

## BATON® with Aspera

**BATON file-based QC solution is now integrated with Aspera's File Transfer Solutions. This integration allows customers leverage the power of file based work-flows across global infrastructures.**

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 QC:** BATON-Aspera provides Automation & Content Readiness with WAN efficiency
- **Supports Growing File Verification:** Get content verified as it is being transferred with Growing File Verification
- **Effective Resource Utilization:** Ensure effective use of resources by avoiding unnecessary transfers of unqualified content

### Aspera

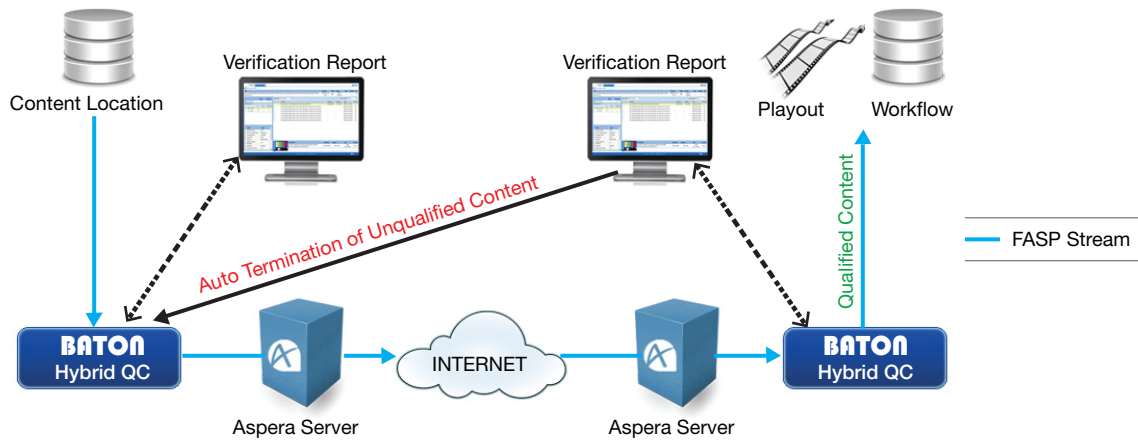
**Aspera** is the creator of next-generation transport technologies that move the world's digital assets at maximum speed regardless of file size, transfer distance and network conditions. Based on its patented fasp™ protocol, Aspera software fully utilizes existing infrastructures to deliver the fast & predictable file transfer experience. Aspera's core technology delivers unprecedented control over bandwidth, complete security and uncompromising reliability.

Aspera offers a distance-independent dynamic file transfer solutions, using fasp™, a patented transport protocol. It allows customers to move digital content, securely and reliably, at maximum speed over any IP network.

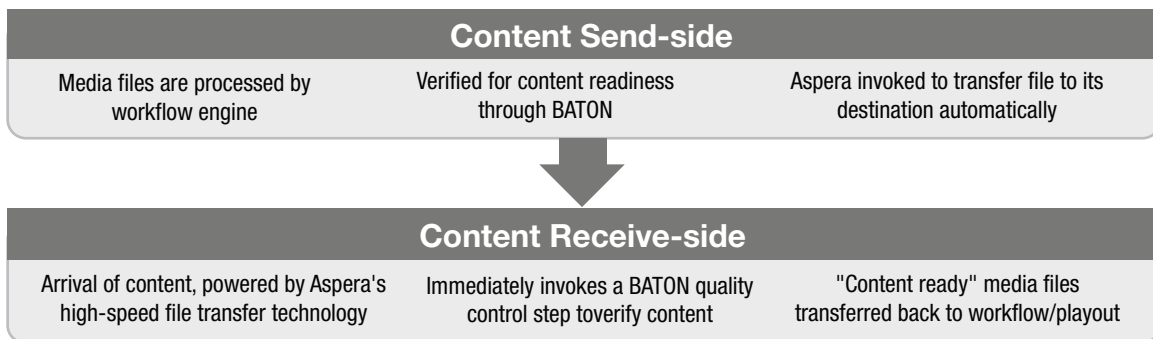
### BATON Integration with Aspera

The integration of Aspera's file transfer technology with BATON expedites file-based work-flows across several critical points. BATON helps in connecting and automating QC and delivery processes, providing customers with greater control over critical stages in the content lifecycle and cost-effective operations.

An enhancement in the integration provides the ability to verify content quality even as it is growing in size as a result of a transfer (local or halfway around the world). Therefore, files are verified as they are being transferred with termination of transfer in case of critical errors – thereby saving precious network bandwidth.



## BATON file-based QC solution integration with Aspera's Automated File Transfer Solution based on the patented fasp™ protocol



### 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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