

ELEVATE YOUR OTT SERVICES WITH ALTITUDE STREAM TV.

Altitude Stream TV is a globally deployed, cloud-native service that takes the pain out of aggregating, encoding and packaging content for streaming and OTT platforms.

ALTITUDE STREAMING TV BENEFITS



GLOBAL REACH

Offers exclusive access to premium content. Acquiring content at the highest quality from satellite, cable and playout centers directly into Altitude Media Cloud.



RAPID DEPLOYMENT

Powerful cloud-native service. Instantly scalable, software-based encoding and packaging allows for accelerated spin up/spin down of new streams.



FORMAT & ENCRYPTION SUPPORT

Supports all common formats and encryption standards. Delivers high-quality streams securely to CDNs for streaming platforms to consume in any region.



FLEXIBLE CAPACITY & REVENUE PROTECTION

Provides **dynamic solutions** to cover major events and allows **increased resiliency** on demand to protect high-value tournaments and season openers.

Altitude Stream TV aggregates video services from satellite, cable and playout centres worldwide into Encompass' private media cloud. We holistically manage your services from onboarding new streams to 24/7 monitoring, reducing complexity. Powerful ABR encoding, JIT packaging and encryption are deployed securely in geo redundant cloud regions, allowing services to be added and removed rapidly in-line with rights agreements to meet your deadlines.

CLOUD NATIVE

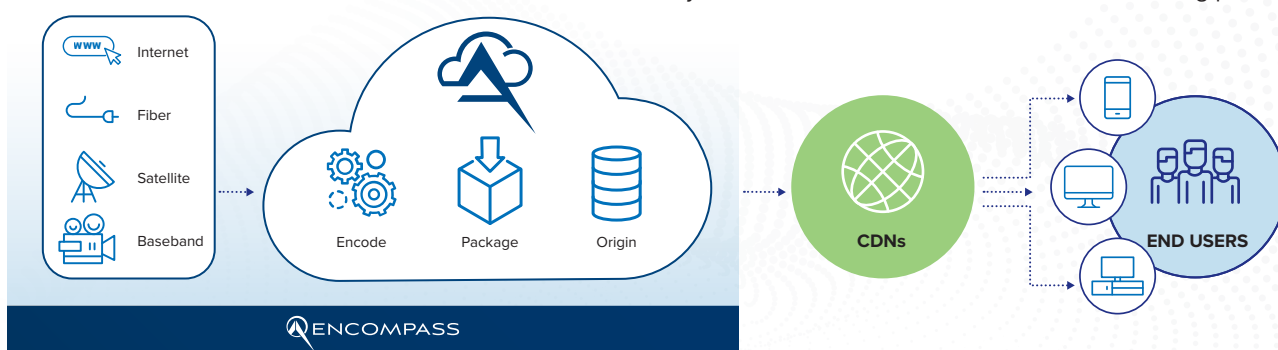
Altitude Media Cloud powers Encompass' cloud-native services. Altitude is a scalable and flexible processing platform designed to support the most demanding media applications. The platform is built for broadcast, providing customers with on-demand and commitment-based pricing options and industry-defining SLAs.

ONBOARDING

Encompass manages the process of onboarding your services from aggregating signals and ensuring technical standards, all the way up to the launch – leaving you to focus on acquiring new rights, providing first-class user experience and growing the business.

MANAGED SERVICE

Altitude Stream TV is a fully managed service monitored from our 24/7 network operations center, ensuring maximum uptime. In addition, you have direct visibility of your streams within a secure customer monitoring portal.



ALTITUDE STREAM TV

TECHNICAL SPECIFICATIONS

- **Cloud Native:** Designed cloud first with ABR encoding, packaging, encryption, origin and cache service templates deployable in any Altitude region, reducing service start-up or configuration change duration
- **International Aggregation:** With 8 facilities on 4 continents; 140+ ground antennas; 34,000 route miles of dedicated fiber; and origination of 1,500+ services, Encompass is uniquely positioned to acquire and process channels for streaming platforms
- **Acquisition:** Channels can be downlinked from satellite, acquired from fiber or via the internet, supporting common protocols, including SRT, RIST and Zixi, plus direct baseband access to the thousands of services Encompass operates on behalf of broadcasters
- **Managed & Monitored Services:** Full-time services managed and monitored 24/7 in network operations centers based in our facilities with powerful quality management tools and real-time reporting, ensuring all streams adhere to strict standards and deliver the highest uptime
- **Customer Monitoring Portal:** See how your streams are performing with our customer monitoring portal with web-based monitor wall and 72hrs compliance recordings as standard.
- **Geo Redundancy:** All Altitude stream services are deployed in at least 2 diverse Altitude regions by default, ensuring maximum uptime
- **Software-based Adaptive Bitrate (ABR) Encoding:** Capable of high bitrate ladders of mixed SD, HD and UHD resolutions and frame rates up to 60P
- **Just-in-Time (JIT) Packaging:** HLS, MPEG-DASH and Microsoft Smooth Streaming (MSS)
- **Encryption:** Fairplay, Widevine and PlayReady (V4.0+), supporting CPIX protocol
- **Closed Captioning & Subtitling Support:** WebVTT, IMSC1 embedded CC and TTML
- **Origin Services:** Flexible manifest manipulation to tailor streams to devices and platforms, plus CDN shield and peering with tier one CDNs
- **DVR Window:** Optionally add with our origin services from a few minutes to days allowing viewers to rewind on demand
- **Server-side Ad Insertion (SSAI):** SCTE-35 insertion and optional support of Ad Insertion technologies and partners.
- **Live 2 VOD Support:** Optional workflows to harvest live segments for processing with Cloud VOD

SIMPLIFIED STREAMING

PROVEN

Be confident with our battle-tested packaging and encryption standards support that is in daily use, delivering to the world's largest platforms.

SECURE

Be safe with the knowledge that Encompass securely operates your services. We also support CPIX protocol, ensuring your encryption is rotated and up to date.

INTEGRATED

Be future proof with Altitude Media Cloud service. You can easily add individual options, including DVR window or ad insertion or pair it with another Altitude service such as playout and archive.

MONITORING AS A SERVICE



ALTITUDE STREAM TV



ALTITUDE DR



ALTITUDE ARCHIVE



ALTITUDE VOD



ALTITUDE PLAYOUT



ALTITUDE CONNECT

ALTITUDE MEDIA CLOUD

How can we help? Want to learn more about Altitude Stream TV? Contact marketing@encompass.tv