



Basic Historical Cell Site Analysis Course

Presented by the FBI Cellular Analysis Survey Team (CAST)



The CAST 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 call detail records, and how to utilize call detail records in law enforcement investigations to illustrate a cellular phone's general location.

At the conclusion of the course, 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 obtained from the major cellular providers (AT&T, T-Mobile, Verizon, and U.S. Cellular)
- Utilize mapping software to accurately depict the general location of a cellular device at the time 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

10/6/2025 to 10/7/2025

8:30 AM – 4:30 PM

Lee's Summit Police Department

10 Tudor Road

Lee's Summit, MO 64086

This class is limited to 40 students. Additional registrants will be placed on a wait list. Registration closes on October 2, 2025.

To successfully complete the course, attendance is required every day.

Registration for this course can be completed using the following link: [Course Registration Link](#)

Prerequisites: Each student is required to bring their own Wi-Fi capable laptop with the following software:

- 1) CASTViz (currently version 49.0.0)
- 2) Microsoft Excel

***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. The course is designed to provide a foundation for understanding the records and utilizing mapping software.**

Contact Supervisory Special Agent Tim Flohrschutz with questions at twflohrschutz@fbi.gov