A public safety organization

By implementing a solution that integrates criminal records and helps link potential suspects with crimes, this public safety organization has transformed the way police bring criminals to justice.

The Opportunity

To bring criminals to justice efficiently, law enforcement officers (LEOs) must collaborate. Yet police forces across the country were working in isolation, which inhibited them from sharing records and evidence in a timely manner. Without a comprehensive view of crime and investigation records from across the nation, police forces struggled to link suspects with unsolved crimes. After a public inquiry confirmed that the lack of timely intelligence and collaboration between police forces had caused the primary suspect of a high-profile murder case to go unidentified for two weeks, this public safety organization recognized the need for a secure, centralized police intelligence system that could help improve the efficiency of investigations.

What Makes It Smarter

By implementing a robust police intelligence system that establishes clear visibility into records gathered from across the nation, this public safety organization eliminated information-sharing barriers between forces while improving the ability of LEOs to identify the most likely suspects of crimes. The new solution integrates more than 1.5 billion crime, custody, domestic violence and child-abuse records from 230 databases maintained by 49 police forces across the nation, establishing a secure and centralized repository for important records. Further, the new solution scans each record for data associated with persons, objects, locations and events, running probabilistic algorithms to group together records that most likely refer to the same individual. By analyzing these groups, LEOs can connect potential suspects with crimes, identify new patterns of criminal behavior and quickly take action in an appropriate manner.

What if unsolved crimes could be reduced through timely and collaborative police intelligence?

Solution Components

- IBM® InfoSphere® Master Data Management Standard Edition
- IBM Business Partner Logica

Real Business Results

- Accelerates information sharing between forces from up to two weeks to less than 30 minutes, an improvement of 99 percent
- Empowers LEOs to link suspects with crimes and identify patterns of criminal behavior more quickly, thereby enabling them to take action earlier in investigations
- Fosters improved collaboration and greater force efficiency across the country

For more information

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