

BATON® with AWS Elemental Server

BATON's integration with AWS Elemental Server enables video providers to reliably deliver premium live and on-demand content to consumers by leveraging cloud technology with the utmost efficiency, speed, and cost savings.

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 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

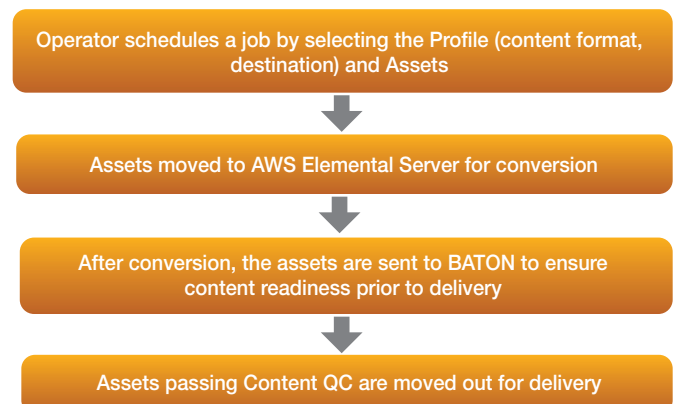
- BATON file-based QC solution leveraging AWS Elemental conversion, video management and delivery capabilities
- Automate quality checks on media content and minimize manual QC
- Ensure consistency in content quality across formats, platforms

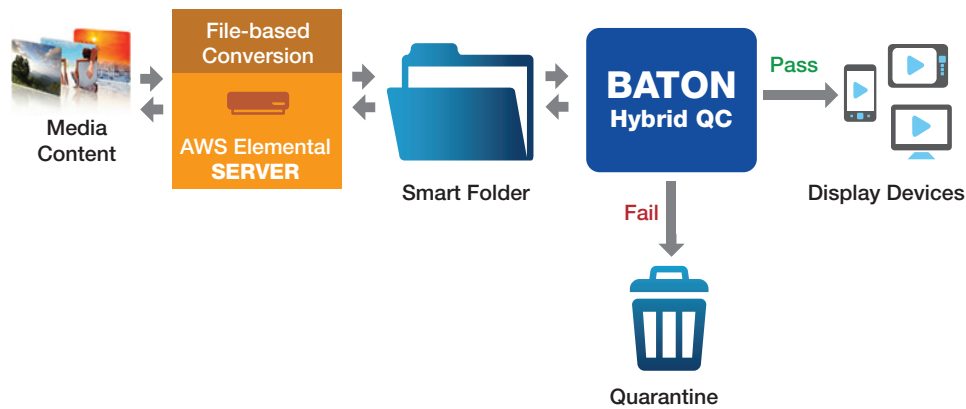
AWS Elemental Server

AWS Elemental Server provides a wide range of software solution that makes it possible to convert video inputs into on-demand assets and adaptive bitrate output for multiscreen content delivery, regardless of how it is created, distributed or viewed. AWS Elemental server uses intelligent utilization of multiple encoding resources, regardless of the platform. It is completely task and service-oriented solution, it can allocate resources and simplify the process of selecting the right encoding methods and platform based on the operator's priorities for deployment speed, video quality and output.

BATON Integration with Elemental Server

To ensure content readiness, Interra's BATON is integrated with AWS Elemental Server. This integration benefits in delivering high quality videos that are consistent across media outlets, such as playout, VOD, mobile and web video.





BATON file-based QC solution integration with AWS Elemental Server

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:
 - o Multi-language reports in HTML, XML, PDF, Excel and JSON
 - o Reports based on analytics, timeline, content structure and thumbnails
 - o Incremental reports of tasks in progress
 - o Compact reports to analyze verification summary
 - o Options to comment, tag, rate and compare reports
 - o 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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