

BATON® with ColorFront Transcoder

BATON's integration with ColorFront Transcoder enables content readiness of the transcoded content thereby leveraging the benefits of on-demand speedy and cost-effective content delivery to varied formats.

File-based digital media has changed the way media is delivered across end user devices, thus raising the potential for **content monetization** and **operational efficiencies**. Operational efficiency can improve when content quality is assured despite multiple transformations across various stages of the content lifecycle.

All the conversions and transformations leading up to media delivery make it an imperative for broadcasters to maintain the end user content quality. Therefore, media validation needs to be automated using an intelligent and flexible environment that can process huge volumes of data in an accurate and consistent manner.

BATON

BATON, industry's leading enterprise-class automated file-based QC solution is used by major broadcasters, post-production houses, IPTV, satellite and archiving companies for its thorough list of quality checks and enterprise-wide scalability.

BATON has been deployed in production use by global media companies of all sizes. BATON supports a wide range of media formats and offers comprehensive quality checks, including extensive subtitles and CC verification, audio language identification, PSE correction, loudness detection and correction. BATON's powerful Media Player for frame-accurate review, rich QC analytics and smart workflow tools are the best in class in the industry.

Solution Overview

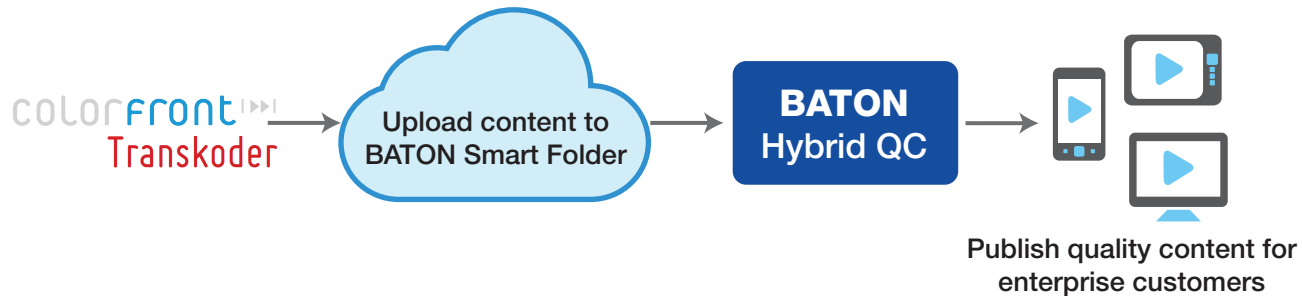
- Seamlessly automates QC workflow through Smart Folders integration
- Accelerated content uploads for quality checking
- Automate quality checks on media content and minimize manual QC
- Ensure consistency in content quality across formats, platforms

ColorFront Transcoder

ColorFront Transcoder is a DCP and IMF mastering system for digital cinema and high-end UHDTV production. Mastering content is about creating multiple tailored versions of the same content to be delivered over different platforms. ColorFront Transcoder is an excellent cost effective tool for mastering, which is based on the award winning On-set Dailies architecture. The tool aims to deliver faster-than-real-time processing to transcode, decode, convert, wrap and process files to various high-end formats.

BATON Integration with ColorFront Transcoder

Integration of BATON with ColorFront Transcoder seamlessly automates QC workflows by accelerating content uploads to BATON for quality checks. BATON ensures content readiness by executing a number of manual and automated QC checks through Smart Folders on the transcoded content. The integration provides accelerated workflows at the fastest speeds possible for transcoding media files to a wide range of formats.



BATON file-based QC solution integration with ColorFront Transcoder

BATON - Key Features

- A comprehensive ML/AI enabled QC solution, available for Windows
- Hybrid QC platform with a combination of automated & manual QC checks on content
- Supports SD, HD, UHD, 4K Mixed workflows
- Intuitive, simplified and a very user-friendly web-based user interface
- Extensive time code related checks including start TC / discontinuity / GOP / LTC, VITC and more
- Built-in Test Plans for various Standards and Workflows such as DPP, iTunes, Netflix, Cable Labs, ARD_ZDF, Ingest, Payout and more
- First QC system to support VAST formatted ads
- Supports S3, Spectrum, Azure Blob Storage AMP, Avid Interplay and Google Cloud Servers, HTTP Server, IBM Cloud Object Storage, OpenStack Swift based storage
- Rich reporting features:
 - Multi-language reports in HTML, XML, PDF, Excel and JSON
 - Reports based on analytics, timeline, content structure and thumbnails
 - Incremental reports of tasks in progress
 - Compact reports to analyze verification summary
 - Options to comment, tag, rate and compare reports
 - Configurable e-mail, HTTP alerts including SNMP
- Supports user management & access control
- Comprehensive solution for task scheduling & monitoring
- Support for SOAP, XML-RPC, and REST APIs
- Efficient integration with media servers, transcoders, MAM archiving and workflow solutions through its easy to use web-services based APIs
- Scalable architecture for expansion of the BATON set up as QC needs grow

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