M2A CONNECT

A flexible and scalable stream hub
M2A Connect allows video streams to be acquired, aggregated, transformed and distributed through a simple console or API control.

Acquisition

Simplifying and enriching live channel and event acquisition

M2A Connect allows Content Owners, Broadcasters and Streamers to schedule and control cloud resources for the acquisition of live video for playout, or even delayed as-live.

Video streams are acquired in the source region through a range of offered media gateways with M2A's orchestration layer ensuring that the required AWS resources are readied, enabled and deactivated according to schedule logic.

The contribution path handles video streams at broadcast grade and beyond, with multiple audio tracks, closed captions and triggers for ad insertion.

Source streams can be set up and entitlement-enabled through the M2A console or via the M2A API, with transport and event-level monitoring and alerting offered in real time.

M2A Media

ZIXI, RIST,
RTP + FEC
RTMP

M2A
CONNECT

AGGREGATE

SCHEDULE

CONTROL

MONITOR

ALERT
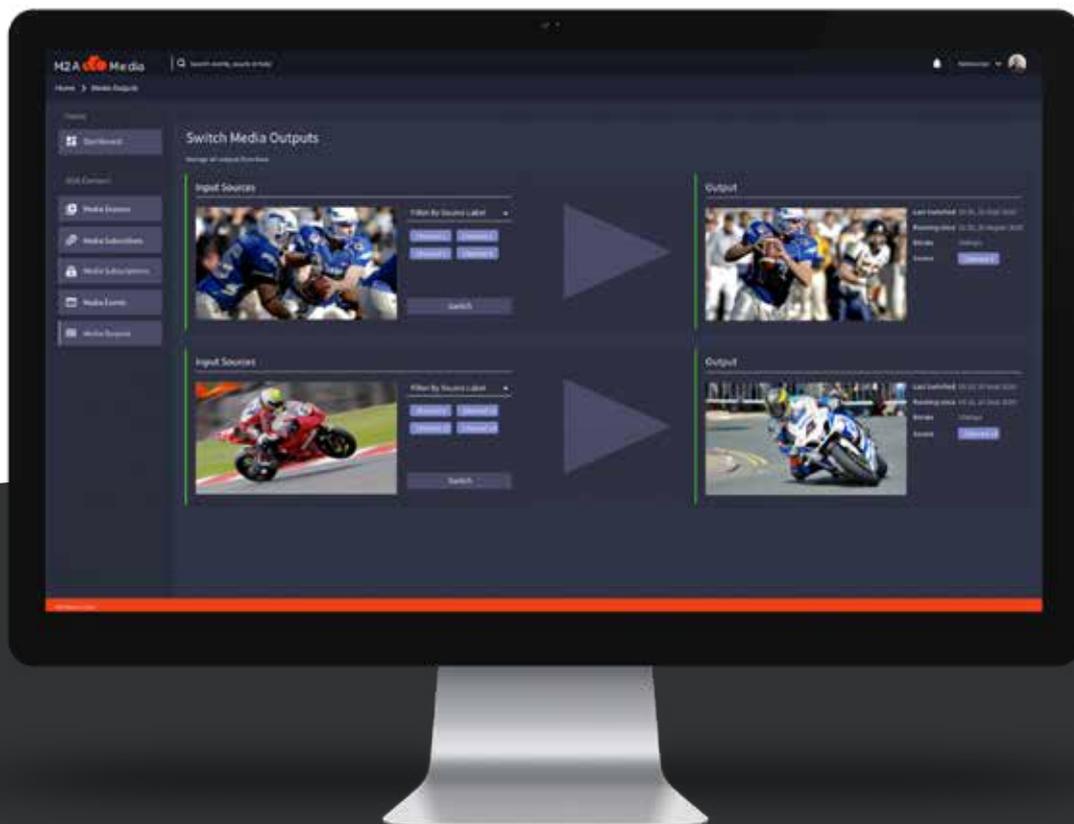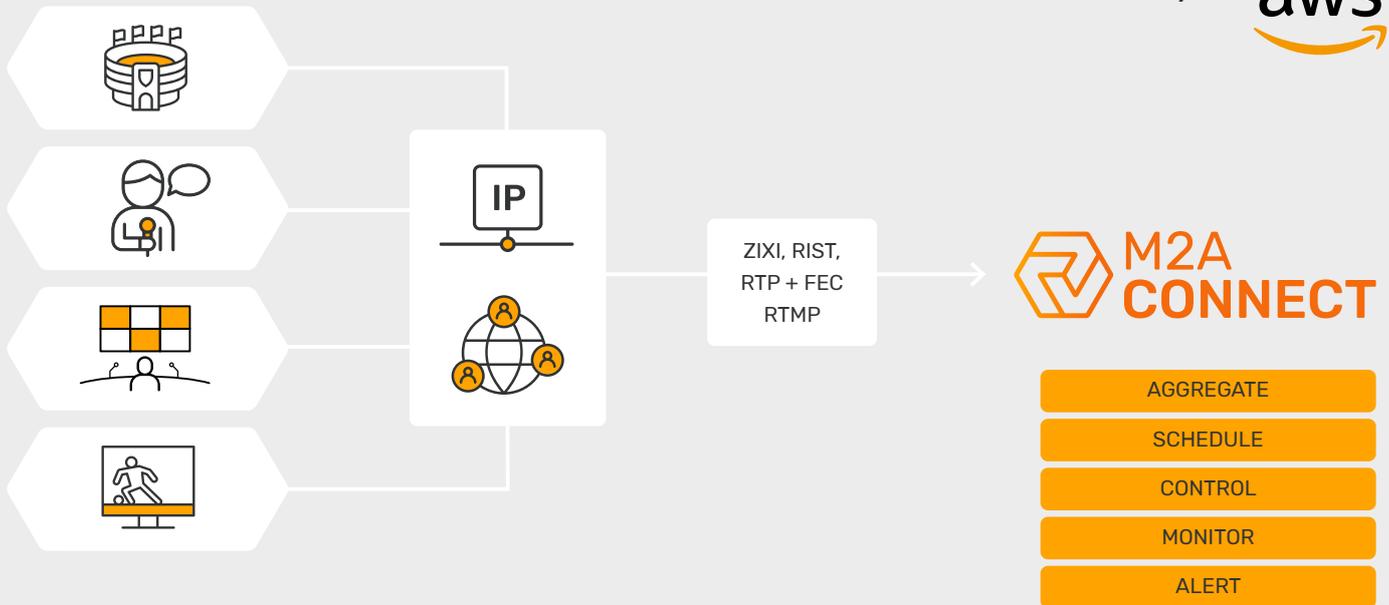
Key Features

› Scheduled automation of AWS resource allocation and management for live video

› Scalable resilience

› Simple and secure management of stream allocation

› Scheduled events view of video sources

› SD to 4K workflows

› End-to-end encryption and key management features

› RESTful API or web-based console control

› Metadata tagging to enable entitlement

› Content insertion

› Scheduled file creation for VOD

› Integration with M2A Live and M2A VOD

› Proxy view of streams

Operations & Monitoring

› Advanced real-time metrics for alerting

› SCTE diagnostics

› TS Probing

› 24/7 Operations and Engineering

› Scaleable availability through N+m and multi-region resilience

Input Formats

› AWS Link (AVC and HEVC up to 1080p)

› RTP + FEC

› RTMP via Elemental MediaLive

› Zixi Push/Pull

› AVC and HEVC Medium and High Profiles 1080p up to 100Mbps

› HEVC 4K up to 30Mbps

› SRT

› RIST

› HLS

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M2A Media

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