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Smarter Public Safety

Analyzing patterns for safer cities

Overview   Case studies   Solutions

What do the greatest crimefighters have in common?

Smart public safety. Watch the video.

Solutions for law enforcement and emergency management → Learn more

Whether they're on our streets or in our literature, they know how to get inside a criminal's mind, and they seem to have a sixth sense that points out the next emergency hot spot before an event occurs.

With data collection happening everywhere for all kinds of purposes, real-life problem solvers have new ways to enhance their intuition. For solutions to everything from traffic tie-ups to security breeches, public safety agencies can gather disparate, voluminous data and use analytics to derive new insights and uncover trends before they become systemic issues or criminal events.

The IBM Intelligent Operations Center synchronizes and analyzes information gathered from diverse data-collection systems. Patterns revealed through analytics help decision makers anticipate—rather than just react to—problems, and dispatch first responders to the scene faster. The results, such as predictive policing, mean better citizen-centered service...whether minimizing inconveniences, overseeing emergencies or stopping crime.

How technology helps city agencies make sense of data
(00:03:31)

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IBM point of view: 21st Century Emergency Management

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Bringing policing up to speed in developing economies

Modernizing a police force by employing new technology simply makes good sense, and can even return dramatic positive results. Improving protection of the public is a given. Economic benefits from reducing crime and streamlining information collection and administration are equally important behind the scenes.

In rapidly developing economies, the higher the crime rate relative to operational spending, the greater the potential for improvement, making the business case even stronger. But how can a country justify the cost of technology investments?

In this study from the IBM Center for Applied Insights, learn about the basis for the modernization argument, and read how to begin the process. Read The business case for modernizing policing in rapidly developing economies.

→ **Visit the interactive Smarter Public Safety experience**

Next steps to Smarter Public Safety

→ Register now for i2 Summit September 9-10, 2014

↪ Register for the virtual event "Enabling Smarter Cities with the IBM Intelligent Operations Center"

↪ Analyze projected benefits and savings using the Benefits

Keeping our cities safe is a critical factor in their economic viability

Public officials are turning to the same technology advances that businesses have been using—autonomic sense-and-respond capabilities, analytics, visualization and computational modeling—to make our public safety systems smarter, and drive a fundamental shift from responding to events to anticipating and preventing them, when possible.

**The social side of
Public Safety**

Miami: new patterns for cold cases

The Miami-Dade Police Department, which protects 2.5 million citizens in Florida's largest county, compensates for outdated and disappearing evidence in old cases by using analytics from solved cases to fill in gaps and answer questions on unsolved ones. Working with IBM specialists, their efforts resulted in a lead-modeling tool called Blue PALMS (Predictive Analytics Lead Modeling Software).
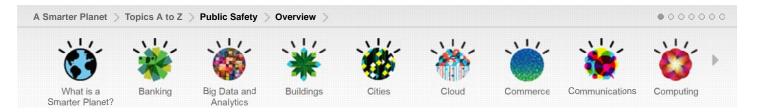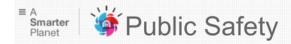
▣ Watch the video
(00:03:33)

Madrid, Spain: lessons from a terrorist attack

Created in the aftermath of the terrorist train bombings on March 11, 2004, the Integrated Security and Emergency Centre (PDF, 179KB) for Madrid coordinates the resources and efforts of the police, fire, highway, hotline and ambulance units, among others. A 90-foot wall of screens displays traffic video from surveillance cameras, maps with GPS data, and the status and location of personnel.

Colombia: united front against organized crime

The Financial Information Analysis Unit of the Colombian government worked with IBM to develop a tool that could systematically gather information across different agencies, and analyze it to identify potentially related crimes. The SOA-based system links 16 government entities into a single, united front to fight organized crime.

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Public Safety

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Featured case studies

Rio de Janeiro
is transforming its emergency response system to prepare to host the World Cup and Olympics.

▶ Watch the video (00:02:38)

Fighting crime with ones and zeros
The New York Real Time Crime Center consolidates disparate data into real crimefighting results.

▶ Watch the video (00:02:02)

Lancaster's predictive modeling
Despite budget cuts, a California city reduces crime more than 35 percent.

▶ Register for the case study (640KB)

UK police link up
Police forces in the U.K. weren't communicating well. A police intelligence system with more than 1.5 billion records eliminated information-sharing barriers between forces and improved the ability to identify crime suspects
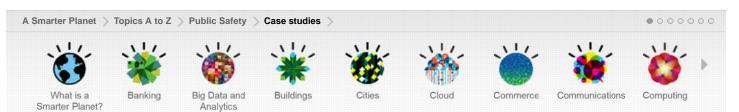
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↪ Benefit Estimator for Government

Stay informed

→ Smarter Public Safety: Enabling And Enhancing Crime Fighting Capabilities

→ Value of Public Safety and Security

→ See how Public Safety works in TheSmarterCity. Take a tour.

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Public Safety

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Overview   **Case studies**   **Solutions**

Solutions for more instrumented, interconnected and intelligent systems

Emergency management solutions

Emergency management solutions can assist cities in collecting, consolidating, analyzing, visualizing and distributing critical information among multiple agencies and first responders. Data visualization, real-time collaboration and deep analytic capabilities enable cities to plan and prepare for emergencies, coordinate response efforts and accelerate recovery.

→ **Solutions for emergency management**

→ IBM Intelligent Operations Center

→ Video correlation and analysis suite from IBM

→ Content analytics

Law enforcement solutions

Law enforcement solutions can help agencies collect, integrate, analyze, visualize and distribute information to officers virtually anywhere—in operations centers, investigative offices, on patrol or at a scene—while sharing information with other organizations.

→ **Solutions for law enforcement**

→ IBM Intelligent Law Enforcement

▪ Intelligence generation: IBM i2 Intelligence Analysis Platform (839KB)

→ Integrated intelligence analysis

→ Tactical lead generation

→ Video correlation and analysis suite from IBM

→ Content analytics

Contact IBM

✉ E-mail us

📞 Call us at
1-866-426-4252

Webcast

↪ Analytics Solutions for Public Safety: Creating a better place to work and live

Read more

→ White paper: Beyond Borders, Tracing the Impacts of Public Safety

▪ Law Enforcement (1.3MB)

▪ Emergency management (1.5MB)

Rio's Intelligent Operations Center

▪ Watch the video (00:02:38)

→ Learn more

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