Implementing Enhanced Security Measures to Reduce Crime & Improve LEO Response Times

Case Study | **Advanced Analytics**

TOP-20 CANADIAN CITY

THE PROBLEM

While already a large city, recent explosive growth had seen the city double in population over the past ten years. With this, came a corresponding rise in the rate of crime.

The city was looking to implement enhanced security measures that could reduce crime and improve the ability of local law enforcement to respond to potential alerts.

The city published an RFP to the street, soliciting solutions that could implement these measures.

THE SOLUTION

Mastech InfoTrellis, well-versed in Smarter City initiatives, was able to propose a cost-effective solution. After negotiating with the city, work began quickly.

We deployed an Augmented AI solution that enabled the city to track, monitor, and profile persons of interest. The enriched profiling data was used to construct a surveillance system.

Mastech InfoTrellis conducted a field-testing effort with local LEOs, and took their feedback into account as they refined the system.

THE OUTCOME

While overall crime rate is impacted by more than law enforcement activity, the Chief of Police attributed the lion's share of a 14% YoY drop in crime to the new AI-enabled solution.

Local law enforcement agencies were more able to communicate with state and federal agencies on larger cases.

Local agencies were also able to more effectively track specific Person-of-Interest cases while improving the processing of suspects of crime.

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