FORENSIC
Security Guide

Facing Your Forensic Challenges

In today's world, **surveillance cameras are practically everywhere**, from government buildings, airports, roadways, retail shops, and corporate offices, to wearable and car-mounted cameras. Given their prevalence, video evidence is now playing a pivotal role in civil and criminal investigations, mediations, and trials.

Large cities across the U.S., including New York, Washington D.C., and Chicago, to name a few, have spent millions on security camera systems to detect, stop, and solve crime. The problem is that this vast number of cameras produces **hours and hours of video footage that ultimately needs to be viewed, processed, and analyzed manually** by investigators, wasting valuable time and resources.

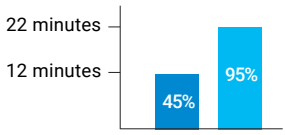
Law enforcement officials are now looking for powerful tools to **increase the speed and accuracy of their video search process**, with the ability to act upon precise match results in the critical time period after a crime has been committed.

Supporting Facts

14 days x 24/7

The time it took police to process 4,000 hours of footage following the Stanley Cup riots [1]

Screen Activity Overlooked by Operator [2]



Estimated times an American citizen is caught on camera [3]

+75 per day

15,000 CCTV cameras

Installed across the city of Chicago [4]

1 https://www.cbc.ca/news/canada/british-columbia/vancouver-police-recommend-163-riot-charges-1.993102
2 http://www.cs.nott.ac.uk/~pszcmg/G64IDS/isd-dissertations-08/nxd07m.pdf

Ask Yourself

How much time do you invest in manual video analysis?

How many investigators are involved in this task?

How much time passes after the crime has been committed until suspects are successfully detected?

Case Study

Following a jewelry store robbery, where an unknown man smashed the display cases and took items worth millions of dollars, the local police force was faced with two critical challenges – **the first was to confirm the thief's identity and the second was to map out his rout** during the week prior to the act. The police started out by gathering footage from the 10 CCTV cameras installed inside and outside the store, focusing on the exact time the robbery took place. They quickly managed to extract the thief's face and ran it through a 150,000 POI database, which resulted in successful recognition made by our Better Tomorrow system. They then collected footage from the 100 CCTV cameras spread across the geographical area surrounding the attacker's neighborhood and **ran the hours and hours of footage in the system's forensic mode.**

The Results

Better Tomorrow **processed the thousands of hours of footage in a matter of minutes** and successfully detected the robber across a number of cameras which clearly mapped out his route. **It also identified a second person** assisting him, and, as a result, they were both located and picked up by the police, preventing them from robbing again in the future.

Introducing Better Tomorrow

Our advanced, AI-based tactical surveillance system

0.1%
False alarms

Plug and play solution

Any sensor, any location

Recognition in mass and diverse crowds

Reshaping the Future of Forensic

Better Tomorrow is powered by a cutting-edge, deep neural network that offers a wide range of capabilities, including face, body and object recognition.

The plug and play system is cloud-based/on-premise, providing real-time and post-event analytics. It includes a set of advanced, automated tools that provide both immediate detection of events and video event analysis, turning each occurrence into valuable data.

What You Can Do with Better Tomorrow

Detect persons of interest quickly & automatically

Perform forensic video analysis in seconds

Detect unusual movements, suspicious objects, weapons etc.

Find all repeat appearances of certain individuals

Recognize anomalies and unusual movemets

Track route of POI using body recognition

For more information please contact us at: info@anyvision.co

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