

Video Transcoding Software

CDS Powered by TITAN File

Hitachi-Comark provides high performance, award winning television transmitters and encoding solutions that are backed by more than 45 years of leadership in broadcast technologies.

File-Based Video Transcoding

CDS Powered by TITAN File is a pure software solution for file-based video transcoding. It provides users with multi-codec and multi-format transcoding capabilities. It is a pure hardware agnostic, CPU based solution that supports multiple output formats including MPEG2, H.264, HEVC, JPEG 2000, and Apple® ProRes.

Powerful encoding algorithms provide the highest Video Quality (VQ) at minimum bit rates and fast speed with up to 10x real-time processing. CDS Powered by TITAN File provides output processing into mezzanine files or any STB and ABR VOD OTT file / bundles. And this solution includes a simple migration path to ATSC 3.0 including UHD, HDR, HFR, and Dolby® AC-4 audio.

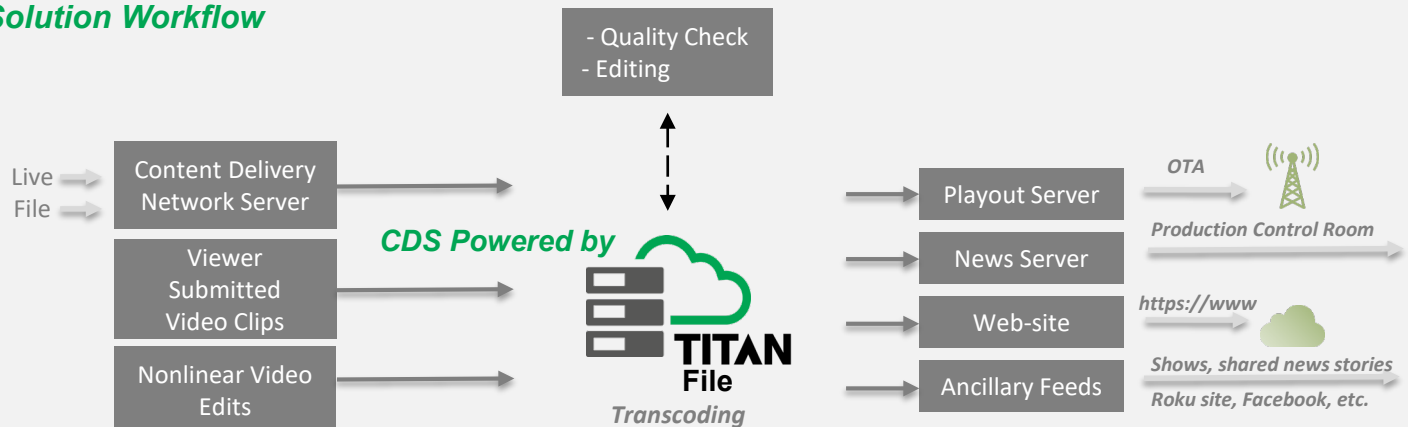


Simple Installation & Integration

CDS Powered by TITAN File is easy to install, configure, and integrate into existing workflows. The package can be integrated with Conditional Access, Digital Rights Management (DRM), digital Ad insertion, and forensic watermarking. The package includes 24x7 automation and workflow capabilities such as:

- Open API for integration into Media Asset Management systems
- Intelligent watch folder for file aggregation
- Network supervision of multiple servers forming a transcoding farm
- Deployed on-premises server, enterprise farm or in the cloud
- Flexible license engagement to minimize CapEx

Solution Workflow



- ▶ Flexible solution, standalone server to enterprise farm to cloud
- ▶ Upgrade path to ATSC 3.0 including UHD, HDR, HFR, AC-4

- ▶ Premium audio with loudness correction
- ▶ Closed captioning, DVB subtitle, teletext, watermarking and DRM

- ▶ Mezzanine, STB and ABR VOD, post-production, playout, and archival applications
- ▶ Easy-to-use web GUI and REST API for simple integration

Please contact your authorized Hitachi-Comark representative for ordering information.