



Drive More Value from Police Body Cameras

Police departments and precincts of all sizes are faced with a mountain of data and information. From emergency incident reports to 911 calls and criminal intelligence, having the right data at the right time helps police solve crimes and protect citizens. Enhancing safety, providing immediate visibility to incidents, and forecasting and predicting crime before it happens can be critical to the success of a department. Public safety organizations are challenged with leveraging this information from many different sources into one platform for advanced analysis.

Benefits of Data Analytics for Police Body Camera Use

- Zero in on Crime Patterns by correlating data from several cameras to identify trends in certain neighborhoods
- Identify suspects by batch analyzing terabytes of video data to narrow down a person of interest by their personal characteristics
- Gauge officer performance by analyzing body camera feeds to assess conduct during police stops





3 Ways Qlik Analytics Can Help Interpret Video Data

The Qlik Platform

The Qlik Platform was designed as a complete end-to-end Business Intelligence solution to solve the challenge of conducting analysis with disparate data systems. Qlik's Associative Model allows users to explore data relationships across many sources that would otherwise be hidden in hierarchical or query-based approaches. Qlik drives faster time to insight with intuitive exploration, smart search, and smart visualizations.

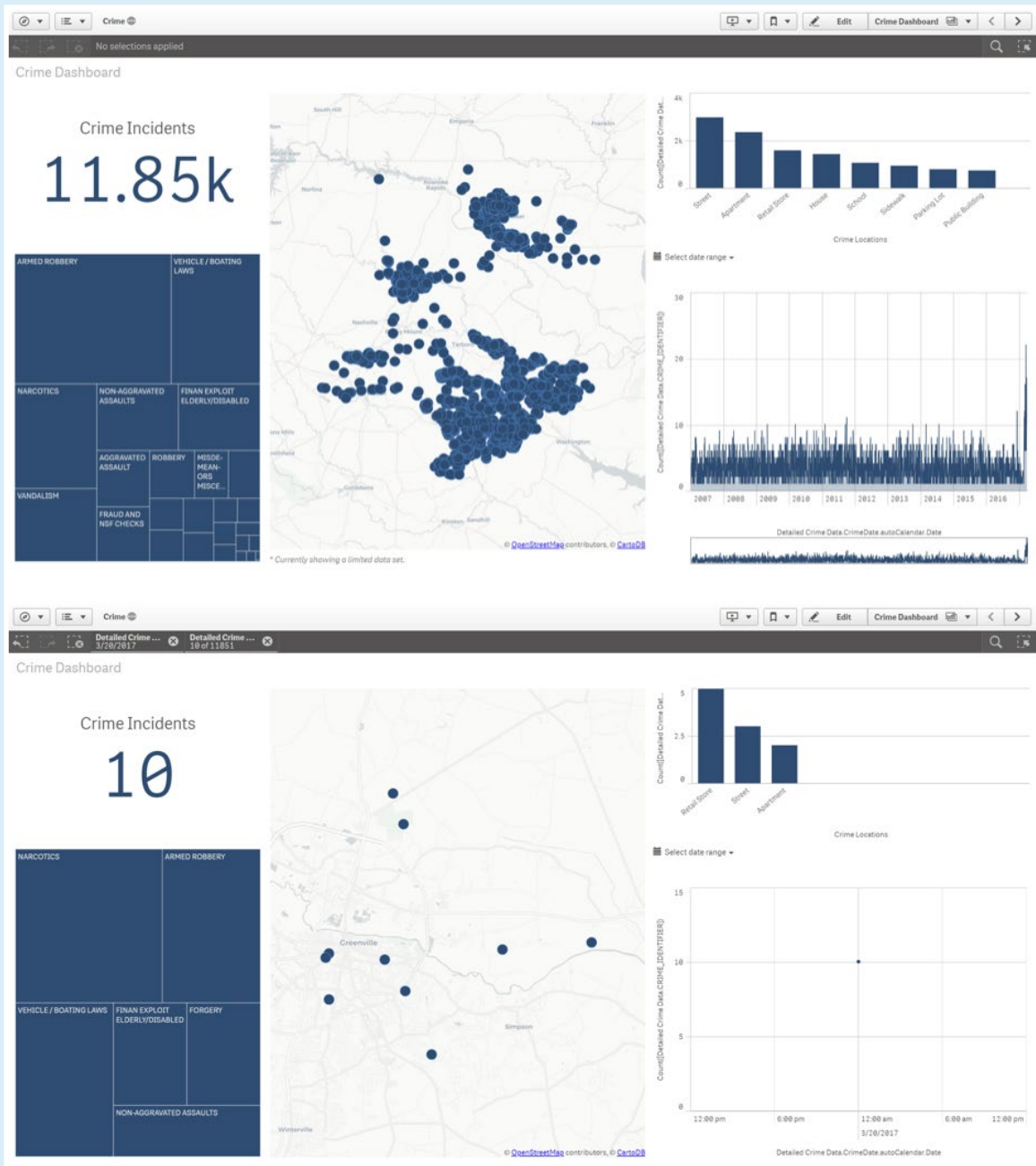
Qlik brings out the analyst in everyone, taking self-service to a new level of power and flexibility, so that police departments are more informed and capable of acting and reacting faster. For a precinct, this could occur in many ways, such as pixel-perfect reports delivered every morning, intuitive applications for data exploration, dashboards to understand neighborhoods of concern, and interactive KPIs to determine best performing officers.

Body Cameras in Law Enforcement

A great example for data analytics within a police force is in the use of body cameras. Body camera use by police departments has increased dramatically over the last several years. According to a report from the Lafayette Group, published in December 2015, about 19% of large police departments are fully operational with body cameras, and another 77% are either intending to deploy or in a pilot phase to do so.

Big data from audio and video from officer body cameras and dash cameras signify a treasure trove of information which can be used to increase public safety, determine crime patterns and identify potential suspects. But, being able to analyze this data in a concise and time effective manner can be a major issue for departments. Let's look at three ways in which Qlik data analytics can aid police in better utilizing information gathered from body cameras.

To find out more about Qlik Analytics or to schedule a demo contact us at Qlik@copleycg.com.



1 Zero in on Crime Patterns

With Qlik, a user can pull together data, including body camera data, from several thousand crime incidents into a simple dashboard. An officer can start from a high level and then interact with Qlik to narrow the analysis from thousands of crime incidents, down to a specific subset, in this case, 10 crimes. They can also see what types of crimes were committed, as well as the location of those crimes. With this data, a department can more effectively deploy their officers to the most pressing areas in need of protection.

2 Identify a Suspect

Utilizing data analytics with video can assist in the search for suspects. Consider a case where a sketch composite has been created of a suspect. The police now know the eye color, skin tone, hair length and other characteristics for the suspect. Typically, it would take countless hours of an officer going through mug shots and video surveillance to identify a match. With Qlik, an officer can now batch analyze terabytes of video data and narrow down a suspect list in a fraction of the time it would take to manually do so. This results in a more efficient use of an officer's time and the potential of taking a dangerous criminal off the streets before another crime is committed.



3 Gauge Individual Officer Behavior

Lastly, police organizations can drill all the way down to the specific officer level to get a 360-degree view of this officer. In this dashboard, a user can see officer demographic information, what kinds of certifications they may have, as well as information regarding their Use of Force incidents. Police squads can leverage this data to understand if officers have a pattern of racial profiling, if they are acting appropriately during physical altercations with suspects, and even analyze the video during an incident for future training.

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