



DIGITAL FORENSICS SOLUTIONS

- Cell Site Analysis
- Computer Forensics
- GPS Forensics
- Infotainment Forensics
- Mobile Phone Forensics





DIGITAL FORENSICS INVESTIGATIONS

Technology has revolutionized the world, bringing incredible advancements in every area of modern life, and the lifeblood of continual technological advancement is data; data about us, our world, and our interactions. The foundational backbone of digital forensics is the ability to recover data, and there is more data about all of us contained on our computers, mobile phones, in the cloud, and on the internet than ever before in human history. Our digital forensics experts utilize cutting edge forensic analysis technology and have extensive experience, training, and certifications in all areas of digital forensics. They also serve as expert witnesses in state and federal courts across the country.

Our world is becoming increasingly hyper-connected. From mobile phones and computer systems to wearable technology and smart home assistants, more data is being collected about us than ever, and this data can, and is, being used in litigation.

COMPUTER FORENSICS

Our experts examine hundreds of computers, servers, and external storage devices every year in civil and criminal cases. They can assist in every stage of the litigation process, from analysis to expert testimony, for even the most complex and sensitive of matters. Regardless of the amount or location of data that needs to be collected, our team is able to assist. We employ forensically sound, defensible methods that comply with forensic best practices and industry standards.

MOBILE PHONE FORENSICS

Cell phones are used for everything from making calls and sending texts to transferring money and storing confidential documents. Cell phones can store millions of records of data in the form of emails, messages, pictures, location data, and financial information, among thousands of others. With state-of-the-art forensic tools, our certified experts can recover this data from cell phones, including data that has been deleted, and provide expert testimony.



CELL PHONE LOCATION ANALYSIS

Using historical cell site location information (CLSI) in the form of call detail records obtained from cellular service providers, our cellular analysis experts can determine the historic location of a person or object based upon mobile phone activity.

Our experts can conduct a radio frequency survey, or “drive test,” to test and collect data on radio frequencies from an incident area. We use the same type of highly specialized hardware and software that’s used by government agencies. This data is then analyzed to validate the data obtained in the CLSI phone records. This process allows our experts to make sure the phone records are valid regarding location (i.e. the records actually are what they seem to say they are).

GPS FORENSICS

GPS technology is no longer relegated to only personal, vehicle, aviation, and marine GPS units. Almost all modern mobile phones, cameras, and wearable technology devices contain a GPS chip and record location data.

Our certified GPS examiners can properly collect data from GPS devices in a forensically sound manner and analyze the data using advanced forensic tools and mapping technology.

INFOTAINMENT AND VEHICLE SYSTEM FORENSICS

Vehicle telematics and infotainment systems are rich with data including navigation history, social media feeds, emails, text messages, and Bluetooth connections. They can collect information on whether the vehicle’s lights were on or off, which doors were opened, if they were locked or unlocked, what gear the driver was in, odometer readings, and more.

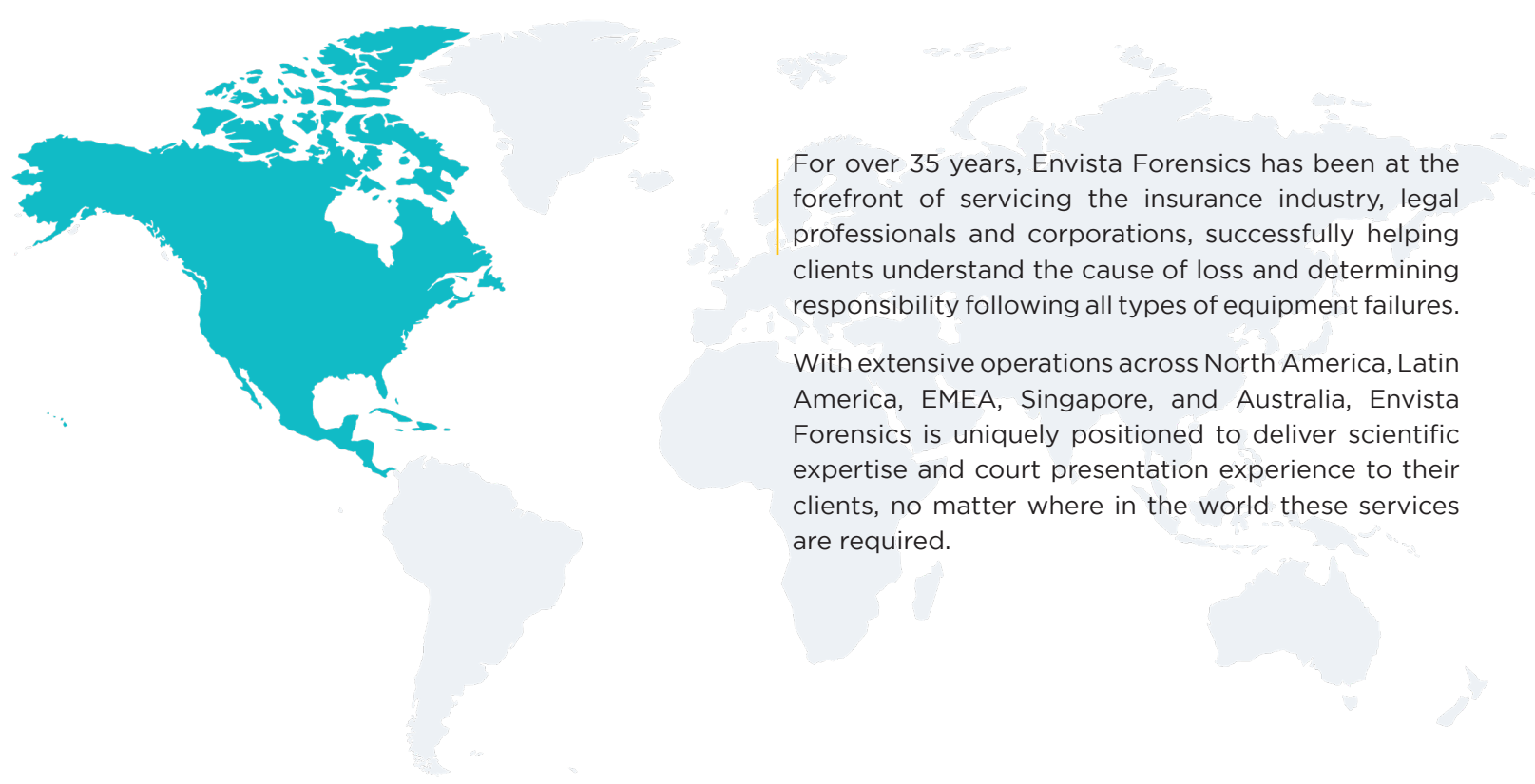
These systems can record location data even when no destination is set and can allow an expert to know when and what knobs or buttons were pushed. This is valuable and relevant data in a distracted driving examination.

CONTACT US

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For over 35 years, Envista Forensics has been at the forefront of servicing the insurance industry, legal professionals and corporations, successfully helping clients understand the cause of loss and determining responsibility following all types of equipment failures.

With extensive operations across North America, Latin America, EMEA, Singapore, and Australia, Envista Forensics is uniquely positioned to deliver scientific expertise and court presentation experience to their clients, no matter where in the world these services are required.



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