

FORTRA

SOLUTION BRIEF (Cybersecurity)

FileCatalyst and Kyno

About FileCatalyst

FileCatalyst is an Emmy® Award winning file transfer solution designed to accelerate and manage file transfers securely and reliably. FileCatalyst is immune to the effects that latency and packet loss have on traditional file transfer methods like FTP, HTTP, or CIFS. Global organizations use FileCatalyst to solve issues related to file transfer, including content distribution, file sharing, and offsite backups. To learn more visit www.filecatalyst.com.

About Lesspain Software

Lesspain Software, based in Germany's greater Frankfurt area and Berlin, specializes in the development of tools and libraries for media professionals and offers highly specialized consulting services to key customers in the areas of video engineering, media workflows and media asset management. Their new product, Kyno, is a productivity desktop application for Mac, aimed at filmmakers, video journalists, media agencies and other video professionals.

Challenge

Organizations working with large numbers of media assets, usually in multiple formats, are faced with the challenge of organizing this data effectively and extracting it efficiently when used for projects. Creating folder structures to organize these assets is one way of managing the data, but it can become complex and time consuming.

When the time comes to find and retrieve assets for projects, searchability may be limited to only file-based metadata such as file extension, date and size. Organizations need the ability to perform content-based searches in order to maximize productivity.

Solution

The FileCatalyst Kyno plugin adds the ability to define elaborate acceptance rules for folders being monitored by FileCatalyst HotFolder. Built on top of the same technology as the award-winning media management app Kyno, the plugin makes powerful metadata extraction readily available to FileCatalyst based workflows through the HotFolder.

PRODUCT SUMMARY

KYNO

PRODUCTS

- FileCatalyst Hotfolder
- Kyno

CHALLENGES

- Transferring files matching specific content metadata
- Creating complex folder structures to sort files can become time consuming

SOLUTION

- The FileCatalyst Kyno plugin lets users use search criteria such as video/ audio codec, frame rate, scan type bitrate, resolution, duration and other metadata to define filter rules.
- The FileCatalyst Kyno plugin understands all the descriptive metadata of Kyno, greatly increasing searchability.

RESULTS

- Transfer files efficiently with expanded search queries
- Filter assets residing on different storage locations including camera media such as SD cards, local and external drives, and NAS solutions.

Operators can use criteria like video or audio codec, frame rate, scan type (interlaced/progressive), bitrate, resolution, duration, number of audio tracks and technical metadata to define filter rules. These rules can be constructed using a simple-to-use but powerful query language that includes range queries and boolean logic.

The FileCatalyst Kyno plugin understands all the descriptive metadata of Kyno. That means filter rules can combine technical metadata as described above with

Integration Benefits

- Accelerated transfer speeds - up to 10Gbps
- Seamless integration between file organization workflows (e.g. QC) with Kyno and FileCatalyst.

Examples of Queries Used with the FileCatalyst Kyno plugin:

<p>Only allow 50i, full HD XDCAM-HD-422 content in MXF</p>	<p>-----></p>	<p>frameRate:25 AND isInterlaced:true AND formatType:XDCAM_HD422 AND resolution:1920x1080 AND containerFormat:mxf</p>
<p>Only allow progressive Prores 422 HQ files of no more than one minute of duration</p>	<p>-----></p>	<p>formatType:PRORES_422_HQ AND scan Type:progressive AND duration[0s TO 1m]</p>
<p>Only allow full HD XDCAM-HD-422 content with 4 or 8 tracks of pcm audio</p>	<p>-----></p>	<p>formatType:XDCAM_HD422 AND resolution:1920x1080 AND isPCM:true AND (numAudioTracks:4 OR numAudioTracks:8)</p>



About Fortra

Fortra is a cybersecurity company like no other. We're creating a simpler, stronger future for our customers. Our trusted experts and portfolio of integrated, scalable solutions bring balance and control to organizations around the world. We're the positive changemakers and your relentless ally to provide peace of mind through every step of your cybersecurity journey. Learn more at fortra.com.