

NW3C

National White Collar Crime Center

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CI 105 – Cell Phone Mapping & Analysis

This course covers the acquisition and analysis of the various types of call detail records obtained from cellular providers. This course focuses on data analysis using Microsoft Excel, as well as techniques for presenting findings in case reports or in court. Students receive a copy of PerpHound, NW3C’s free software tool for the analysis of call detail records.

This course does not cover the acquisition or analysis of data from the cell phone itself.

CPMA

Version 1.4, updated November 2016

Cellular technology.

Land-line and cellular networks. Types and generations of cell phones. Cell site design and its implications for law enforcement.



Classroom course

Call detail records.

Request information from service providers. Convert records into a useful format. Read and analyze. Plot location information.



2 days

Data analysis.

Filters, sorting, and pivot tables. Merge two related spreadsheets.



Prerequisite:
CI 099

PerpHound™.

Hands-on experience with NW3C’s free software tool.



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