COBALT
TRANSCODER

Workflowlabs Cobalt transcoder is a Linux-based scalable multiformat broadcast-grade transcoder. Cobalt is designed to scale from a single-node architecture for faster than real-time transcoding to a multi-node deployment for demanding workloads.

Cobalt can be integrated into a variety of media workflows as it supports multiple hot folders for input and output enabling multi-platform distribution. Cobalt supports all major broadcast formats and codecs and is a proven solution over a variety of workloads.
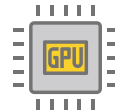
Automated workflows
Rules creation engine for automated workflows

Scalable
Multi-node cluster for parallel processing for large workloads

GPU Acceleration
Upto 2x faster transcoding with GPU based encoding

Broadcast Quality
High quality encoding guaranteed

- Web-based rule assignment engine with regex support for excluding and including file types for transcoding
- Realtime job progress tracking with detailed status reports
- Up and down conversions are automatically handled
- Optional REST API for third-party integrations to submit encoding jobs
- Runs on generic COTS servers

Supported Video Codecs

MPEG-1/2, H.265, H.264, XAVC, XDCAM HD , DV, DVCPRO

Supported formats

AVI, MKV MOV, MP4 and MXF

Supported Audio Codecs

AAC, AIFF, Dolby Digital, MPEG Audio Layer-3, MPEG Audio Stream, Ogg Vorbis Files, Wave and Windows Media Audio

Minimum server specifications

Intel Xeon 8C/12T
16GB DDR4 RAM
100GB SSD HDD
Linux Ubuntu 20.04 OS
1Gbps Network adapter

Workflowlabs

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