CASE DEVELOPMENT

CYPHER OPS GROUP

CONTROL THE SURPRISE

THROUGH PHYSICAL SURVEILLANCE AND CELL RECORD ANALYSIS

40 HOUR COURSE FOR OFFICERS, DETECTIVES, TASK FORCES AND SWAT PERSONNEL

Introduction

In today's rapidly evolving landscape of technology, including cell phones, social media, and more, effective case development in criminal investigations requires a multifaceted approach. This training course offers a unique blend of physical surveillance techniques and historical cell record analysis, equipping participants with the skills to gather, analyze, and interpret data from both the physical environment and cell record footprints. Students will learn that when these two are combined, they become a powerful tool not only for apprehension but also for:

- Case development and mission planning
- Identifying and locating co-conspirators
- Tracing the movement of physical evidence after the crime to help support the case for court (such as clothing, vehicles, firearms, etc.)
- Guiding teams on where to canvass for video footage and identifying the direction the suspect(s) fled after the crime
- Identifying and locating potential stash houses and hideouts for narcotics investigations
- Keeping officers safe by minimizing unexpected risks

Learning Objectives:

Understanding Physical Surveillance: Participants will learn the fundamentals of physical surveillance, including observation techniques, situational awareness, and mission planning.

Introduction to Cell Record Analysis: With data showing that 97% of Americans own cell phones, this course will provide an overview of cell records, including how call detail records (CDRs) work and their relevance in investigative scenarios.

Data Correlation Techniques: Participants will explore methods for integrating physical observations with historical cell data to develop comprehensive situational analyses, helping to gather evidence for a strong case.

Real-World Application: Through case studies and hands-on exercises, students will practice combining physical surveillance methods with cell record analysis to create actionable intelligence.

Why should individuals take this class?

1. This course will show students how to increase **officer safety** as teams will learn how to study their target before going out; thus, minimizing surprises and risk while out on field.
2. This course will course will also potentially **save departments in overtime**, because we will introduce students to the basics of cell record analysis and show them how they can find target addresses ahead of time and reducing the time on the field.

Target Audience:

Patrol Officers: Being a patrol officer who is trained in surveillance and understands the basic principles adds value to you as the patrol officer, the department as a whole and other units.

Detectives: Having the knowledge on how physical surveillance is not only used for apprehension but building cases for prosecution and evidence gathering is key. Students will have 40 hours of learning how they can combine surveillance and cell record analysis to develop solid cases.

Task Forces / SWAT: Teams assigned to apprehension will undoubtably find themselves in a follow looking for the safest place to make an arrest. They should be aware of correct surveillance techniques and the various goals a detective or prosecutor may want.

Supervisors: As a supervisor one should have the basic knowledge of surveillance techniques and what is possible with historic cell record analysis when they are combined and used to push cases forward. They can then observe to see if their team needs more training or is well versed in this arena.
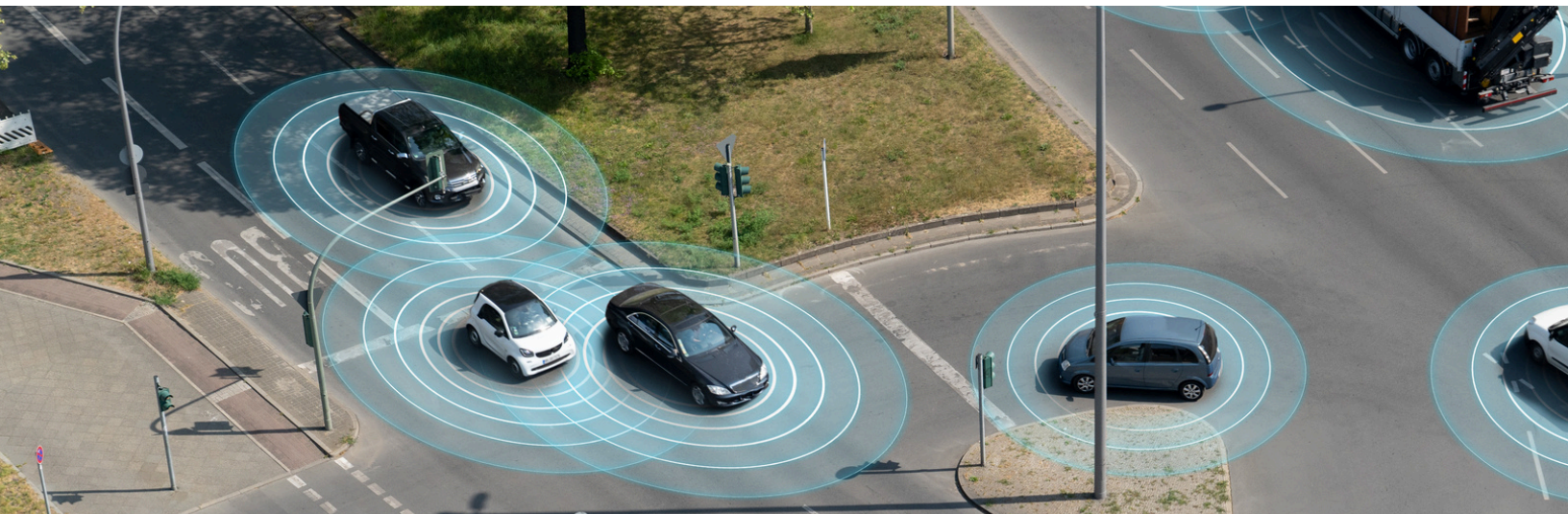
Course Format:

- Duration: 4 days of intensive training
- Modules: Interactive lectures, group discussions, and eight (8) real scenario-based simulations.

Gear Needed:

- UC or unmarked vehicle.
- A cell phone that can run the application: Zello, Instagram, ITAK/ATAK
- GPS
- Car Charger for phone(s)
- Headphones

We provide:

- Dedicated ITAK/ATAK Server
- Radios
- Zello Channel (Secondary Com)
- Scopes

.

Cypher Operations Group

A cypher is a secret or disguised way of writing—essentially, a code. Investigations are often likened to the process of breaking and finding the various codes and clues left behind by the suspect(s) in order to successfully solve a case.

Cypher Operations Group aims to equip Officers, Detectives, Street Crime Teams, and Tactical Teams with the tools, case development strategies and methods needed to quickly and safely break a case's "cypher" whether it's through surveillance, search warrants, data analysis, apprehension or other means.

Instructor Erin Lai

Erin has nine years of law enforcement experience and has spent more than half of her career so far in the Special Investigations Unit where she gained extensive experience in surveillance, online investigations, and undercover operations. She has participated in the successful investigation and apprehension of numerous violent criminals, including several out-of-state missions that involved undercover operations, physical surveillance, and arrests.

Instructor Daniel Yagi

Daniel has seventeen years of law enforcement experience. Over the past eight years as a Detective, Daniel has conducted thousands of hours surveillance around the country, authored hundreds of warrants out of King County Superior Court and has directly been involved in the case development of robbery crew investigations, kidnappings, high level narcotic cases, homicides and more.