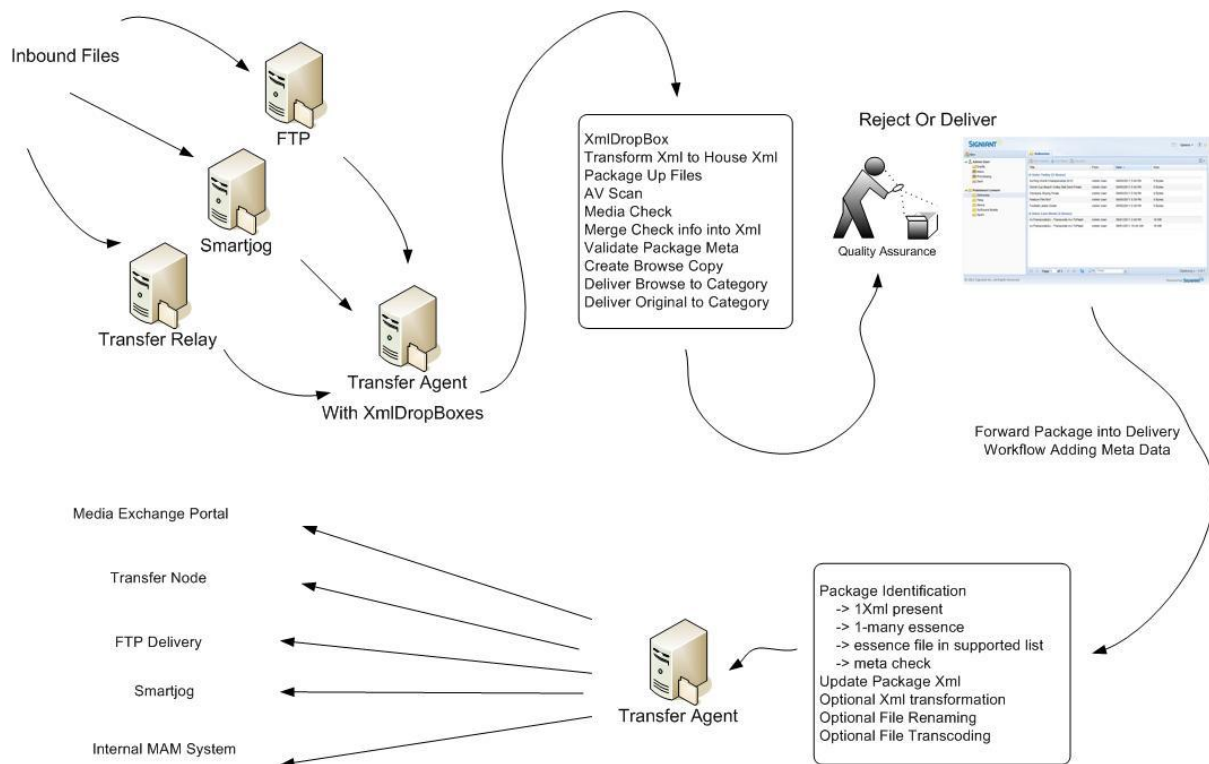


EMEA Workflow Portfolio

The following workflow solutions have been designed and/or built by the Signiant EMEA Professional Services team:

- **ProsiebenSat** – Ingest via Mx/Agent/Smartjog/Ftp, automated validation then manual validation, checking into MAM, export via Mx/Agent/Smartjog/Ftp
- **Canal Plus** - Ingest via FTP Pull/MX, media check, Agility transcoding, import into Sonaps and Avid editors
- **Chellomedia** - Ingest via Agent, movement of file bundles, Antivirus check, splitting of bundle on arrive in Lan, delivery of each piece to the right place.
- **TPC – Swiss Television** - Avid export, transcoding, Sound recording, manual steps offered via Mx GUI, delivery to Payout.
- **Red Bee Media** - File bundling of quicktime assets using Xml, Rhozet transcoding
- **Media City UK** - Avid Gateway - easy ingest and outgest of avid projects.
- **Channel Five** – High Priority DropBox with antivirus scan
- **Discovery UK** - VOD preparation with automatic adding of bumpers, logos and subtitles, and automated quality assurance check.

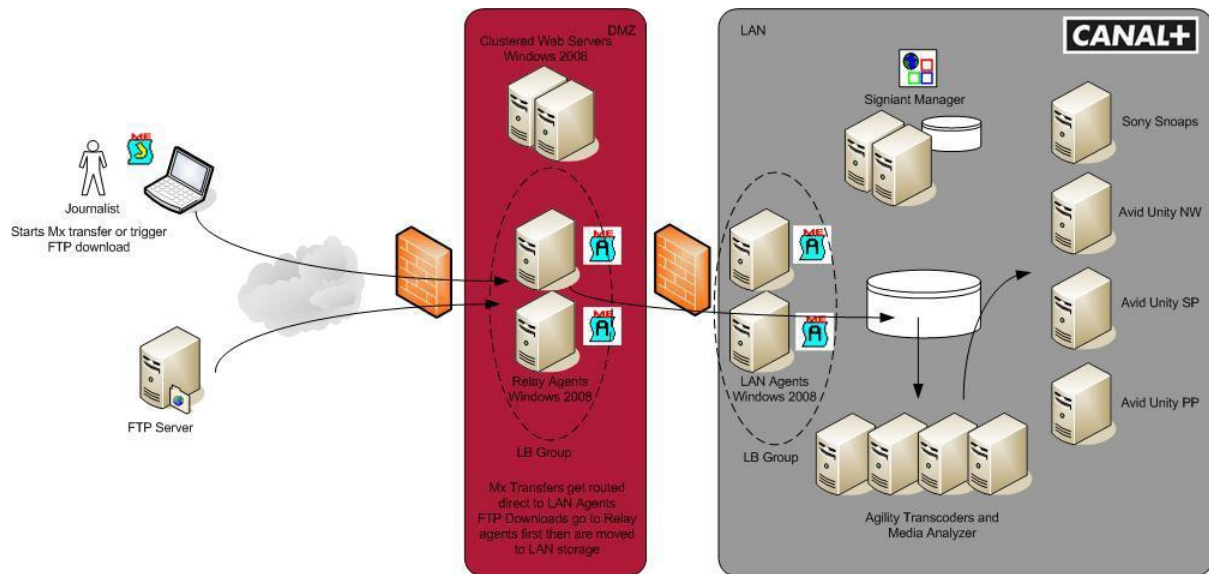
ProsiebenSat



Prosiebensat: Media Exchange Delivery System

- Receive content from various transport mechanisms
- Content scanned for viruses in a secure location
- Conversion of supplier Xml to house Xml schema using Xslt
- Media Check operation to validate files
- Metadata check to validate metadata against delivered content
- Review and Approve mechanism
- Delivery to destination via various transport mechanisms
- Generation of low res proxies
- Ability to work with proxies, keeping high res content secure
- Transport mechanisms supported include Signiant, Ftp Aspera and smartjog
- Highly redundant architecture, load balanced Transfer agents and HA Signiant manager, load balanced Web Servers
- Sandbox system for workflow development and testing

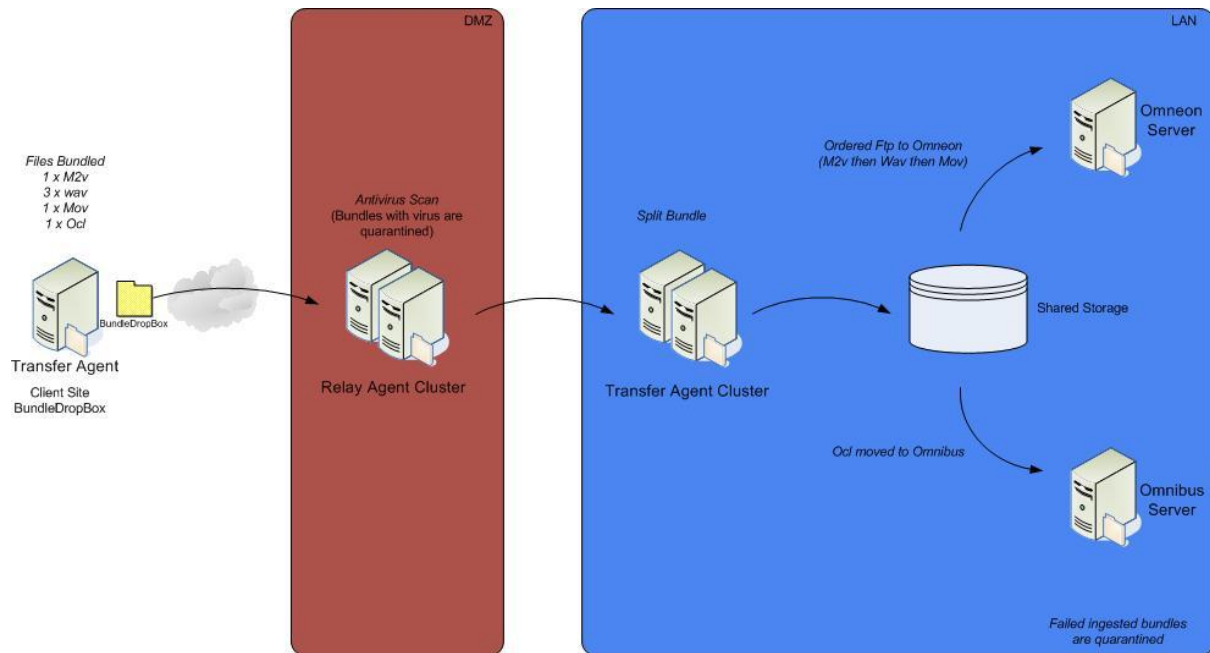
Canal Plus



Canal Plus: Media Exchange and FTP Delivery System

- Delivery system for News, Sport and Post Production departments
- Different views for end users and group admin users
- Users can initiate an FTP download remotely, with Canal Plus servers as the destination
- Users can upload local content using Media Exchange web application
- Queuing of transfer jobs, with configurable concurrency, and queue re-ordering possible
- Users can add metadata to the files, which gets added to an Xml file
- Optional manual validation step
- Files are analysed using Agility Media Analyser
- Transcode profile selected based on analysis
- Motion blur added depending on frame rate
- Metadata file created for ingest into editing system
- Ingest directly into Avid or Sonaps editing systems
- Highly redundant architecture

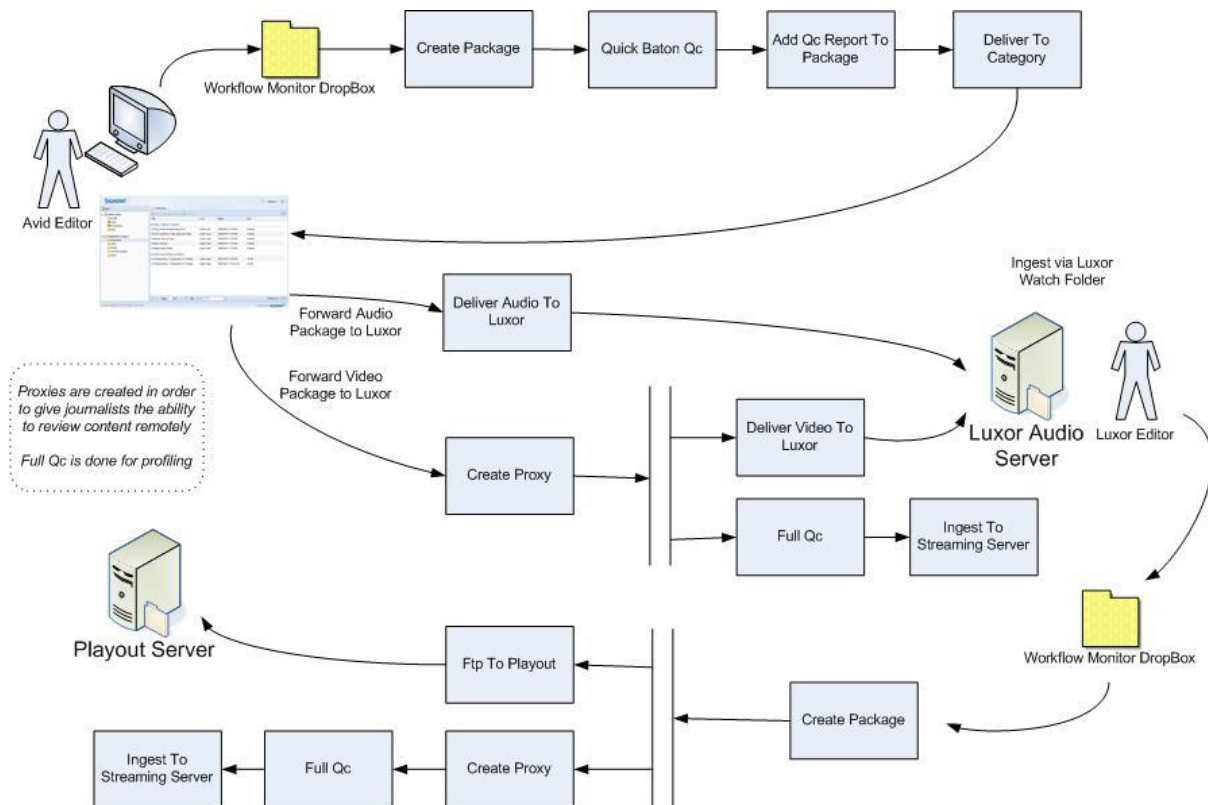
Chellomedia



Chellomedia: Remote Ingest System with file Bundling and End to End Asset Tracking

- Bundling of files on client site before transfer
- Antivirus check of files in a secure DMZ area, quarantine of infected files
- Upon arrival of the file bundle in the LAN, it is split each part delivered to different location
- Essence files are delivered to Omneon in an ordered Ftp transfer
- Ocl meta data file is ingested to Omnibus server
- Customised job summary reports that run daily

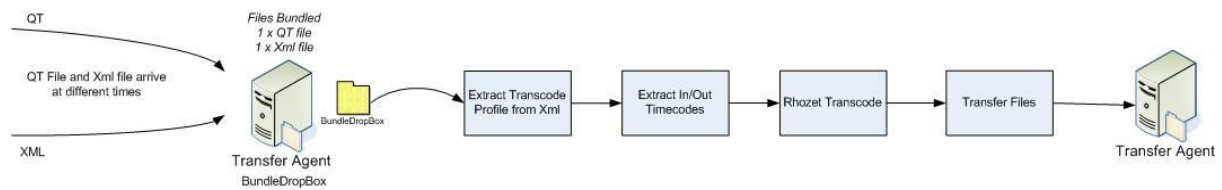
TPC – Swiss Television



TPC - Swiss Television: Avid editing, Luxor sound recording and final delivery to Playout

- Media Exchange Packages automatically created upon Avid export
- End users can interact with workflow via the Media Exchange GUI.
- Ability to Quick Qc and Full Qc using Baton
- Proxy creation and loading into Streaming Server
- Journalists can review content via streaming server
- Various manual steps are managed using Signiant Categories, by holding Packages at various stages
- Delivery of finished files to Playout Server
- Full Qc is done for profiling purposes

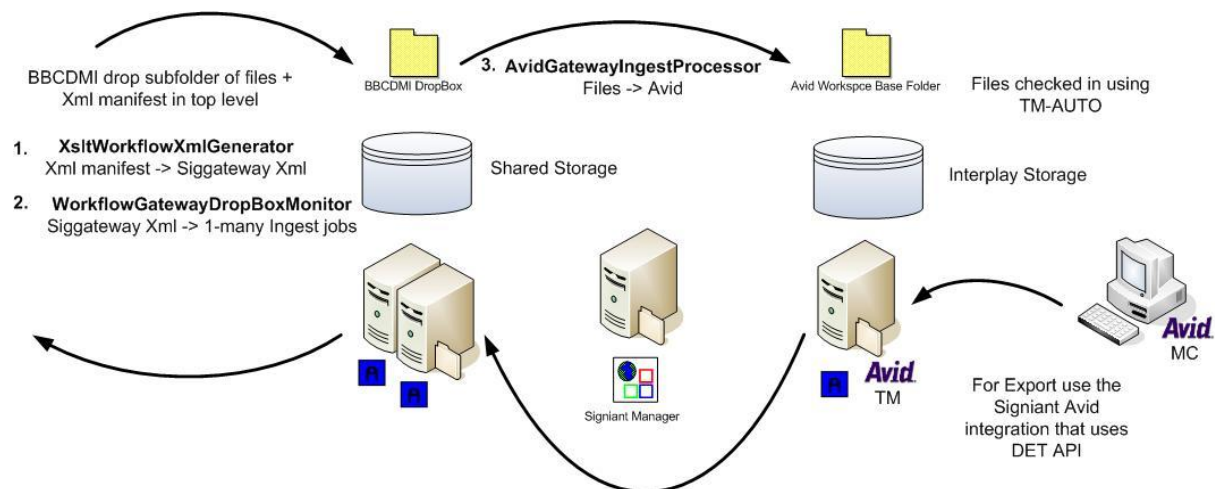
Red Bee Media



Red Bee Media: Quicktime FCP Ingest

- QT files and meta data files arrive from different sources, at different times
- Analysis of metadata file, extraction of transcode info
- Bundling of files into a critical mass
- Triggering of Rhozet transcode via API
- Final delivery of transcoded files to a target Transfer Agent

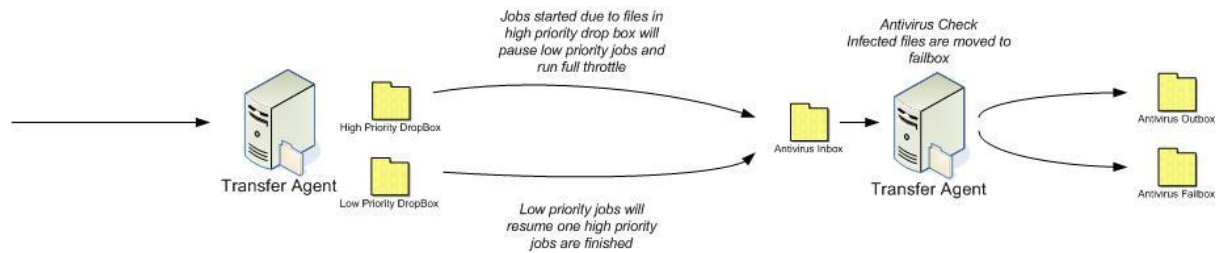
Media City UK



Media City UK: Avid Gateway

- Enables easy ingest and export of Avid projects to and from Avid system via a DropBox
- Ingest is triggered by the delivery of an Xml manifest file
- For ingest supplier of files delivers into a sub folder of the DropBox
- The Xml manifest, which is delivered last, must be delivered to the top level folder
- The ingest uses the TM_AUTO Avid tool to check files into the Isis storage via the TM
- Export is initiated by the editor directly from within the Media Composer GUI
- Exports can send files to any target Transfer Agent / folder location, including shared storage
- Supports Xml manifest files in any schema using Xslt to tranform into the Signiant Job Xml format
- Supports automatic retries on Ingest failure
- Supports parralel ingest of jobs
- Can be used in combination with the resource management option for added resource controls

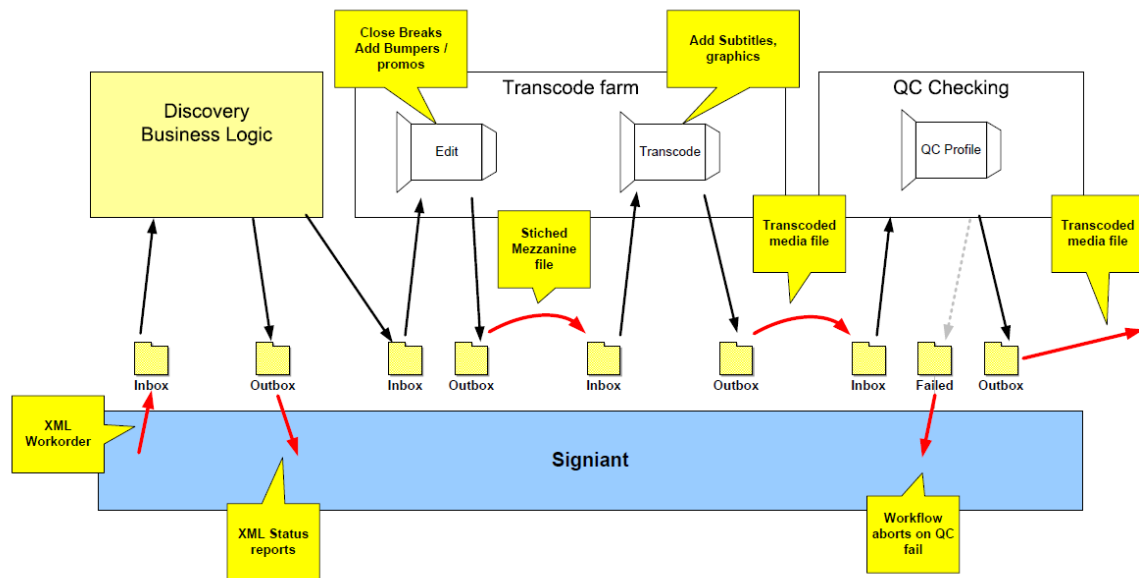
Channel 5



Channel 5: High Priority DropBox

- Ability to trigger any command line antivirus
- File placed in the high priority DropBox create jobs that pause the low priority jobs
- The job will run periodically, and check the current running transfer from the sub -folders
- A running 'High' priority job is maintained
- Otherwise, a new 'High' priority job is started if necessary
- While the 'High' priority job is running, the 'Low' priority job throttle is reduced to allow maximum bandwidth for the 'High' priority job
- When the 'High' priority job is not running, the 'Low' priority job throttle is increased to again make use of available bandwidth

Discovery UK



Discovery: VOD automated preparation

- Bundling of all the file necessary for the VOD asset production
- Addition of breaks, add bumpers, graphics and promos and subtitles via editing of EDL
- Integration with Discovery business logic
- Integration with Media Exchange portal for delivery
- Throughput of the department was increased by 1000% with no additions to staff
- Parralel processing of jobs
- Easy management via delivery profiles and transcode profiles (defining who gets what in what format and by which delivery mechanism)