



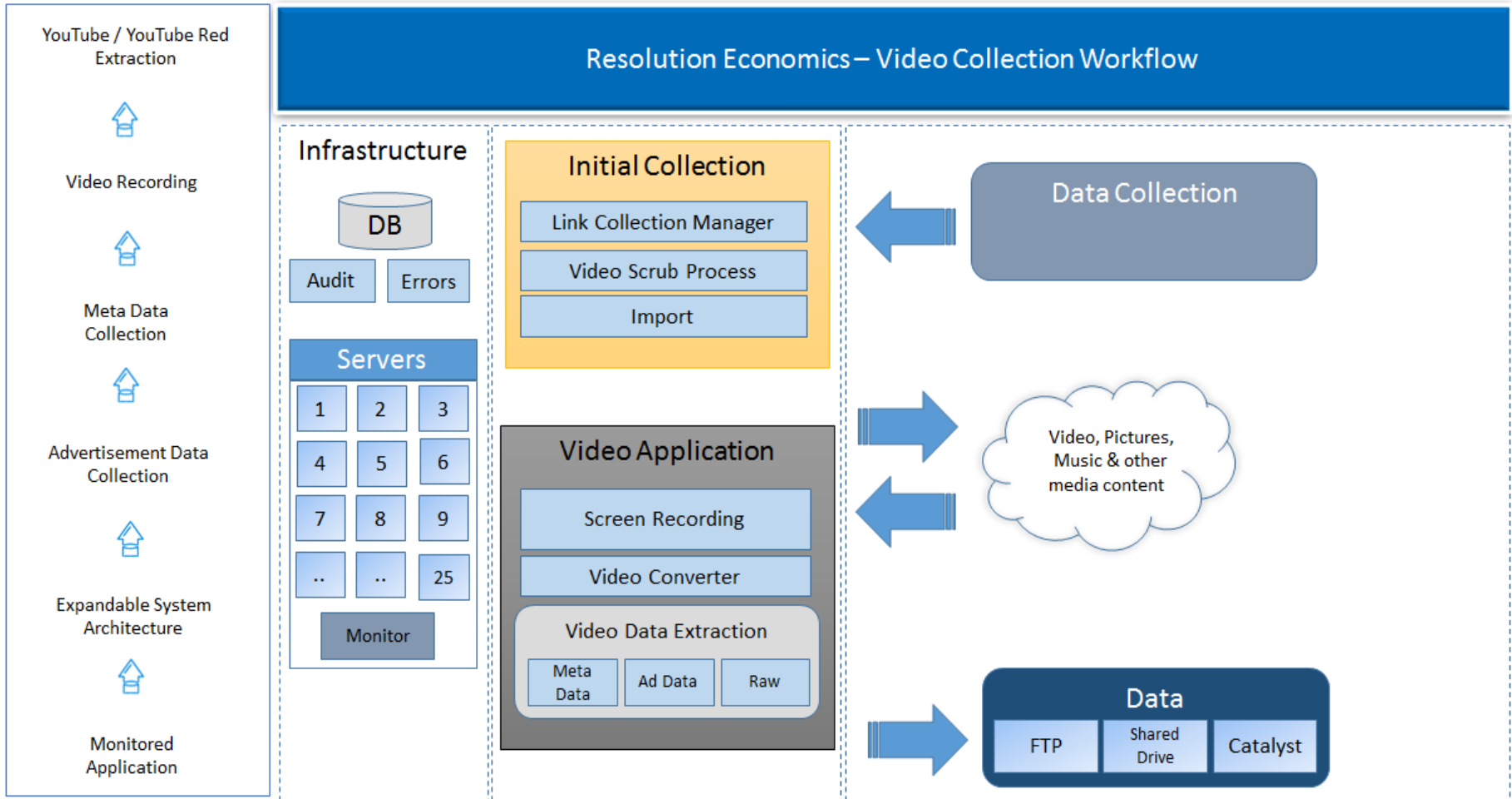
resolution economics ^{LLC}
Social Media Forensics & Discovery

Social Media Forensics & Discovery

Process Overview:

- YouTube video URLs are collected via various data mining methods
- Videos are inserted into a SQL database where they are assigned a unique identifier.
- The application is then executed against the URLs, and the relevant data such as video metadata, front-roll, mid-roll, and pop-up ad data and the actual video is collected, cataloged and stored for review.
- The media collection can be any sources that allows for public {API} such as YouTube, YouTubeRed, Vimeo, Revver, Amazon, Spotify, BBC, and others.
- Our tool will collect pictures, music, video and other types of media including associated metadata to support investigation, litigation, defamation, and copyrights cases.
- For questions or inquiries, please email fts-pm@resecon.com.

Video Collection Workflow



Video Collection System Architecture

Resolution Economics – Video Collection System Architecture

Media Collection

Media Collection
(YouTube, Vimeo, Facebook)

Scaling Architecture

Unlimited Storage for
maximum collection



Dedicated Servers



Unlimited Storage

System Architecture:

The video and meta data collection architecture was designed to allow the processing of multiple videos simultaneously.

The system consists of the following:

- Linux based virtual machines preloaded with custom video recording software and execution scripts.
- SQL databases configured to house the list of URLs to be processed.
- FTP server to send recorded videos to secure storage location
- Web server to house collection monitoring tool
- Google chrome browser 64.03 64 bit per VM
- Express VPN service