



iVe

# Enabling forensic acquisition and analysis of vehicle infotainment and telematics systems.

iVe is a vehicle system forensic tool that acquires user data from vehicles, and allows forensic examiners and investigators a means to quickly and intuitively analyze it. Vehicle infotainment and telematics systems store a vast amount of data such as recent destinations, favorite locations, call logs, contact lists, SMS messages, emails, pictures, videos, social media feeds, and the navigation history of everywhere the vehicle has been. Many systems record events such as when and where a vehicle's lights are turned on, which doors are opened and closed at specific locations, and even where the vehicle is when Bluetooth devices connect.

iVe supports over 4,600 models of vehicles. This includes infotainment and telematics systems from BMW, Buick, Cadillac, Chevrolet, Chrysler, Dodge, FIAT, Ford, GMC, HUMMER, Jeep, Lincoln, Maserati, Mercury, Pontiac, Ram, Seat, Skoda, SRT, Saturn, Toyota and Volkswagen vehicles.

## Key Features

- Logical and Physical Acquisition
- Binary File Import and Decoding
- Carving and Deleted Data Recovery
- File System Viewing and Content Parsing
- Data Export and Geo-Location Mapping



### Devices

Identify devices that have been connected to a vehicle via Wifi, Bluetooth and/or the USB and all of the data associated with those devices.



### Events

See events associated with a vehicle such as doors opening/closing and lights turning on/off with a location and timestamp for each event.



### Navigation

Recover location data and navigation information such as track logs, saved locations, active routes and previous destinations.

iVe acquires data from vehicle systems such as Microsoft Sync™, MyFord Touch™, OnStar™, Uconnect™, ConnectedDrive™ and Entune™. It uses a combination of hardware and software to acquire forensically sound images via non-destructive means at the logical and physical level. An import feature gives users the ability to import raw files acquired via a flash chip reader or similar technology. Whether the data was acquired directly with iVe or imported, iVe will decode, parse, and present key data.

## Example Data Types

- 3rd Party Application Data
- USB, Bluetooth & WiFi Connections
- Call logs, contact lists and SMS messages
- Pictures, videos, & social media feeds
- Location data & navigation information
- Event data and associated time/location

