TELESTREAM

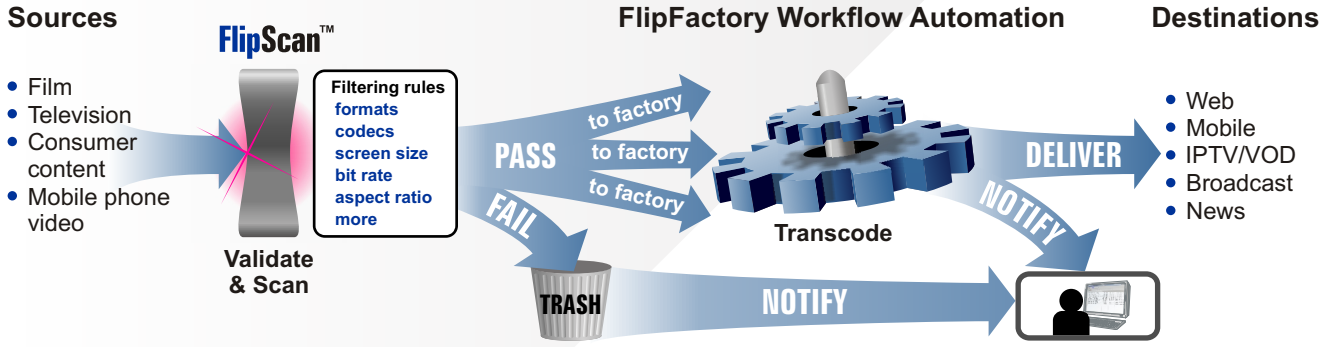
FlipScan™

Automatically scan and filter incoming video, audio & metadata

- Define filtering rules for screening source content
- Extract metadata for downstream processing
- Integrate pre-scanning and analysis into your FlipFactory workflow
- Dynamically send content to appropriate factories for processing

Today's consumers have taken control of what they want to watch, when they want to watch it, and where they want to view it. This on-demand viewing phenomenon means that content owners must quickly respond to a rapidly changing video environment – managing a variety of source material destined for multiple distribution platforms such as web, mobile, IPTV and VOD. The upside is a new and exciting opportunity for media companies to monetize their content and grow their business.

Along with this opportunity comes the challenge of how to manage, repurpose and distribute the new content. From existing film and television archives to user-generated content and mobile phone videos, the variety of source material that media businesses must manage includes the entire spectrum of video content.



The new source media challenge

Given the large number of new and legacy digital media formats and standards currently in use – combined with the fact that rich media is increasingly user-generated, comes in huge volumes and carries no quality guarantee or metadata – the ability to validate content before it is repurposed becomes essential for an efficient and cost-efficient workflow.

What FlipScan can do for you

FlipScan lets you define a set of filtering rules for processing video, audio and metadata for all major rich media formats. Define these rules to filter for nearly any situation by selecting options from a large set of parameters, including: formats, codecs, screen size, bit rate, aspect ratio – and many more.

Each incoming file is scanned and compared to this rule set and either passes or fails. If it fails, the user is automatically alerted to the failure and the reason for it. If it passes, your rules will define where the files will be directed for further processing or distribution. For example, 4x3 content might be directed to a factory that will crop and mask to 16x9 content; while content that is already in the 16x9 format will be forwarded to a different factory that maintains the 16x9 aspect ratio.

Telestream continues to build on the power of our scalable FlipFactory transcoding engine to enable you to grow your business while streamlining your operations.

FlipScan™ Integration

Extracted Data

File Format Information
- Bit rate
- Duration
- File size
- File type (e.g. 3GPP, WMV, etc)
- Number of video streams
- Number of audio streams

Descriptive Metadata
- All extension fields
- Author
- Copyright
- Description

Time-based Stream Information
- Closed captions
- Image thumbnails

General Stream Information
- Bit rate
- Codec
- Language
- Stream number

Video Stream Information
- Aspect ratio
- Frame size
- Frame rate
- Interlace format
- Pixel format
- Television standard

Audio Stream Information
- Bits per sample
- Channels
- Sample Rate

Supported File Formats

- 3GPP
- 3GPP2
- ASF
- AVI
- DV
- FLV
- MPEG-1 System Stream
- MPEG-2 Program Stream
- MPEG-2 Transport Stream
- MPEG-4
- QuickTime
- RealMedia

Supported Video Codecs

- DV25 (DVCPRO)
- H.263
- H.264
- MPEG-1 Video
- MPEG-2 Video
- MPEG-4
- MJPEGA/B
- Motion JPEG A/B
- Photo JPEG
- Real Video 5/G2/8/9
- Sorenson Video Quantizer 3
- VC-1
- VP6 Flash Video 8
- Windows Media Video 7/8/9

Supported Audio Codecs

- AAC
- AC3
- AMR
- MP2 (MPEG-1 Audio Layer II)
- MP3 (MPEG-1 Audio Layer III)
- PCM (Raw Audio)
- Windows Media Audio 7/8/9

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