

BATON® with WDC ActiveScale

BATON file-based QC solution integration with ActiveScale assures content quality thereby ensuring scalability and flexibility of storage infrastructure.

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.

WDC ActiveScale

WDC's ActiveScale is a virtual appliance by **HGSC** that provides a full fledged storage centric solution for broadcast, OTT, streaming, and post production workflows.

Solution Overview

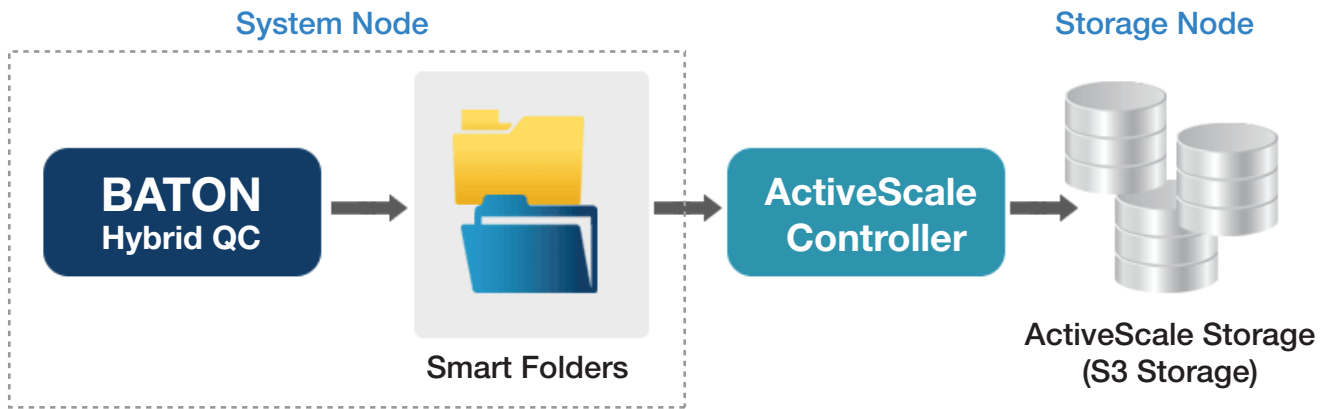
- Seamlessly automates quality checks on saved media content as it moves through the stages of workflow, with automatic alerts & reporting
- Effectively manage bulk of content in a single folder while scanning
- Ensures scalability and flexibility despite of large storage

It is a simple, easy to use data storage system that provides unique levels of accessibility, scalability, simplicity and affordability, which addresses customers' rapidly changing storage needs by delivering intelligent storage devices coupled with tightly integrated, tuned and optimized hardware. It delivers the efficiency and scale required for public and private cloud data centres to maximize solution performance. The system also ensures high level of data durability when deployed across multiple sites.

BATON Integration with WDC ActiveScale

The integration of WDC ActiveScale with BATON leverages the scalability and flexibility of the storage infrastructure. At each step of content production and storage, BATON can be tightly integrated to deliver highly parallel quality verification.

The ActiveScale virtual appliance comprises of two nodes – system and storage. The system node utilizes two virtual machines – S3 interface and Management Interface designed to simulate a physical ActiveScale system to the user. The storage node acts as main data storage. To ensure content readiness for the stored data, Interra's BATON plug-in component can be integrated in WDC ActiveScale appliance as a system node. BATON is available as management interface to the customers using ActiveScale. The S3 storage available as ActiveScale's storage node can be accessed via BATON's Smart Folders. Both, system and storage nodes communicate with each other using DHCP IP address via ActiveScale controller.



BATON file-based QC solution integration with WDC ActiveScale

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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