

BATON® with Hiscale's JOBS

Integration of BATON and Hiscale's JOBS provides an ideal automated solution for complex workflow management. It easily manages the entire video processing infrastructure by automating the video file ingestion, analysis, and delivery process. The integration result is a highly cost-effective and scalable solution for broadcast and media customers.

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.

Solution Overview

- **Easy deployment:** Content automatically passed through QC workflows across any deployment using the Docker technology - on premises / in the cloud / hybrid environment
- **Scalable and flexible solution:** Provides cost-effective and scalable solutions to meet performance demands in business. It is an ideal solution for complex workflows, which automates the QC process of huge volumes of data in an accurate and consistent manner
- **Automated analysis and management:** Connects, manages and monitors file processing in automated and optimized end-to-end workflows with metadata-based rules

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.

Hiscale's JOBS

Hiscale's JOBS video workflow platform is a media file workflow engine. It is developed to simplify and manage the complexities of multi-vendor, integrated environments. JOBS meets the demands of the integrated and complex media IT ecosystems of the modern businesses. From ingest to distribution, JOBS connects, manages and monitors file processing in automated and optimized end-to-end workflows. With built-in integrations to common applications for QC, transcode, and notifications, JOBS is a flexible and powerful video workflow toolbox. Most of the leading broadcast and media customers worldwide deploy JOBS on-premise, in a preferred cloud platform or in a hybrid environment.

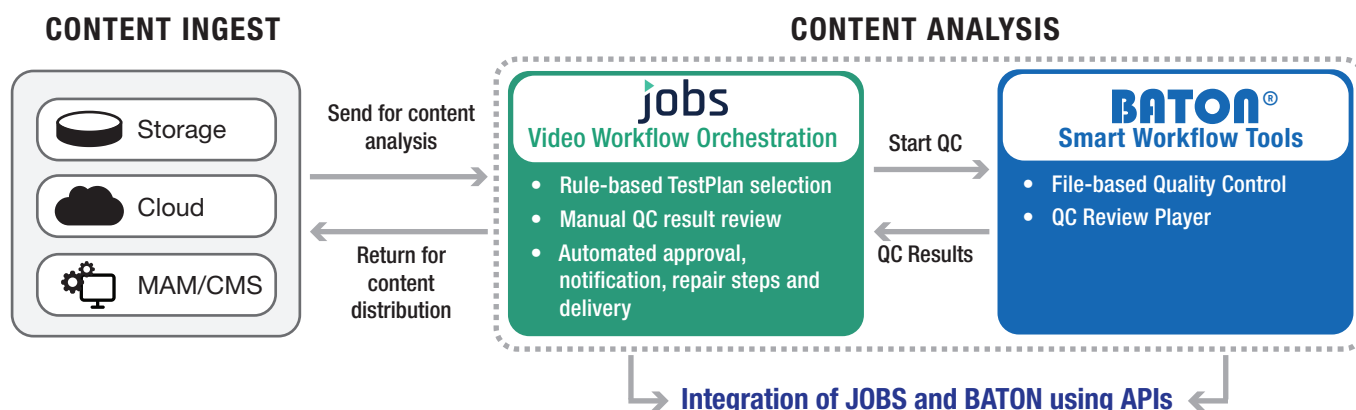
BATON Integration with JOBS

BATON integration with Hiscale's JOBS provides a fully automate QC workflows with integrated manual review cycles and also connects other third-party systems to automated QC pipelines.

The integration is based on API calls, where JOBS sends API calls to BATON server and establishes a valid connection. After this media content residing in the cloud or on-premises, is submitted to BATON for QC.

BATON verifies the content and returns the verification reports. These reports are used to create sophisticated rules for handling errors- from rejecting content and sending a Slack or email to manual review processes.

BATON's player application enables viewing the parts of the content identified by the test-plan and chooses the way to continue the JOBS workflow. In short, the combined solution provides a highly cost-effective and scalable solution for broadcasters and media houses.



BATON integration with Hiscale's JOBS

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

Hiscale's JOBS - Key Features

- A flexible video workflow platform to orchestrate media workflows
- Platform independent, state-of-the-art technology with Docker deployment
- Ready-to-use integrations to common broadcast systems including Hiscale FLICS, Harmonic WFS & ProMedia Carbon, Telestream Vantage, Dalet Amberfin, Colorfront Transcoder, Minnetonka ATS, IBM Aspera, Interra BATON
- Highly customizable to fit your current and future orchestration needs with BPMN workflow editor for rule-based process control, manual user interactions, monitoring dashboard, user management with LDAP and OKTA support, side-car handling, advanced queuing & error handling capabilities and more
- Easy integration into existing environments using REST API, Webhooks, Watch folders & Scheduler
- Integrates with On-Premise and Cloud infrastructures and file systems including SMB/CIFS, FTP, S3, NFS and EFS
- Ships with support for command line tasks and scripting inside of BPMN workflows and the JOBS SDK to develop your own custom integrations
- Use common tools for monitoring media workflows with notification via Webhooks, e.g. Slack or MS Teams, email and SNMP
- DevOps friendly architecture from integration, development, testing to deployment automation