manager which creates, displays and controls fascinating multi-zone screens with rolls, crawls, animations, clocks, station logos and more. All running objects are mixed and blended with each other in real-time, including animations. Each and every CG object can be edited while being transmitted on-air.

All graphics are 24-bit true color (16.7 million colors) with 8-bit Alpha channel (256 transparency levels). These colors can be applied to font face, border, shadow and text background. Field-based sub-pixel rendering ensures smooth animation and rolling text at any speed. Multiple graphics objects can be programmed to run simultaneously or sequentially on a single or multiple layers with just a few mouse clicks. Dynamic text data coming from text, rich text, CSV text, RSS feeds or ODBC-compliant databases can be linked to any text object and updated on-screen in real-time.

ListBox Neo-20 | Playlist Preparation

ListBox Neo-20 is an offline program schedule creation and playlist editor, perfect for schedule creation and schedule editing with a clip trimmer for simple program editing. ListBox Neo-20 enables text searching, clips copying/pasting, schedule printing, etc. and is the main tool for the Program Editors' to create and edit schedules many days, weeks or months in advance.

Basic Components Scheme



About PlayBox Neo

Building on 22 years of successful innovation, PlayBox Neo is advancing its role in the multi-platform future of broadcasting. Having pioneered the development of high-efficiency server-based and cloud-based playout, we are fully geared for today's world in which broadcasting is expanding to support every scale and type of one-to-many communication:

- Tightly themed channels addressing a global audience
- Local channels supporting a specific corporate venue or college campus
- Supplementary OTT channels supporting major sports, stage or studio events
- Linear and on-demand subscription channels
- Free-to-air national channels
- Continent-wide satellite channels in multiple languages
- Full-scale global channels via satellite, terrestrial and CDN

PlayBox Neo products and solutions today power over 19,000 TV and branding channels in more than 120 countries. Our clients include national and international broadcasters, start-up TV channels, webcasters, interactive TV and music channels, film channels, remote TV channels, corporate information channels and disaster recovery channels.



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