

# Real Time Cell Phone Investigations

## Course Details

Host by: Hamilton Township Police

Location: 7780 South State Route 48 Hamilton Twp., OH

Dates: 09/20/2018 to 09/21/2018, 8am - 4pm

Cost: \$420.00, \$450.00 or \$475.00 (depending on registration date) Includes training manuals, access to online materials

Register at  
[www.policetechnical.com](http://www.policetechnical.com)

## Course Highlights

Whether responding to a critical missing person, a homicide, or a hostage barricade, students will learn step by step how to exploit mobile technology in real time and how to interpret the data available from the various service providers. Students will also be exposed to emerging cellular technologies including NELOS, PCMD, RTT, and EVDO.

## Who Should Attend

This class is designed for detectives, patrol officers, analysis, and other personnel who respond to critical incidents where actionable intelligence in a real time setting is paramount.

## Material Requirements

Students must bring a laptop with Microsoft Excel and internet capabilities. An external mouse is recommended but not required.

## Agenda

- | Day One  | Day Two  |
|--|--|
| <ol style="list-style-type: none"><li>1. Capabilities of Mobile Technology</li><li>2. Exigency Requests, Line Captures, Telephone and Internet Service Restrictions</li><li>3. Legal Demands and What You Should Ask of a Service Provider</li><li>4. Hands on exercise with Verizon, AT&amp;T, T-Mobile, and Sprint Records</li><li>5. Using Call Detail Records to Conduct a Complete Interview or Negotiation</li><li>6. Interpreting Real Time location services data from Verizon, AT&amp;T, Sprint, and T-Mobile</li></ol> | <ol style="list-style-type: none"><li>1. Dropped Phone and Voice Over Internet Protocol (VOIP) investigations</li><li>2. Legal Demands Associated with Spoofing, SWATing, Harassment, and VOIP investigations</li><li>3. Identifying offenders who exploit Craig's List, Offer Up, and other online sales sites</li><li>4. Special Hazards for Law Enforcement involving mobile applications</li><li>5. Case Studies of Telephone Misuse Cases and How to Identify Offenders</li><li>6. EXIF Data and open source intelligence gathering</li></ol> |



### Instructor: Thomas D Hannon

Thomas Hannon is a 7-year police veteran and a Detective Corporal with the Prince George's County Police Department's Technical Operations Unit. The unit maintains/operates a Title III wire room, conducts all cell phone extractions, as well as all cellular mapping cases. He has been recognized as an expert in the field of cellular technology by the Circuit Court of Maryland. He joined the Prince George's County Police Department in 2009 after finishing his Bachelors of Arts at the University of Maryland. Prior to his time in the Technical Operations Unit, he served as a missing person's detective, violent crimes detective, as well as, a commercial robbery detective. He currently supervises sworn and civilian personnel who assist numerous law enforcement agencies in the Washington Metropolitan Area.