

Manage File Delivery Specifications and Asset Validation in the Cloud



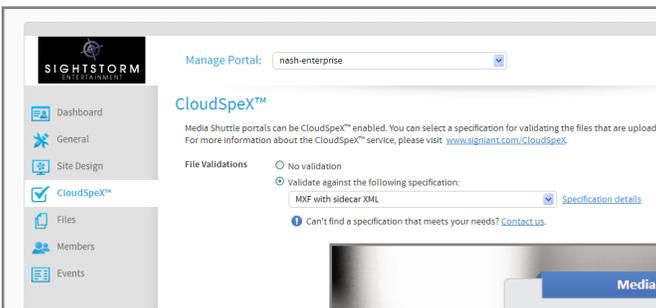
Ensure Content is in the Right Format Before It's Delivered

Available for use with Signiant's Media Shuttle™ or Signiant Managers+Agents™ file transfer software, the CloudSpeX application dramatically lowers rejection rates associated with the receipt of improperly formatted files, and helps to manage the volume and complexity of today's multiplatform delivery specifications.

Unlike other solutions that validate format compliance after the file transfer, CloudSpeX ensures that your delivery specification is enforced prior to delivery to save significant time and resources.

The patent-pending technology in CloudSpeX matches file types and metadata against a cloud-based directory of published specifications to ensure that digital assets comply with customer-defined delivery format requirements. This approach provides a uniform mechanism for automatically checking files against a chosen specification across the entire content ecosystem.

By publishing their own customized delivery specification or referencing an industry standard, such as AMWA or DPP, media enterprises can use the cloud to greatly decrease errors that can impede time to air and drive up resource costs.



Using the tools in Media Shuttle, portal administrators can easily enable/disable the CloudSpeX application for file format validation, and select from a list of predefined specifications.

Media Shuttle users can see the defined specification for the file transfer portal they are using. Users are informed in clear, simple terms if they attempt to upload and send a file that does not meet the specification.



Benefits

- Works seamlessly with Media Shuttle™ and Managers+Agents™ file transfer software
- Uniformly checks files for proper delivery format prior to transfer
- Validates both file type and file metadata against any customer-defined specification
- Instantly notifies users if files comply, providing simple validation details
- Reduces labor and bandwidth costs associated with handling non-compliant files
- Cloud-based delivery specifications can be accessed from anywhere, with immediate on-demand scaling for peak workloads.

How CloudSpeX Patented-Technology Works

- 1 Signiant administrators associate a delivery specification template with a Media Shuttle file transfer portal or automated process in Managers+Agents Automation Engine. When processing a file delivery, CloudSpeX creates a “metadata fingerprint” of the file and sends it to the cloud for validation against the delivery specification without moving the entire file.
- 2 CloudSpeX checks the fingerprint and payload of files against criteria contained in the specification before sending. Validation checks for customer-defined criteria might include a combination of:
 - External attributes of the file including the file type (e.g. .mov, .avi, .mxf etc.) and number of files.
 - Presence of certain metadata attributes (e.g. aspect ratio, video coding scheme).
- 3 CloudSpeX provides senders with easy to understand information if specifications are not met. Because CloudSpeX is delivered via the cloud, it can be accessed from anywhere, with immediate on-demand scaling for peak workloads.



A CloudSpeX component is available for Managers+Agents. This can be configured to recognize a file delivery specification as part of the workflow using Automation Engine. CloudSpeX can be integrated into a Signiant workflow, a third-party workflow or product via documented REST APIs.

Predefined File Format Specifications

For customer convenience, Signiant has published a number of basic industry format specifications. Customers may also request publication of their own custom specifications by contacting a Signiant representative.

- **Basic Film Package** - Must contain 1 MOV file, unlimited optional JPG files, and no other file types.
- **Digital Cinema Package** - Must contain 1 MXF file, 1 XML file, unlimited optional JP2 files, unlimited optional JPK files, unlimited optional JPF files, unlimited optional JPG files, unlimited optional JPEG files, unlimited optional JPX files, unlimited optional JPM files, unlimited optional MJ2 files, and no other file types.
- **MOV with Sidecar** - Must contain 1 MOV file, 1 XML file, and no other file types.
- **MPEG with Low Res Proxy** - Must contain 1 MPG file, unlimited optional WMV files, unlimited optional MOV files, unlimited optional AVI files, and no other file types.
- **MXF with Sidecar XML** - Must contain 1 MXF file, 1 XML file, and no other file types.

About Signiant

Used by the world's top content creators and distributors, Signiant is the market leader in intelligent file movement software for the media and entertainment industry. The company's powerful software suite optimizes existing enterprise network infrastructure and media technologies to ensure secure digital media exchanges, workflow efficiency and superior user experiences.



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