



# Data-Driven Solutions for Gun Violence Reduction: A Case Study

Featuring: Utica Police Department, New York

October 30, 2024

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# OVERVIEW

**Introductions**

**Background Information**

**Key Topics and Questions**

**Contact Information**



# Guiding Principles



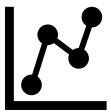
Customer Focused



Ease of Use



Leverage Technology



Data-Driven



# Introductions

## Hosts:

- 🗄️ Mr. Mike Green, Senior Prosecution Advisor, JSS
- 🗄️ Mr. Bob Haas, Senior Police Advisor, JSS
- 🗄️ Ms. Anna Goedert, Data Scientist, JSS

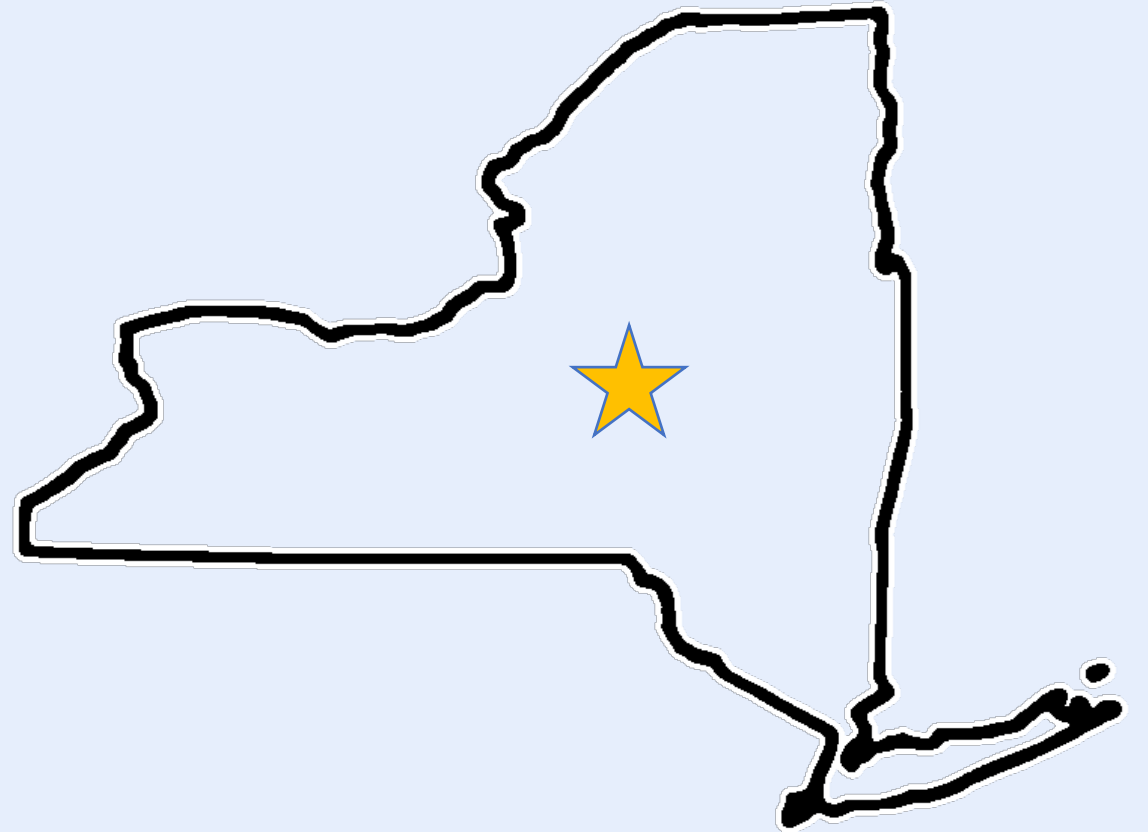
## Special Guests:

- 🗄️ Captain Stanley Fernald, Utica Police Department
- 🗄️ Tori Watson, Lead Analyst, Mohawk Valley Crime Analysis Center



# Background

## ➤ Utica Police Department (NY)



# What is your Violent Crime problem?

**STOP GUN VIOLENCE  
REPORT ILLEGAL FIREARMS**

**ONEIDA COUNTY GIVE**



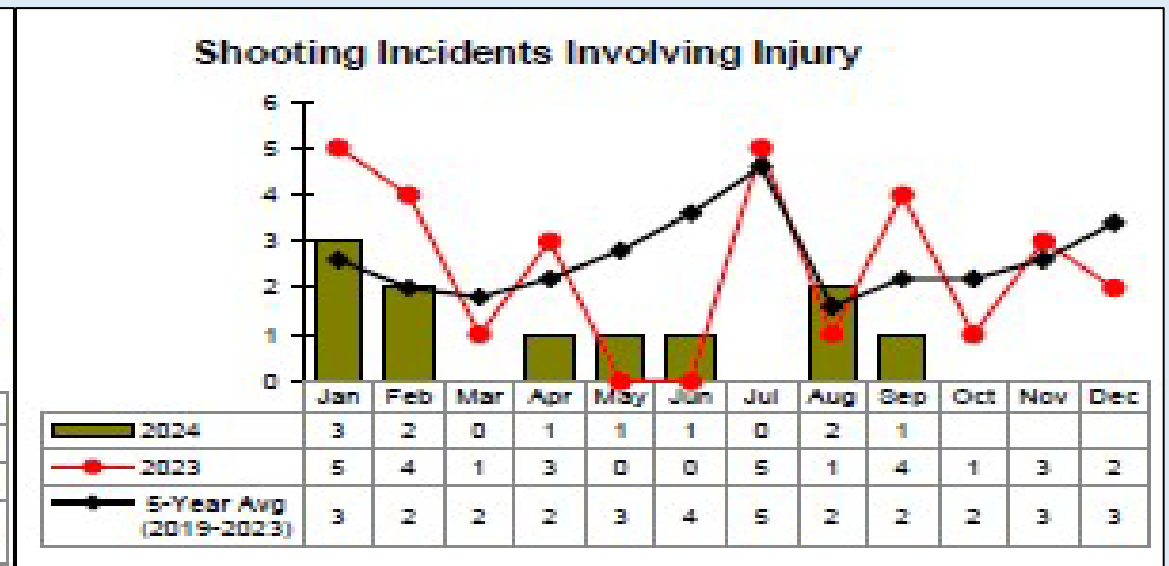
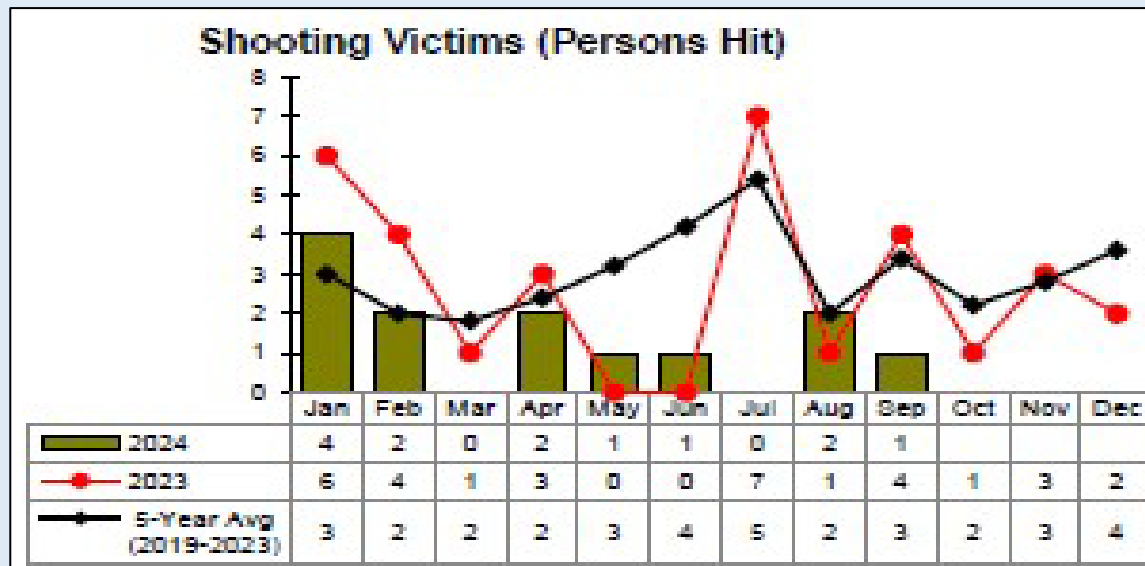
**CALL (315) 520-0842**

*Caller's personal information  
will be kept confidential*



# Using The SARA Framework:

Utica City PD	% Change				
	5-Year Average YTD (2019-2023)	2023 YTD	2024 YTD	5-Yr. Avg vs. 2024	
				23 vs. 24	
January - September 2023 vs. 2024 Data reported as of 10/08/2024	Shooting Incidents Involving Injury	23	11	-52%	-52%
	Shooting Victims (Persons Hit)	27	13	-50%	-52%
	Individuals Killed By Gun Violence	3	5		





# Mohawk Valley Crime Analysis Center



# Violent Crime Strategies Used

- Hot Spots
- Frequent Offender Identification
- Community Strategies
- Partnerships
- Technology Informed Policing

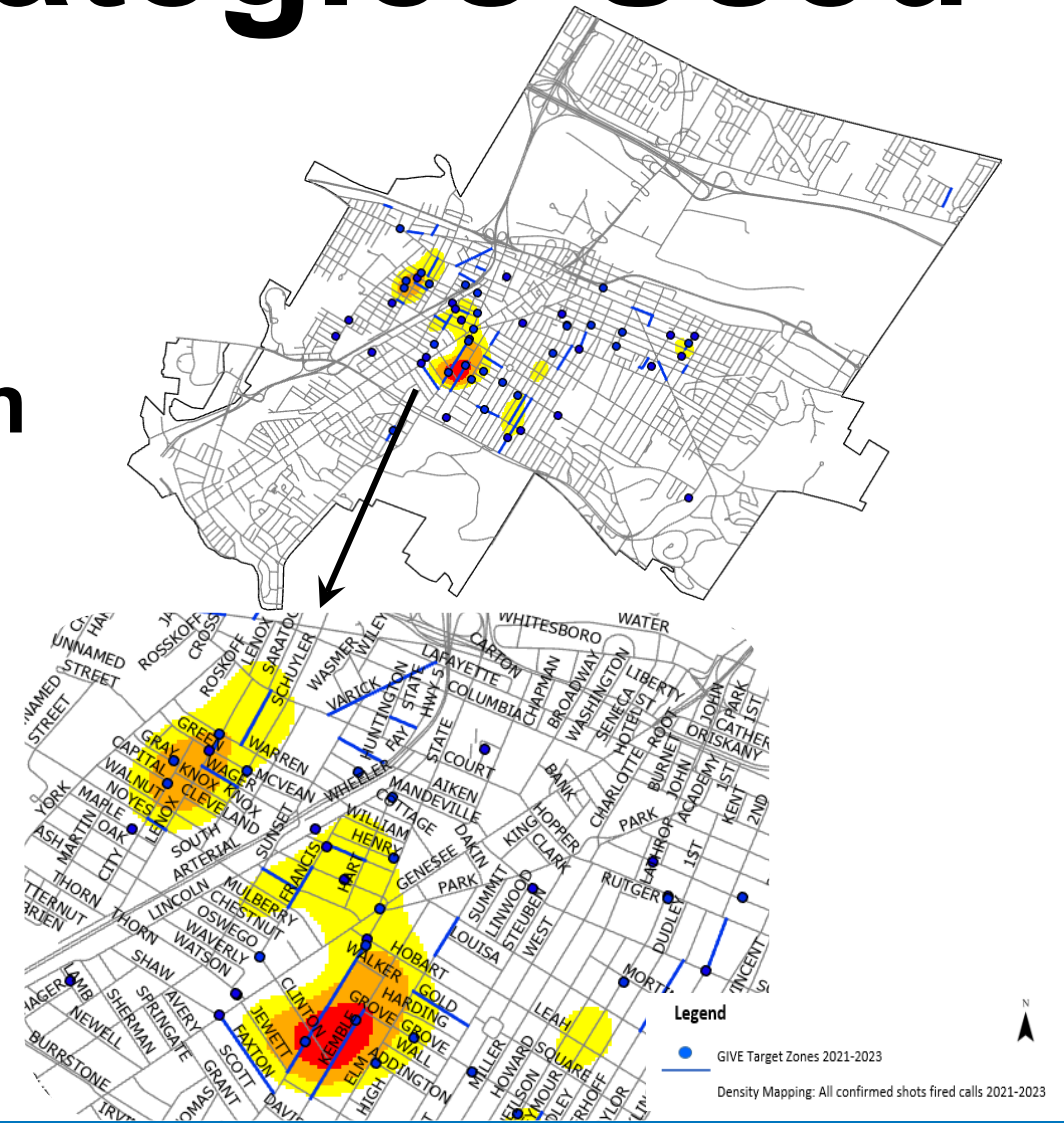


Photo credit: Mohawk Valley Crime Analysis Center

# Why Cell Phone Analysis and Why Now?

## FY23 Small and Rural Violent Crime Reduction grantee project

The screenshot displays the Cellebrite Physical Analyzer interface. On the left is a navigation sidebar with categories like Home, Timeline, Analyzed Data, File Systems, Locations, Insights, Tags, Reports, and Cloud. The main area is divided into several sections:

- Case Information:** Shows Case identifier, Case number, and Case Size (4.94 GB).
- Device Data:** Lists various data types and their counts: Activity Sensor Data (2468), Applications Usage Log (30), Calendar (337), Call Log (775), Chats (862), Contacts (2931), Cookies (1627), Device Connectivity (1088), Device Events (1), Device Info (105), Emails (7), Installed Applications (218), Instant Messages (88964), and Journeys (28).
- Advanced Logical Extraction:** Two panels show extraction details for an Apple A2482 iPhone 13. Both indicate that a hash data is available for verification. The first extraction started at 12/11/2023 1:40:20 PM and ended at 2:19:44 PM. The second started at 2:20:02 PM and ended at 4:02:39 PM.
- Device Info:** Displays IMEI, Phone date/time (12/11/2023 6:41:35 PM, 12/11/2023 6:42:24 PM), Serial (H534PF2D9W), and Time Zone.
- Most visited Locations:** A map of the Syracuse, NY area with several location pins. Below the map, a list shows the most visited locations with their coordinates and visit counts: 43.1031, -75.6592 (65 visits), 43.0959, -75.6502 (63 visits), 43.0917, -75.6485 (55 visits), 43.0917, -75.6486 (42 visits), and 43.0916, -75.6485 (42 visits).
- Top 5 messaging parties:** A donut chart showing the top 5 messaging contacts: Mommmmm (72,356), Daddy (31,010), Buckkkkk (123,278), Blair (120,098), and another contact (30,000).



Cellebrite  
PHYSICAL  
ANALYZER

Version 7.55.0.21

License includes:



Cellebrite

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Photo credit: Utica Police Department

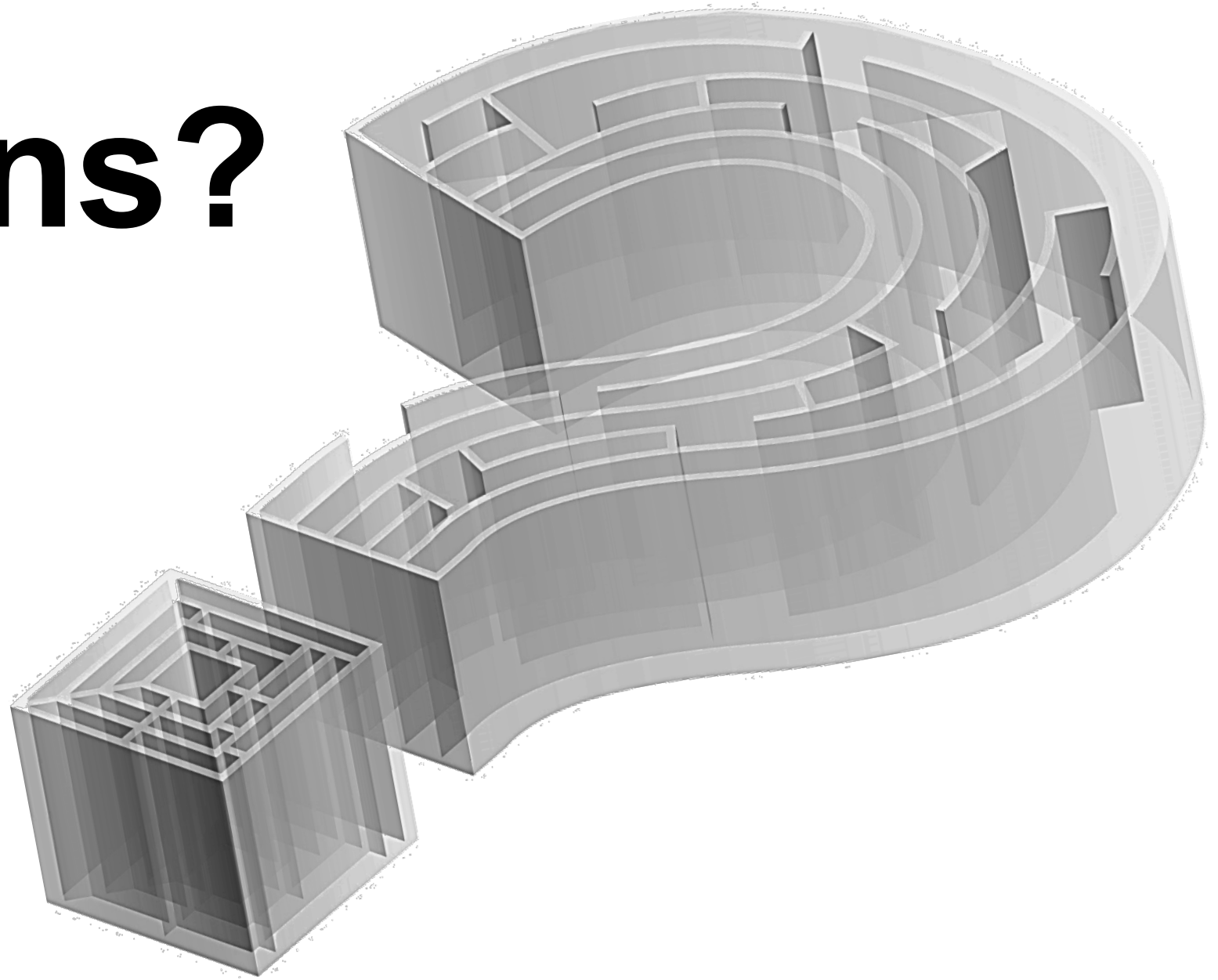
# Impact On Gun Violence





# What's Next?

# Questions?



# Contact Information

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Visit our website by scanning the QR code or here:

[www.justicestrategies.com/srt-violent-crime](http://www.justicestrategies.com/srt-violent-crime)

