



TITAN Live

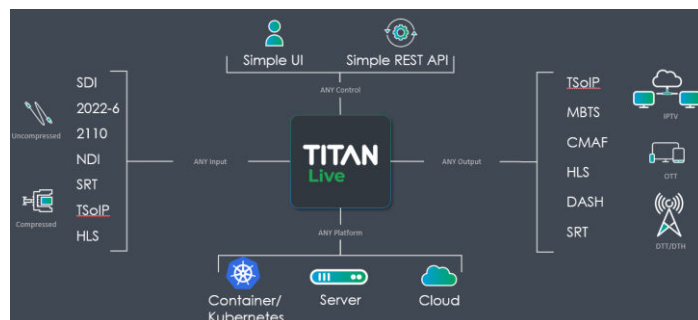
SOFTWARE-BASED LIVE VIDEO COMPRESSION FOR THE CONVERGED HEADEND

TITAN Live is a high-quality and high-density video processing solution designed for cable, DTH, DTT, IPTV, and OTT live delivery of SD, HD, and UHD content. Featuring cutting-edge technology, TITAN Live can ingest any channel to simultaneously produce multiple streams in real time and deliver live video compression for the converged headend.

Based on the 5th generation of the Ateame compression engine, TITAN Live delivers the highest video quality at minimum bitrates, allowing significant savings on the infrastructure and ensuring premium Quality of Experience for viewers.

A pure software solution, TITAN Live is virtualizable and CPU and hardware agnostic, allowing deployments on and off premises from an appliance-like installation on bare metal to a docker orchestrated cloud-native solution.

Complemented with TITAN Mux and PILOT Manager, TITAN Live comes with a complete and advanced feature set, a powerful web interface and an extensive set of APIs to easily integrate within any open ecosystem.



Key Features

- High video quality — high density
- Pure software solution, state-of-the-art hardware support (Intel, AMD)
- Infrastructure agnostic (appliance to cloud)
- Mobile to UHD resolutions
- HEVC, AV1, SHVC, H.264, MPEG-2, JPEG 2000, JPEG XS
- AAC LC/HE/HEv2, DD/DD+/DD+JOC, AC-4, MPEG-H, MPEG-1 LII
- Dolby Vision, HDR10, HLG, SL-HDR1/2, HDR10+, ST2094
- Low-latency mode
- Channel branding and ad insertion
- Optimized statistical multiplexing
- Forensic/Audience watermarking
- Advanced packaging (CMAF, DASH, HLS, ATSC 3.0, DRM)
- Wide input support enabling full IP transition (SDI, TS, ST2022-6, ST2110, NDI)
- Flexible redundancy scheme 1+1, N+1, N+M

Value-Added Benefits



High QoE for Reduced Churn Rate

Strengthen your offer with premium video quality and an innovation-driven roadmap, so you can rapidly adopt next-generation technologies in a fast, changing market.



Reduced Total Cost of Ownership

Reduce your OpEx with the simplicity and flexibility of our all-in-one solution for the converged headend. Save on your infrastructure with the unmatched compression efficiency of TITAN Live.



Future-Proof & Scalable

Implement your workflow today and pave the way for tomorrow with a future-proof and scalable cloud-ready software solution and its advanced feature set.