

BATON® with Aspera Orchestrator

BATON file-based QC solution is now integrated with Aspera's Orchestrator. This provides customers with a high-performance file transfer environment using intuitive visual workflow for ingesting, processing and distributing large volumes of file-based content.

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

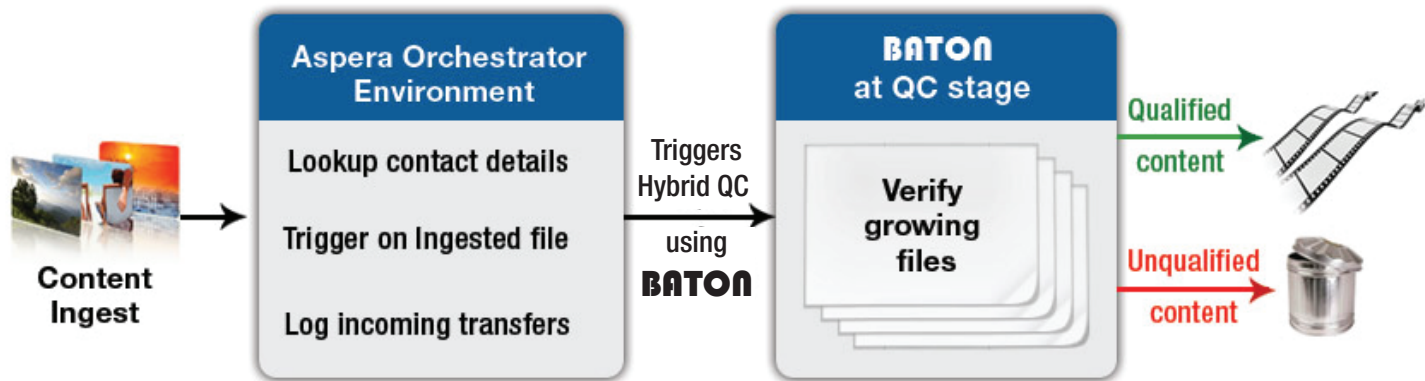
- **Efficient Content QC:** BATON-Aspera Orchestrator provides QC automation & Content Readiness using easy to use graphical interface
- **Supports Growing File Verification:** Content gets verified while being transferred with Growing File Verification
- **Effective Resource Utilization:** Ensure effective use of resources by avoiding unnecessary transfers of unqualified content

Aspera

Aspera's Orchestrator is a web-based application and an SDK platform that is used to visually compose workflow sequences of inputs, actions, and outputs quickly and efficiently. Based on its patented fasp™ protocol, Aspera software fully utilizes existing infrastructures to deliver the fast and predictable file transfer experience. Aspera's core technology delivers unprecedented control over bandwidth, complete security and uncompromising reliability.

BATON Integration with Aspera Orchestrator

The integration of Orchestrator with BATON accelerates file-based workflows at various critical points. The integration leverages high-performance file transfer using BATON APIs. BATON, when integrated with Orchestrator, provides QC at every stage of the workflow. BATON takes a significant role in connecting and automating QC and delivery processes, thereby providing customers with greater control over critical stages in the content lifecycle with more cost-effective operations. Orchestrator routes the files to be – quality controlled by BATON and then depending on the results of the QC, it relocates the files to the required destination.



BATON file-based QC solution integration with Aspera Orchestrator

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, Playout 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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