

Basic Historical Cell Site Analysis Course

Presented by FBI CAST

CASTViz is a tool developed to support FBI CAST (Cellular Analysis Survey Team) - a specialized unit within the FBI. CAST provides analysis, consultation, drive testing, and expert testimony in regards to cellular communications in all types of cases. CAST agents are experts in technical cellular analysis and can train federal, state, and local law enforcement officers. CAST agents are often called upon as expert witnesses in cellular data analysis.

In order to ensure that law enforcement personnel have access to the most up to date and accurate cellular telephone information and training, CAST offers a free Basic Historical Cell Site Analysis Course.

The Basic Historical Cell Site Analysis Course* is designed to be an introduction to basic cellular analysis and geospatial mapping. The class provides instruction in the basic principles of cellular networks, how call detail records provided by the major cellular providers are created, how to read and understand the call detail records, and how to utilize the call detail records in law enforcement investigations to illustrate a cellular phone's general location.

At the conclusion of the class students will be able to:

- Understand the basic principles and concepts of a cellular network and how a cellular device connects with a cell tower
- Interpret and analyze the call detail records provided by the major cellular providers (Verizon, AT&T, Sprint, T-Mobile and U.S. Cellular)
- Utilize mapping software to accurately depict the general location of a cellular device when it connected to the cellular network.
- Understand the capabilities and limitations of cellular record analysis
- Interpret and analyze tower dump records from all major cellular providers
- Be familiar with the resources available through CAST.

**The Basic Historical Cell Site Analysis Course does not provide the requisite knowledge or experience to qualify students as experts in historical call detail record analysis. It is designed to provide a foundation of understanding the records.*

Prerequisite: An understanding of Microsoft Excel is required for course attendance. A knowledge of excel spreadsheet functions to include the following is necessary for successful class participation: Freeze, Sort, Find/Replace, Insert, Formulas (left, right, concatenate) and Pivot tables.

Date: November 8-9, 2018
Host: Evansville Police Department
Location: Evansville IN
Address: CK Newsome Center
100 E. Walnut, Room 118 C&D
Time: 8:00 a.m. - 4:00 p.m. (7:45 check in)

FREE REGISTRATION

REGISTRATION CONTACT: Debbie Hildebrandt – 812-436-4948
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