

# Optimize security footage archival, search and analysis.



Smart Security Systems runs security footage from multiple video streams through a video processing algorithm, tagging video content before storing the video metadata in yuuv<sup>is</sup>® database. This metadata can then be stored for a long time, easily queried with filters and tags, shared based on specific parameters (e.g., only videos that match a suspect description), and used to generate insightful incident briefings and reports.

## a yuuv<sup>is</sup> hackathon creation | 2019 | SF

Visit [yuuv<sup>is</sup>.com/innovation](http://yuuv<sup>is</sup>.com/innovation) for more inspiration and future events.

### The Challenge

Large businesses are producing an extraordinary amount of untagged security footage every day. It's hard to store in a format that can be queried on-demand in a way that scales as the amount of the security footage archive grows. Companies also have a difficult time provisioning access to interested 3rd-party stakeholders, including police, lawyers and insurance companies.

### The Solution

With valuable features like the ability to detect location and time, the Google Cloud Video Intelligence API converts raw video into metadata. This metadata is pulled into the yuuv<sup>is</sup>® database using the yuuv<sup>is</sup>® API and is stored in a much more time, space and cost-efficient manner than storing complete video footage. Using yuuv<sup>is</sup>®, one can easily perform queries to obtain the exact snippet of metadata (and thus the associated video) based on various tags and filters using the Elasticsearch functionality.

### Benefits

**Privacy** - share only relevant data with 3rd parties

**Cut costs** - store metadata, not data, to lower long-term storage fees

**Quickly uncover valuable information** - with automatically generated tags and powerful search functionality

### Technology

- yuuv<sup>is</sup>® Ultimate API for metadata search & storage
- Google Cloud Video Intelligence API

