

## BATON® with Mantrics

**BATON's integration with Mantrics provides an automated solution for media developers, producers and distributors to ensure content readiness before distribution.**

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 file-based QC solution leveraging Mantrics Workflow management capabilities
- Automate quality checks on media content as it moves through the stages of workflow, with automatic alerts & reporting
- Increased performance over standalone QC tools and streamlined maintenance of the overall system

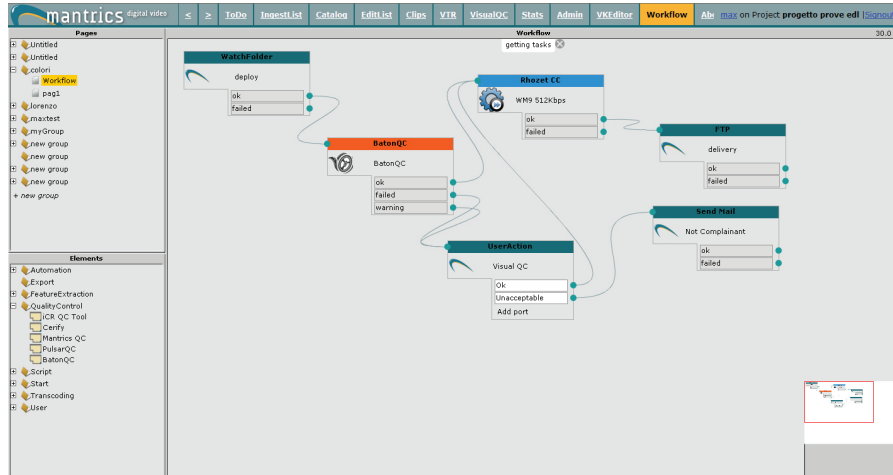
### Mantrics

**Mantrics** is a powerful Workflow Manager that works like a gear pivot, able to activate a comprehensive set of devices. It allows the management and control of the workflow, providing users with an extensive suite of tools for different production process stages.

Mantrics relies on an advanced use of XML based standards and, using a Web Service Oriented Architecture (SOA), controls a suite of proprietary and third party applications running on different hardware platforms. Those applications are able to perform complex production procedures involving different departments (e.g. production, administration and field engineering). All of these processes can take place on the Internet as well as on the company's intranet.

### BATON Integration with Mantrics

BATON ensures content readiness across a Mantrics workflow using BATON Software Agent for Mantrics. This helps customers automate their content production process to include a QC verification based on a customer defined test plan created and maintained in BATON.



## BATON file-based QC solution integration with Mantrics

### 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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