

## BATON® with Azure

Microsoft's Azure provides a cloud based platform for BATON to run in a virtual environment. BATON's seamless installation on Azure cloud ensures automation, flexibility and scalability of the content QC process.

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.

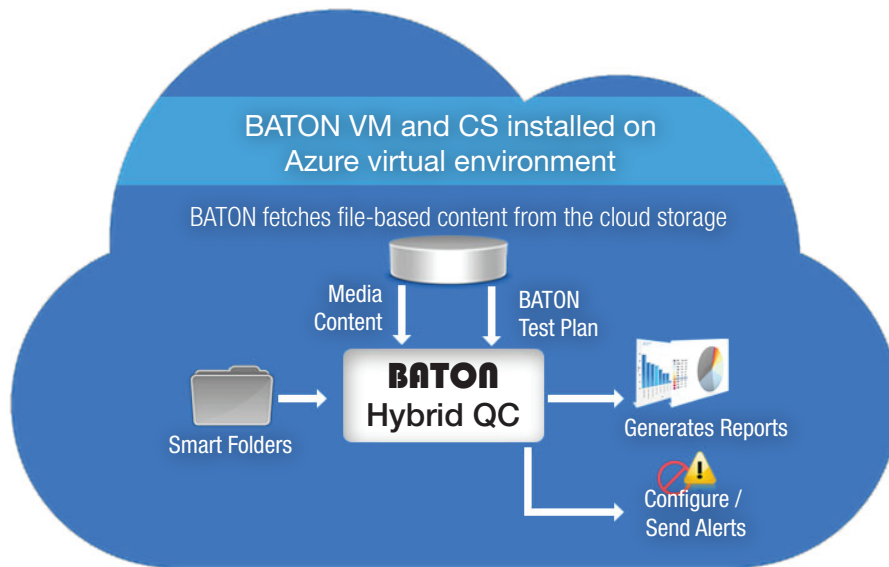
BATON has been deployed in production use by global media companies of all sizes. BATON supports a wide range of media formats and offers comprehensive quality checks, including extensive subtitles and CC verification, audio language identification, PSE correction, loudness detection and correction.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

- **Easy Content Access:** BATON deployment in Azure platform provides easy access to content of the cloud
- **Reduced Machine Dependency:** Using virtual machines created in Azure cloud, the machine dependency has been reduced.
- **Flexibility and Scalability:** Provides flexibility and scalability in QC process
- **HTTPS Support:**
  - Support of HTTPS to access BATON user interface and API
  - Support for accessing files from S3 over HTTPS (SSL)

### BATON Integration with Azure

BATON's cloud integration with Azure requires BATON application to be deployed in Azure cloud platform. Working with BATON on Azure cloud is quite smooth and seamless. BATON components can be installed over virtual machines created in Azure Cloud. BATON fetches the files over the cloud and runs them against pre-configured checks defined in Test Plan(s). It ensures content readiness across all the stages of workflow through its deployment in Azure Cloud platform. Additionally, BATON supports Azure blob storage, which is also referred to as object storage. BATON users building infrastructure in Azure platform can QC media files stored in Azure blob storage.



## BATOM file-based QC solution integration with Azure Cloud Platform

### BATOM - 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 BATOM set up as QC needs grow

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

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

Email: [baton\\_info@interrasystems.com](mailto:baton_info@interrasystems.com) • [www.interrasystems.com](http://www.interrasystems.com)