Digital Forensics IN-VEHICLE INFOTAINMENT SYSTEMS

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What data is available in an **INFOTAINMENT SYSTEM?**

| Ford | System Identification: Ford/Lincoln MY2008: Edge, Explorer, Fiesta, Flex, Focus, Fusion, Taurus, MKS, MKT, MKX, MKZ Ford/Lincoln MY2009: Escape, Expedition, F-Series, Mustang, Navigator Ford MY2010 Ford MY2010 Transit Complexity | | | | |
|--------------------|---|---|--|--|--|
| <u>GM</u> On Star | OnStar equipped vehicles 2007 and r GM all vehicles 2009+ equipped with | | | | |
| ConnectedDrive | System Identification: LCD display in center of dash Controller on center console Optional equipment on all BMW models | Car Communication Computer CCC - 2003 Car Information Computer CIC - 2008 Next Big Thing CIC - HIGH (NBT) - 2012 | | | |
| CHRYSLER DICOMPECT | System Identification: Optional on many Chrysler vehicles 8.4" diagonal touchscreen display May or may not have navigation Assist/911 buttons on mirror Fiat vehicles have a 6.5" diagonal display that is supported, 8.4" is not available in Fiat Uconnect control buttons | | | | |
| entme | EnTune Premium AudioEnTune Premium• Navigation• Navigation• Entune App Suite• Entune App SuiteEnTune App Suite not included in Entune Audio or Entune | mp | | | |
| | 6.5" touchscreen Navigation S" touchscreen Navigation | ing in MY2011 | | | |

Optional equipment on most VW vehicles

Mapping of events with TIME COORDINATION

Data Available:

- RECOVER DELETED FILES
- PAIRED DEVICES
 - » Phones
 - » Contact list
 - » Call logs
 - » SMS
 - Incoming or outgoing
 - Body of message
 - » USB and media devices
 - » Includes media file list
 - » Device ID
 - » Last time seen
 - » Bluetooth connections
 - » WiFi connections
- LOCATION TAGGED EVENTS
 - » Track logs
 - » Stored locations
 - » Previous destinations
 - » Last known location
 - » Doors opened or closed
 - Which door
 - Whether opened or closed
 - Time and date of event
 - » Parking lights turned on or off
 - » Odometer readings
 - Time, date, location
 - » Time updates
- VEHICLE IDENTIFICATION
 - » VIN
 - » Part numbers
 - » Serial numbers
 - » MAC address
 - » Bluetooth address
 - » Embedded device identifiers







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The Kimley-Horn Advantage

In-vehicle infotainment (IVI) systems may well comprise the fastest growing segment of today's automotive industry. While the primary goals of IVI systems are to keep drivers and occupants connected to the world around them while enhancing the driving experience, data available from these systems clearly has forensic applications in both criminal and civil cases. Kimley-Horn should be your consultant of choice because:

- Recognizing the value of the data collected and retained by in-vehicle infotainment (IVI) systems, we are the first engineering firm in Florida to offer IVI data acquisition services.
- We are the first engineering firm in Florida that is actively testing and validating the data contained within various infotainment modules.
- Daniel Barshinger is the first engineer in Florida who has been trained and certified to retrieve and analyze this data.
- Daniel is also able to validate the data retrieved from various infotainment modules for courtroom admissibility.

Please contact Kimley-Horn for additional information or with any questions you may have about this new technology and how we can make the resulting data available to you.

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