

BATON® with Google Cloud Platform

Google provides a cloud-based platform for BATON to run in a virtual environment. BATON is also integrated with Google Cloud Storage (GCS) to provide easy access to the media content on cloud platform.

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.

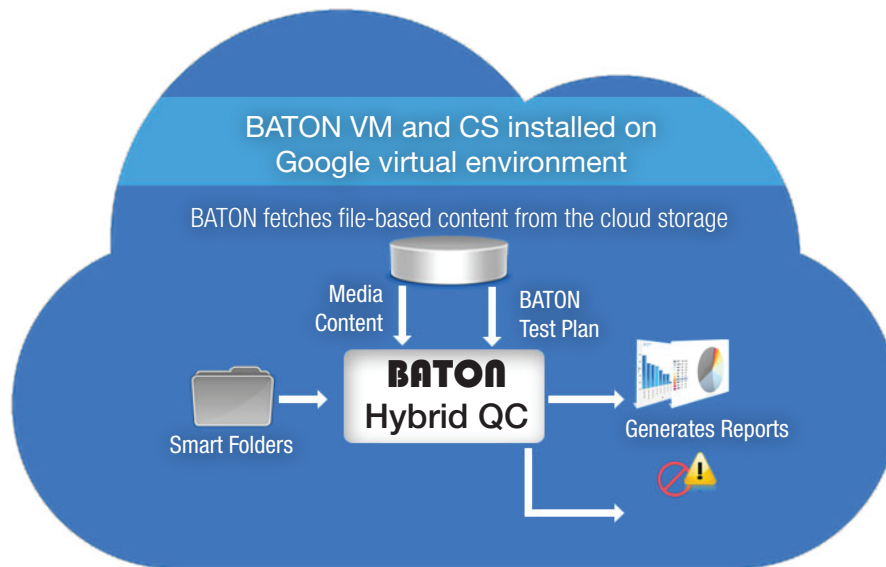
BATON has been deployed in production use by global media companies of all sizes. BATON supports a wide range of media formats and offers comprehensive quality checks, including extensive subtitles and CC verification, audio language identification, PSE correction, loudness detection and correction. 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

- BATON-Google cloud platform ensures automation, flexibility and scalability of the content QC process
- Reduces dependence on physical machines
- Easy access to the Google cloud storage
- Support of HTTPS to access BATON user interface and API
- Support for accessing files from S3 over HTTPS (SSL)

BATON Integration with Google Cloud Platform

BATON's cloud integration requires BATON application to be deployed in Google cloud platform. BATON is also integrated with Google cloud storage to provide seamless access to the file-based content stored on the cloud platform. BATON performs various QC tasks on the transcoded media content against pre-configured checks defined in Test Plan(s) and ensures content readiness across the workflow through its integration with Google cloud platform.



BATON file-based QC solution integration with Google Cloud Platform

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:
 - 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

Interra Systems, Inc.

1601 S. De Anza Boulevard, Suite 212,
Cupertino, CA 95014

Toll Free no.: (1-877) BATONis (1-877-228-6647) • Phone: +1 408 579 2000

Email: baton_info@interrasystems.com • www.interrasystems.com

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