GPS DATA IN GEOTIME® REVEALS SUSPECT'S INVOLVEMENT IN DRUG TRAFFICKING

MOBILE PHONE DATA VIEWED IN GEOTIME SHOWS SUSPECTS' TRAVEL PATTERNS, HELPING ESTABLISH TIMELINES FOR SOLVING CRIME

In Utah's Alexis Rasmussen homicide case, North Ogden Police Department enlisted the help of GeoTime at Ogden City Police Department's Real Time Crime Center which helped shed light on the movements of their suspects, providing a key link in solving the case.

Rasmussen, 16, died of a lethal injection of drugs allegedly by Dea and Eric Millerberg. Their alibi didn't add up, and the investigation stalled. As part of their probe, investigators requested the suspects' cell phone records—an overwhelming 6,963 lines of information including calls, texts and transmissions.

GeoTime analyzed the data which gave investigators a picture of the suspects' actions, before and after the girl's disappearance.

GeoTime gave investigators and crime analysts a colorful, 3D visual map showing the interactions between the victim and suspects. The information proved key in charging the suspects with the crime. The couple now awaits trial.

"IT'S AS CLOSE TO RELIVING THE EVENT AS YOU CAN GET."

– Ogden PD Crime Analyst Dave Weloth

SPOTTING CRIME TRENDS & MAKING BETTER USE OF LIMITED RESOURCES

Using GeoTime with crime data stored in CAD, police can see patterns in crime and the hot spots, instantly understanding where crime is occurring.

It also helps commanders determine where best to allocate resources.

Crime analysts can input arrest warrant information and the city's crime data in GeoTime to produce a map showing the addresses of wanted people compared with the high crime areas. With this information, an agency can see where to concentrate enforcement efforts.

PRODUCING VIDEOS RECREATING CRIME SCENES

In the high-profile case of slain Ogden Police Officer Jared Francom, GeoTime helps recreate the scene for the prosecution's case and the jury, giving a sense of being there.

The suspect, Matthew David Stewart, 37, ambushed the officers while the Weber-Morgan Narcotics Strike force was serving a drug-related search warrant at the suspect's home. Five other officers were wounded. The suspect is charged with capital murder and could face the death penalty.

Crime analysts pulled data from the Automatic Vehicle Locators (AVL) and dashboard cameras on the responding officers' patrol cars and uploaded it to GeoTime. The mapping sequence was layered with the Computer Aided Dispatch (CAD) calls, the radio traffic between dispatch and the officers at the scene, producing a real-time recreation of the incident. Using the information, Ogden City Police created a stunning, 25-minute video that will be played for the jury.

GPS DATA VIEWED IN GEOTIME SHOWS SUSPECTS' TRAVEL PATTERNS, HELPING ESTABLISH TIMELINES FOR SOLVING CRIME

In a recent case, OPD obtained a search warrant to place a GPS tracker on a drug suspect's vehicle to watch his actions. The suspect was supposed to be at a certain location, based on his story to police, but the data showed he had been driving around the city.

The GPS data, uploaded to GeoTime, proved key to the investigation.

The suspect's vehicle stopped at residences where gang members and parolees lived, showing he was heavily involved in significant drug trafficking.