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- [Non-Flash page](#)



New York Police Dept.  
Real Time Crime Center

- [Let's go to the videotape](#)



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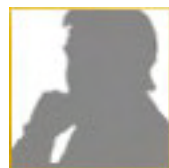


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## Piecing together a crime in bits and bytes

While forensics coaxes the details of a crime out of the physical evidence, analytics can coax the story of a crime out of the data: names, ID numbers, photos, video, signatures, even information gathered decades ago. Take a look.



[Play video](#) (2:25min, 2MB)

### Entity Analytics

#### Video transcript

Now let's see the IBM Threat and Fraud Intelligence Solution for Law Enforcement in Action.

Detective Tom Kim was leading an investigation into the activities of one Brian Hester, suspected head of a city-wide drug distribution ring. Detective Kim was not having much success. It seemed every time one of his undercover officers would get close to the suspected crime boss, the cover would be blown and the investigation would come to a sudden halt.

On a hunch, Detective Kim ran the department's employee file through the real time collaborative criminal investigation and analysis system. This analytic repository created to disambiguate identities and expose relationships between

criminals, syndicates and gangs was being used across several regions and departments to analyze and expose criminals trying to hide their identities and their links to other persons or organizations.

Working with an analyst, Detective Kim sets the system to generate alerts based on shared bank accounts, telephone numbers and P.O. boxes to look for links between Mr. Hester and persons employed by the department.

The system immediately generates an alert showing that Officer Kate Green in the Booking Department has the same cell phone number previously used by the crime boss. Further investigation reveals that Officer Green was in fact the suspect's ex girlfriend.

It was subsequently discovered that Hester would employ Officer Green to cross reference names and photographs of all his people, contacts and customers against the list of all the department's employees to reveal the presence of any undercover officers.

Using IBM's Real Time Collaborative Criminal Investigation and Analysis Solution for Local and State Law Enforcement, Detective Kim was able to reveal the inside threat and close the investigation.

In another scenario, Jim Evans gets pulled over for a speeding violation on the Cross Bronx Expressway. The officer runs his plates, checks his license, issues a ticket and sends him on his way.

Had the officer been using IBM Threat and Fraud Intelligence Technology however, she would have known that the driver she just pulled over is wanted for multiple violations across the region and is, in fact, hiding his identity using aliases, multiple licenses, vehicles and addresses.

Crime fighters can now use the information they have on Jim Evans to drill down into the repository for deeper analysis in building rap sheets, uncovering criminal relationships, identifying conflicts and investigations and generating leads.

[End of segment]

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