

## BATON® with Envivio Muse

**BATON's integration with Envivio Muse ensures high quality VOD asset creation in the right formats for various playout devices enabling VOD service providers to efficiently record content as premium quality, on demand assets, facilitating service expansion and monetization of VOD on any screen.**

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

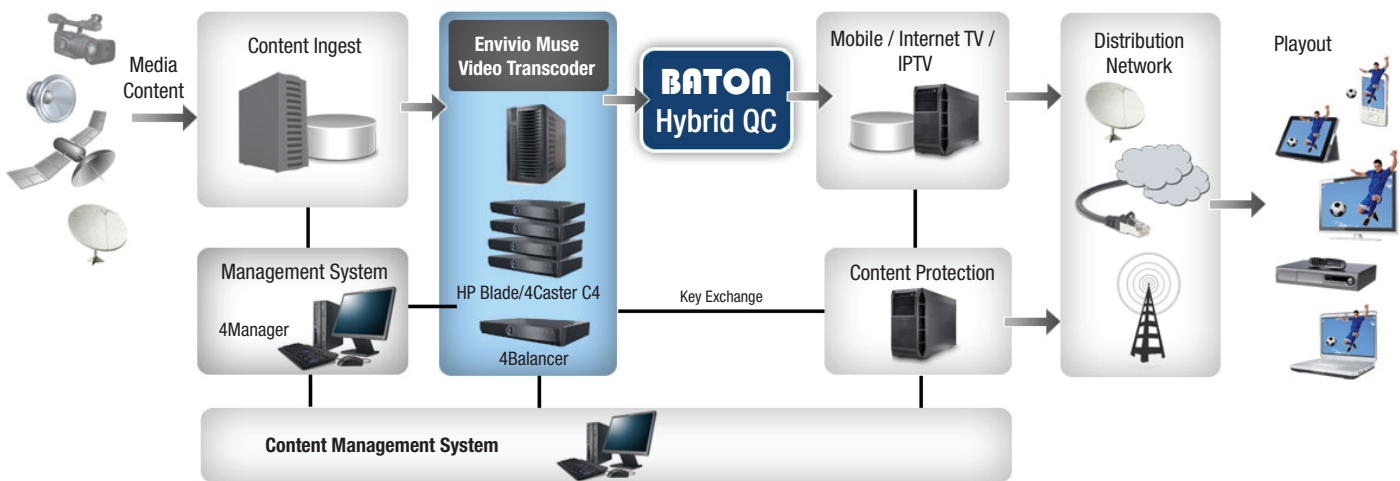
- **Seamless Automated QC:** Seamlessly automates quality checks on media content as content is encoded for on demand distribution
- **Adherence to Compliance:** Ensures content quality, formats, and standards compliance for the ever-changing media ecosystem
- **Improved Performance:** Provides increased performance over standalone QC tools and enable streamlined maintenance of the overall system

### Envivio Muse

**Envivio's Muse On-Demand** is a software-based universal transcoder that delivers best-in-class video quality, speed and bandwidth efficiency, while significantly reducing costs and accelerating time-to-market. 4Balancer, combined with Muse On-Demand, enables simultaneous processing of assets across a pool of up to 50 encoders, improving system utilization.

### BATON Integration with Envivio Muse

BATON ensures content readiness for VOD content through its integration with Envivio Muse and 4Balancer solution. This integration helps content ingested into the VOD environment to meet quality and regulatory specifications. In addition, content transcoded for different devices - including TVs, PCs, tablets, gaming systems and smartphones - is able to meet the playout specification for the various output formats.



## BATON file-based QC solution integration with Envivio Muse Solution in an On Demand workflow

### 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