M2A CONNECT

Flexible and scalable, M2A CONNECT allows video streams to be acquired, aggregated, transformed and distributed through a simple console or using our API.

Acquisition

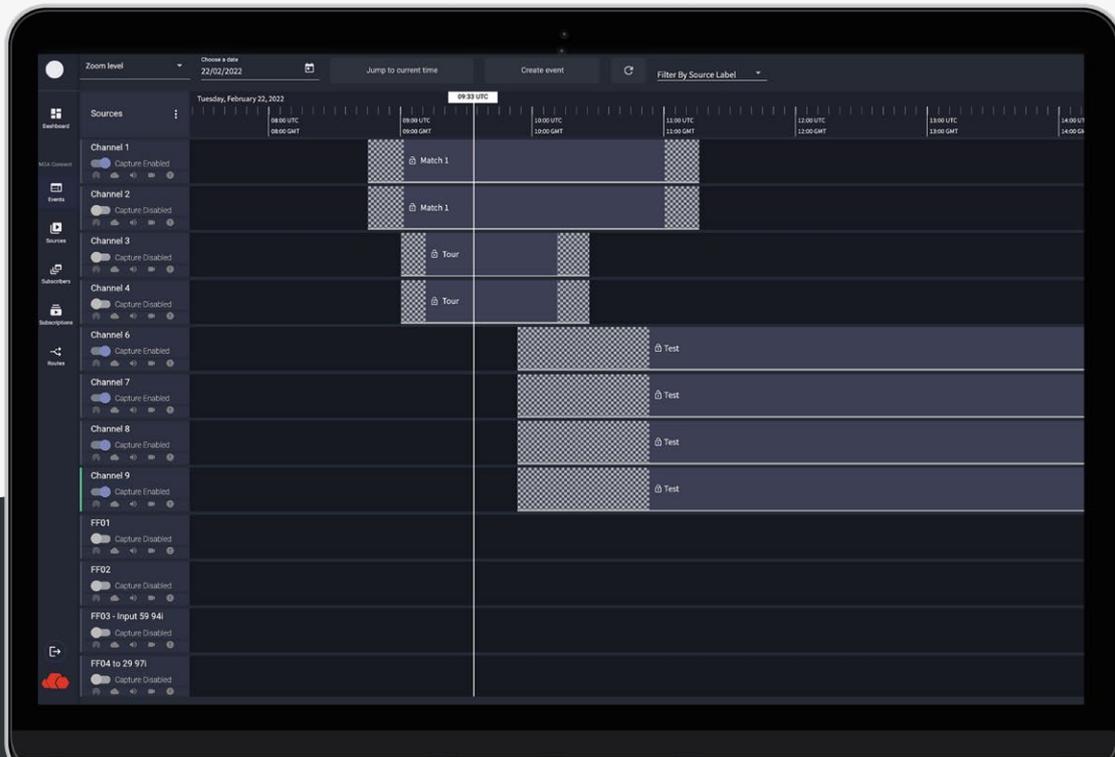### Simplifying and enriching live channel and event acquisition

M2A CONNECT allows Content Owners, Broadcasters and Streamers to schedule and control cloud resources for the acquisition of live video for playout, delayed as-live video or use in downstream cloud workflows.
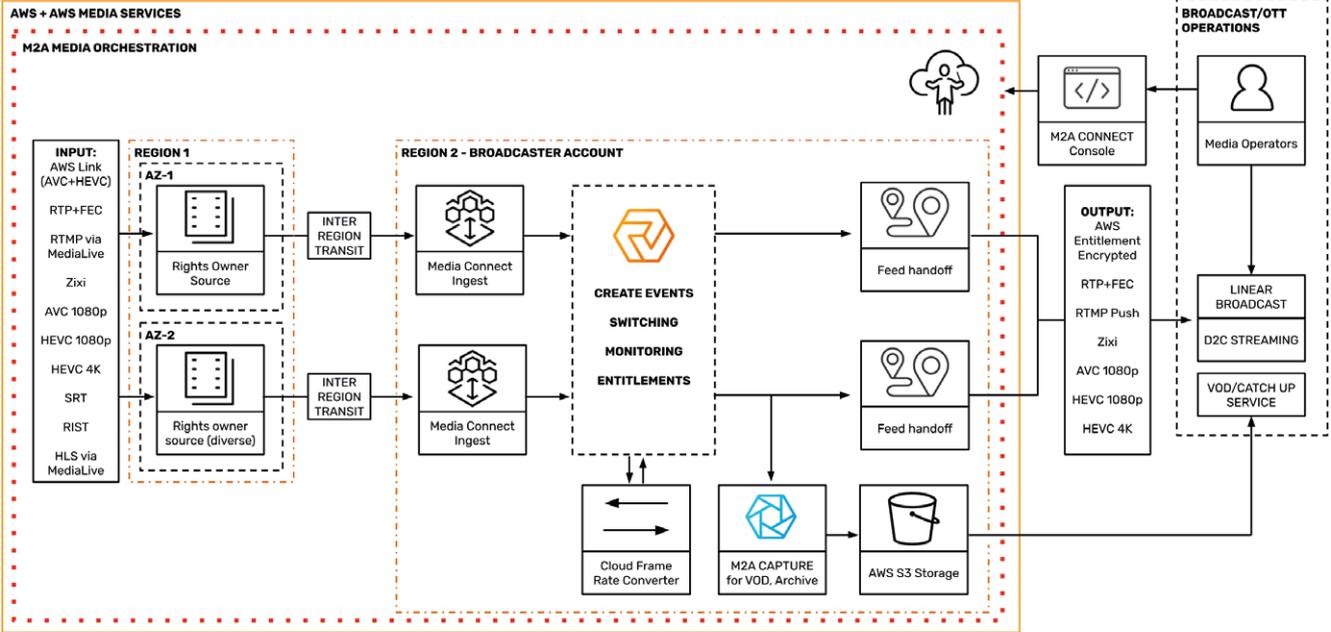
Video streams are acquired in the source region through a range of media gateways with M2A Media's orchestration layer ensuring that the required AWS resources are readied, enabled and deactivated according to schedule logic.

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 entitlements enabled through the M2A Console or via the M2A Media API, with transport and event-level monitoring and alerting offered in real time.

M2A Media

AWS + AWS MEDIA SERVICES

M2A MEDIA ORCHESTRATION

BROADCAST/OTT OPERATIONS

INPUT:
AWS Link (AVC+HEVC)
RTP+FEC
RTMP via MediaLive
Zixi
AVC 1080p
HEVC 1080p
HEVC 4K
SRT
RIST
HLS via MediaLive

REGION 1
AZ-1 — Rights Owner Source
AZ-2 — Rights owner source (diverse)

INTER REGION TRANSIT

REGION 2 - BROADCASTER ACCOUNT
Media Connect Ingest
Media Connect Ingest

CREATE EVENTS
SWITCHING
MONITORING
ENTITLEMENTS

Cloud Frame Rate Converter
M2A CAPTURE for VOD, Archive
AWS S3 Storage

Feed handoff
Feed handoff

OUTPUT:
AWS Entitlement Encrypted
RTP+FEC
RTMP Push
Zixi
AVC 1080p
HEVC 1080p
HEVC 4K

M2A CONNECT Console
Media Operators

LINEAR BROADCAST
D2C STREAMING
VOD/CATCH UP SERVICE

CONTROL VIA M2A CONSOLE OR API · 24x7 M2A OPERATIONS SUPPORT

Key Features

- › Web-based console or RESTful API control
- › Scheduled automation of AWS resource allocation and management for live video
- › Scheduled events view of video services
- › Scalable resilience
- › SD to 4K workflows
- › Proxy view of streams
- › Streamlined routing and switching function with easily configurable output destinations
- › Simple and secure management of stream allocation
- › End-to-end encryption and key management features
- › Metadata tagging to enable entitlement Content insertion
- › One click output to AWS S3 Storage with M2A CAPTURE built in
- › Integration with M2A LIVE and M2A VOD

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 AWS MediaLive
- › SRT
- › RIST
- › HLS
- › Zixi
- › AVC and HEVC Medium & High Profiles 1080p up to 100 Mbps
- › HEVC 4K up to 30 Mbps

Commercials │ No upfront charges │ Tiered usage packages available including unlimited use

M2A Media

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