Aurora case study with Czech TV

Česká televize

Czech TV use Aurora file-based QC to quality control 170 hours per day of incoming media

CZECH TV, the national state broadcaster for the Czech Republic, has over 170 hours of incoming media arriving each day mainly as MXF files, with XDCAM for HD and IMX for SD. To help process this high volume of content they needed an automated quality control system.

In mid-2013 Czech TV issued an open tender for a QC system. Tektronix responded through their local reseller Traco Systems, offering an Aurora QC Solution consisting of Aurora Professional QC software with Hydra Player.

In October 2013, after an extensive evaluation, Czech TV purchased Aurora to be its QC platform. The Aurora system had proven itself to have the capability and performance that Czech TV required, Tektronix had demonstrated its ability to listen to their needs and provide a responsive service, and the commercial offer met the Czech TV budgetary requirements.

In November 2013 Czech TV went live with the Aurora QC system. Their future plans include implementing the popular Aurora integration with Telestream Vantage.

What the customer says

“Through extensive trials we have built confidence that Aurora QC provides us with the QC tests plans, the scalability, and the performance we need to manage our large volume of incoming media files.”, says Pavel Přibil, Systems Integration Engineer at Czech TV.

What the reseller says

“Traco Systems and Tektronix worked in partnership to provide a responsive service to meet our client’s needs, including high quality technical and commercial support throughout.“, says Michal Popela, Sales Director at Traco Systems (local Tektronix reseller).

What Tektronix says

“We’re delighted that Czech TV has purchased an Aurora QC Solution, enabling them to plan, analyze, review and take actions more efficiently and accurately on their 170 hours of incoming media each day”, says Eben Jenkins, Global Sales, Video Product Line,Tektronix.

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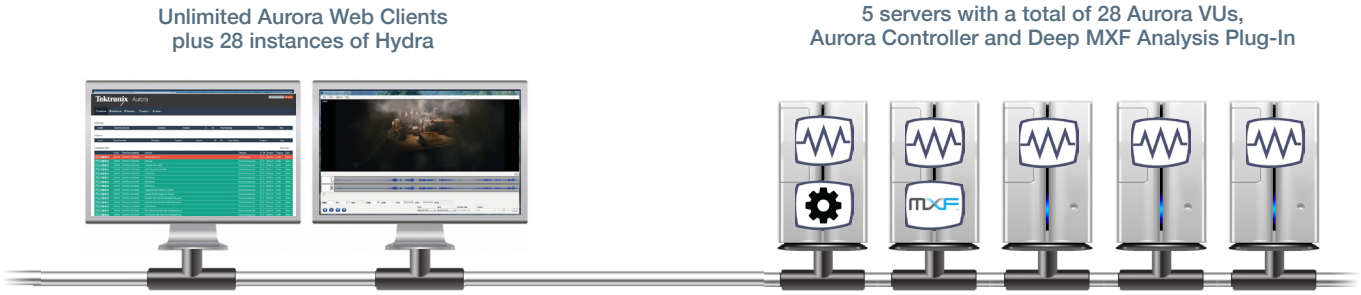
Solution Architecture and Workflow Overview



Plan: Czech TV operators use Aurora Web Clients to define custom Smart Test Plans, including actions to be taken based on operator decisions.

Analyze: Aurora Professional VU instances perform the QC analysis. Each VU analyzes one file at a time, so for multiple files to be analyzed concurrently multiple instances of VU are installed. At Czech TV three servers have 4 VUs installed, and two servers have 8 VU each, making a total of 28 VU instances. This provides the ability to analyze the 170 hours per day of content that Czech TV receives. An Aurora Deep MXF & AMWA Analysis plugin is installed on the system, enabling each VU to provide extensive KLV & RIP packet level analysis of the MXF container, as well as the ability to test MXF files against AMWA defined application specifications.

Review: Aurora Controller software supports unlimited Aurora Web Client access to the VUs, enabling Czech TV operators review the Aurora Test Reports from any machine on the network. 28 client machines have Tektronix Hydra Player software is installed, enabling Czech TV operators to simply click on a reported QC issue on the Aurora Test Report and then view the exact frame of the reported issue. They can then review the issue, scrubbing back and forth as required.

Action: Using the Hydra Review Bar the Czech TV operators rapidly move between reported QC issues and make QC decisions, including adding annotations or adding new artifacts noted during the QC process, all saved back to the Aurora XML report. The whole process reduces review time from minutes to seconds per issue.

Contact Us

For complete information and sales contacts, go to www.tektronix.com/file-based-qc.