

# **Cellular Records Review and Analysis**

## **Part 3: Sprint**

# PATCtech

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# For Starters

- What can we get from Sprint?

# Cell phone technology

- What can Verizon provide with appropriate legal process?
  - Call detail logs
  - Cell Sites accessed
  - Cell site sector Azimuth
  - Type of tower (Lucent / Nortel / Samsung / Ericsson)
  - Direction of call (incoming or outgoing)
  - Calling number
  - Dialed number
  - Call Time and duration
  - Location of cell tower

# Cell phone technology

- Subscriber information (Name, address, etc)
- SMS Dates and Times
- ESN / MEID, MIN, MDN of target phone.
- Phone Model
- Tower dump
- Definitions page
- Reports of Lost / stolen phone
- If prepaid, where purchased?
- Other phones on the same account
- Cell sites at the time of the incident (Not current)
- PCMD (Per Call Measurement Data - Maybe)
- NEID / Repoll (Type)

# Some important definitions

- ESN – Electronic Serial Number
- MEID – Mobile Equipment Identifier
- NEID – Element name (Network Element ID)
- Repoll – Phone Switch
- Azimuth – The median of the sector accessed

# Some important definitions

- M\_R – Mobile Role
- BTS Manufacturer – Type of Base Transceiver Station (Lucent / Nortel / Samsung / Ericsson)
- SWAT – Soft Wireless Access Tandem (These are used in high Sprint traffic areas)
- TLDN – Temporary Local Directory Number



# Some important tips

- Dates and times are based upon local time zone.
- You will need both the incoming / outgoing calls, and the NEID / Repoll tower locations to do any mapping.
- The records will come in Excel spreadsheets.
- SMS locations are in PCMD only, not in conventional records.

# Some important tips

- Tower Dumps are Voice only.
- Sprint does use the terms Lucent / Nortel / Samsung / Ericsson when describing the tower sides. For Lucent, you have to subtract one.

# Contact information

Sprint Corporation

Contact Name: Tom Koch, Corporate Security

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Note(s): Effective October 1, 2013 Sprint will no longer accept legal demands directed to Nextel Communications. Please direct all future legal demands to Sprint Corporation.

Corporate Security: 888-877-7330

After regular business hours call Sprint Subpoena Compliance Immediate Response Team at 855-560-7690.

Clearwire legal compliance call: 800-877-7330 or Fax: 816-600-3111.

Sprint has controlling interest of Virgin Mobile and is the serving point for subpoenas and court orders.

- Now let's see some examples of what you can get: