



OREGON-IDAHO HIDTA PROGRAM

CELL PHONE DATA MAPPING

Class # 3 of a 5 of an analyst certification tract provided by Police Technical

LOCATION - Oregon Public Safety Academy, Room C117
4190 Aumsville Hwy, Salem Oregon

DATE & TIME - Monday, April 11th - Tuesday, April 12th, 2022
8:00 AM – 5:00 PM

Cost: Free

Attendance Limited to 40 Students

SYNOPSIS

The amount of data retrieved during a cell phone investigation can be staggering. Call records and tower data generate hundreds of records in just a few days from a single phone, tens of thousands of records are not unusual. Managing this data (and visually depicting it) showing criminality, and making it “make sense” to others is the purpose of this course.

The course covers methods to view, analyze and present cell phone (and related data sets) data generated from current investigations. Through the use of specific case studies and prepared sample sets of data (generated from actual cases) students learn how to analyze and present data found in typical investigations. Special data sets (non-cell phone) are also presented as potential sources for evidence.

By the end of the course, students will be confident in their ability to manage and present digital data sets (cell and others) as evidence in court and in special hearings.

This class is designed for law enforcement officers at any stage in their career. Experience or training in cell phone investigations is not required. Students will receive samples of data for use in the classroom during hands-on sessions. A **laptop** with Microsoft Excel, Word and PowerPoint (version 2003 or higher) is required.

COURSE OBJECTIVES

Day One

- 1. You've got the data now what?*
- 2. If/ Then Statements - Looking at the Data, Outside Call Lists, Who is calling who?, Distinct Call Lists For Use in V-Lookups*
- 3. V-Lookups - Getting the facts from the Data, Linking Numbers to People, Tower Locations, Human Readable, Intermediate Code*
- 4. Pivot Tables - Finding the important clues in the Data, Call Frequency, Tower Frequency, Sum of Calls, Sum of Minutes*

Day Two

1. *Evidence Continuity - Making the Data Make Sense (to everybody)*
2. *Color Coding - Adding SMS, Combining Data*
3. *Mapping Call Data - Showing the relationship between the data, reality and location, Basic Google Earth KML Creation, KML Creator, Google Docs*
4. *Gephi - Data Analysis, powerful, simple, and free, Importing Data, Manipulating Data, Combining Data*
5. *PowerPoint - Presenting the results in a format everyone can see and believe, Presenting Cell Data in Court and Hearing, Screen Captures, Splash Screen, Linking to Outside Documents*

INSTRUCTORS

Instructors are provided by Police Technical

REGISTRATION

The course is limited to 40 students. Registration for this course is **Free**.

Event registration may be completed **online** by following these instructions:

1. Open your web browser and log into <https://registration.nhac.org>
2. Enter the word **Class** (case sensitive) for username
3. Enter **\$Training33172** (case sensitive) for password
4. Select ***Oregon - Idaho***
5. Select **Click to view Training Events** link
6. Select ***The Training you would like to register for.***
7. Fill in the **HOTT Online Application**
8. Select **Complete Registration**
Save the application number.
You will receive an email indicating that you have been enrolled in the training.

Questions; Contact Oregon-Idaho HIDTA Deputy Director Ned Walls:
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