MEGA ICX

Virtual Integrated Playout from PlayBox Technology
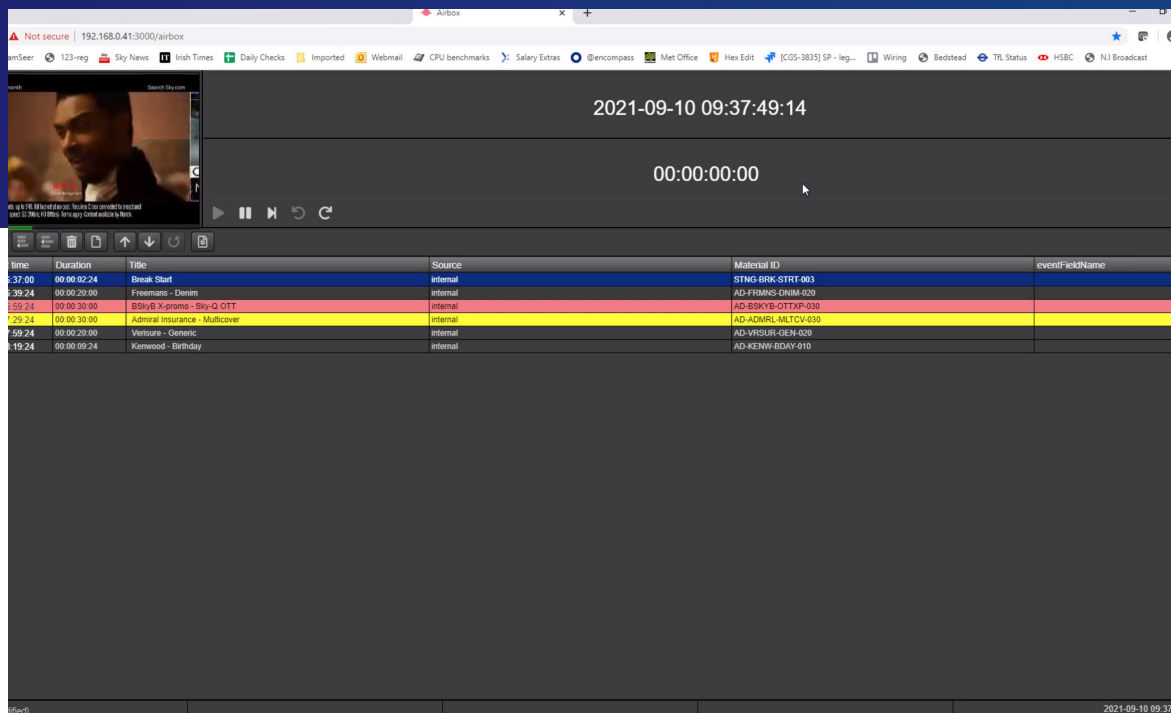
PlayBox Technology UK

Brookmans Park Teleport,
Great North Road,
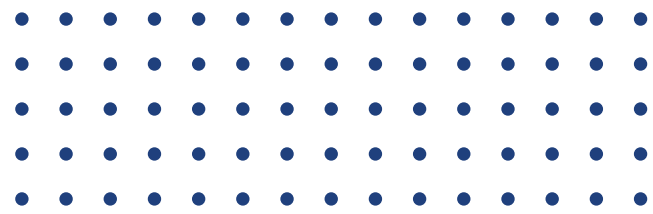Hatfield AL9 6NE, United Kingdom

www.playboxtechnology.com

Product Overview

Mega ICX is PlayBox Technology's newest hybrid or cloud-enabled schedule-based playout engine. Designed from the ground up to drive playout in a modular and complete virtual ecosystem, Mega ICX features a user-friendly control interface that allows you to effectively manage all of the components required for channel origination. With a secure web-based user interface, Mega ICX supports user operations and inputs from anywhere at any time.

Benefits

MEGA ICX has been designed with the end user in mind. We're proud to offer a range of key benefits that make both financial and operational sense.

Flexible & Scalable

Our brand new modular architecture enables MEGA ICX to evolve with your company.

Cost-effective

Mega ICX offers a low cost of ownership, quick commissioning and effortless scalability.

Reliable

MEGA ICX safeguards revenue streams with operational stability and redundancy.

Ease of use

MEGA ICX presents a streamlined, web-based user interface for easy operation.
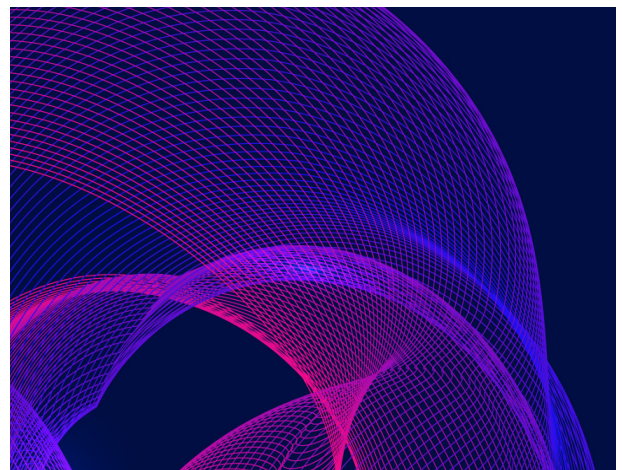
MEGA ICX

Broadcast automation is no longer exclusively focused on channel playout. It also concerns content management and delivery. The broadcasters and media companies of today must be equipped to deliver their content in a simple and effective manner, regardless of the distribution mechanism. PlayBox Technology's Mega ICX platform is the next-level content playout workflow automation system from the #1 leading Channel in a Box manufacturer.

PlayBox Technology's broadcast automation solutions have been rigorously tried and tested across the world for over 15 years. Since 2004, the company has been designing and delivering innovative products for broadcasters of all shapes and sizes. Mega ICX is a versatile playout platform for content management and distribution, combining the benefits of virtual asset management with the efficiency of automated operations.

Features

- SOA scalable distributed architecture
- Utilizes cloud-native services (e.g. AWS) to increase resilience and scalability
- Control of Mega integrated audio, video, and graphics functionality
- Unified, intuitive web-based user interfaces for faster functional flexibility
- Hybrid IP/SDI content management and playout solution
- Scalable modular solution designed to provide a tailored fit for all installations
- Channel overview page provides a high-level overview of all channels
- Built-in asset management and workflow tools
- Easy-to-navigate clip management and channel workspaces, including advanced secondary event
- Vertical timeline
- Hybrid IP / SDI content management

- and playout solution
- Geo-dispersed playout operations
- Unified centralized channel management
- Playout with digital asset management capabilities
- Linear channel playback
- Monitor by exception
- Web-based applications

Specifications

Video Input IP / MPEG transport stream

· SMPTE ST 2110, 2022-2 2022-6, 2022-7
· SRT · RTMP ·HD SDI ·H265, ·H264 ·MPEG2
· Single channel input HD

Video Output IP / MPEG transport stream

· SMPTE ST 2110, 2022-6, 2022-7
· Up to 4-Channels output available
· SRT · RTMP ·HD SDI ·H265, ·H264 ·MPEG2

Video Formats

· (2K) 2048 x 1080p 23.98, 24, 25, 29.97, 30, 50*, 59.94*, 60*
· (2K) 2048 x 1080PsF 23.98, 24, 25, 29.97, 30
· (HD) 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
· (HD) 1080PsF 23.98, 24, 25, 29.97, 30
· (HD) 1080i 50, 59.94
· (HD) 720P 50, 59.94, 60
· (SD) 625i 50
· (SD) 525i 59.94

*SMPTE ST 2110 only Note: High Frame Rate capabilities

Audio Input IP

· Up to 16-Channel embedded audio (SMPTE 2022-6, 2022-7 HD SDI)
· 24-bit per channel,
· 48 kHz synchronous

Audio Output IP

· Up to 16-Channel embedded audio, 24-bit per channel, 48 kHz synchronous
· SCTE 104/35 generation for commercial insertion
· SCTE-104 Decoder for Digital Program/ Commercial Insertion

PLAYBOX
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