

Multi-Robot Multi-Video Public Safety Intelligence

Expert Interview

IRB#:XXXXXXX

Background

Building a system that controls **multiple affordable robots**

To provide **multi-video-driven intelligence for better** public safety.



Today: Covering 3 topics

**Event of
Interests
(EoI)**

Your **Video
investigation
practice**

Your opinion
about
**Robot-Video
driven
Intelligence**

#1. Events of Interest

1A. Could you briefly share your **overall impressions** of the Eols we prepared for the survey?

1B. Are there any **Eol type(s) that you believe would not be useful** for public safety?

1C. Are there any **Eol type(s)** you believe we should consider further? If so, could you please elaborate?

#2. Your Video Investigation Practice

2A. Could you briefly describe how you or your team **typically use images and videos** for public safety and **what tools you use** for this purpose?

2B. What are the **main challenges** you encounter when analyzing video footage? For example, what aspects of your current tools do you find the most frustrating?

2C. If you could have any capability for analyzing multiple videos during an investigation, what **future functionality** would make your work easier?

#2. Your Video Investigation Practice (cont.)

2D. We're interested in learning about **the visual clues that you found effective when investigating objects**, such as humans or vehicles, in video analysis.

- i. Could you share some details when tracking **human objects**? (e.g., Clothing features, Behavior patterns, Carrying objects)
- ii. How about **Vehicles**?
- iii. Do you have any **other object types** than humans/vehicles that you often try in video investigation?

#3. Implications of applying robot-video-driven public safety intelligence

3A. Imagine a future where our multi-robot, multi-video sensemaking system is fully realized. What **concerns or considerations** would you have regarding its implementation and use?

3B. Imagine our system is fully implemented in future settings. What **benefits do you expect** it would provide?

3C. Do you have **any other thoughts/suggestions** for building multi-robot multi-video sensemaking system?

Thank you!

Contact: