PLAYBOX NEO
native cloud & broadcast solutions

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, live media delivery and distribution 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 playout automation with AirBox Neo, scheduling with ListBox Neo, interactive CG and graphics with TitleBox Neo, media ingest with PlayBox Neo Suite Ingest and live media delivery and distribution with Media Gateway. ListBox Neo creates schedules for AirBox Neo and rules can be created for TitleBox Neo to fully automate the CG and interactive graphics for a powerful automatic TV channel. TitleBox Neo interactive CG and Graphics can be internally keyed or optional external keying if you have a Down Stream Keyer (DSK).

AirBox Neo | Playout & IP Streaming

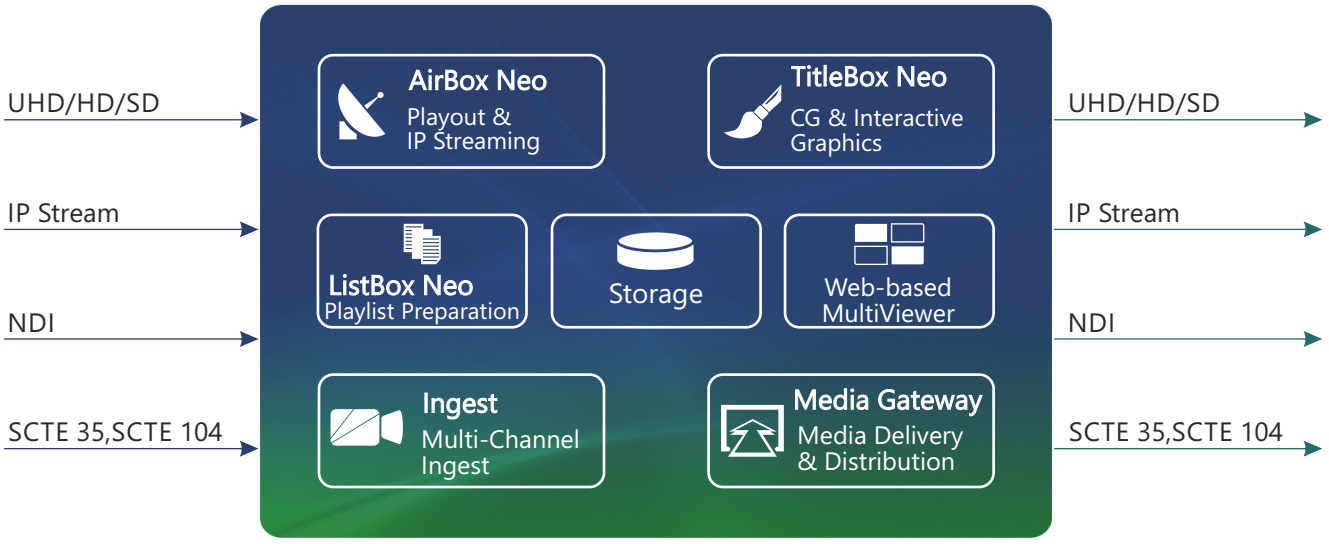
AirBox Neo provides automated content streaming and broadcast playout for any kind of TV channel – cloud-based, satellite, cable head-ends, over-the-air broadcasters, corporate TV, internet-based TV, etc. Via its scalable, extremely robust and reliable playout engine, AirBox Neo can easily mix a variety 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!

ListBox Neo | Playlist Preparation

ListBox Neo is an offline program schedule creation and playlist editor, perfect for schedule creation and schedule editing with a clip trimmer for simple program editing.

Channel-in-a-Box Sample Workflows

Basic Components Scheme



TitleBox Neo | CG & Interactive Graphics

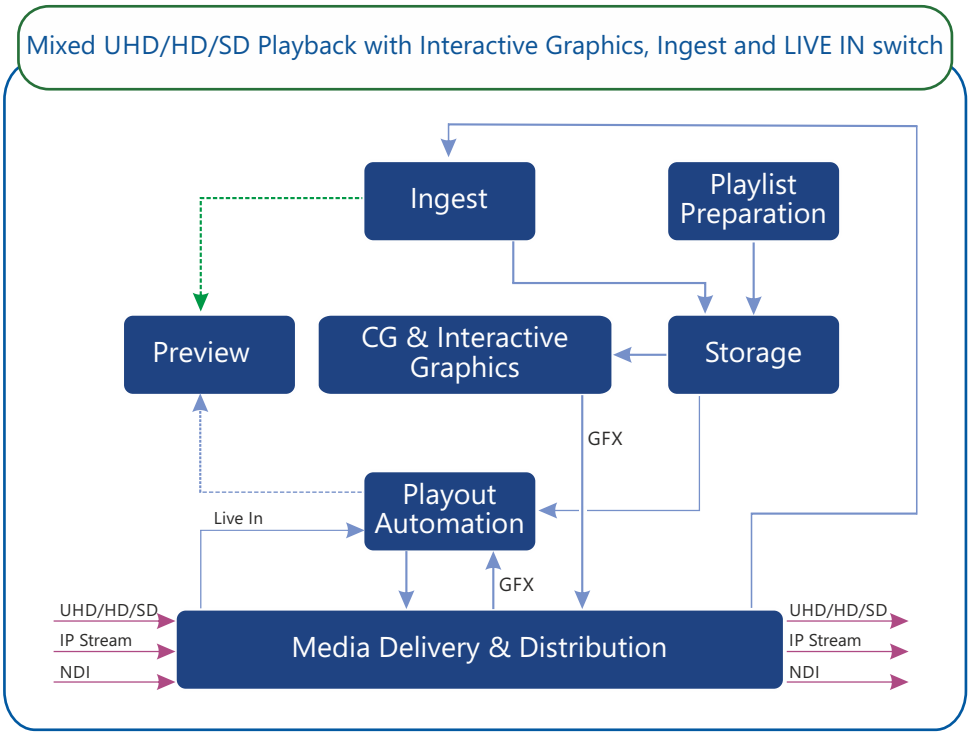
TitleBox Neo is a fully interactive 4k UHD/HD/SD Character Generator, suitable for broadcast & cable TVs, info channels for hotels, schools, corporations, retail businesses, shopping malls, churches, airports, holiday resorts, theme parks, etc.

Ingest | Multichannel Ingest

Ingest 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. It allows users to control multiple ingest channels, spread on multiple servers from a single web user interface.

Media Gateway | Live Media Delivery and Distribution

Media Gateway is a live media delivery and distribution solution, based on the PlayBox Neo Suite platform. It allows the entire process of playout routing and decoding to be performed in software.



About PlayBox Neo

Building on 26 years of successful innovation, PlayBox Neo Ltd. 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.

PlayBox Neo products and solutions power over 20,000 playout and branding channels worldwide.

Fully scalable, modular, open and available on as hardware or as a service, PlayBox Neo solutions are customer-oriented, easy to commission, logical to operate and highly robust. PlayBox Neo Suite is a professional media platform that enables centralized control, monitoring and administration of a multimedia workflow. PlayBox Neo Suite is a multi-user, multi-server environment that offers an enhanced user experience in a highly cost-effective package. Our server-centric product series is based on the PlayBox Neo Channel-in-a-Box system (AirBox Neo, TitleBox Neo, Ingest and Media Gateway). This turnkey solution integrates seamlessly with PlayBox Neo Suite to optimize your investment and enable a unified interface for future updates.

Our mission at PlayBox Neo is to help individuals, organizations and businesses throughout the world realize their full potential.

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