

CrimeAnalyst

Strategic intelligence at your fingertips



Delivering crime analysis to support intelligence-led policing

One of the primary drivers behind intelligence-led policing is the requirement to deliver better policing with fewer resources. Understanding where and when crime is happening is vital to directing resources to increase the quality of existing intelligence-led approaches.

Targeting volume and serious crime requires the public safety community to employ increasingly sophisticated intelligence gathering techniques. To gain maximum value from this information, it must be analyzed and shared quickly, creating actionable intelligence for those who need it.

In one intuitive solution, CrimeAnalyst from ESRI (UK) brings together the tools you need to better understand and make sense of your incident, crime, and intelligence data - today. With CrimeAnalyst, trends in criminal behaviour can be assessed and visualized through one of the most advanced suites of spatial analysis tools available,

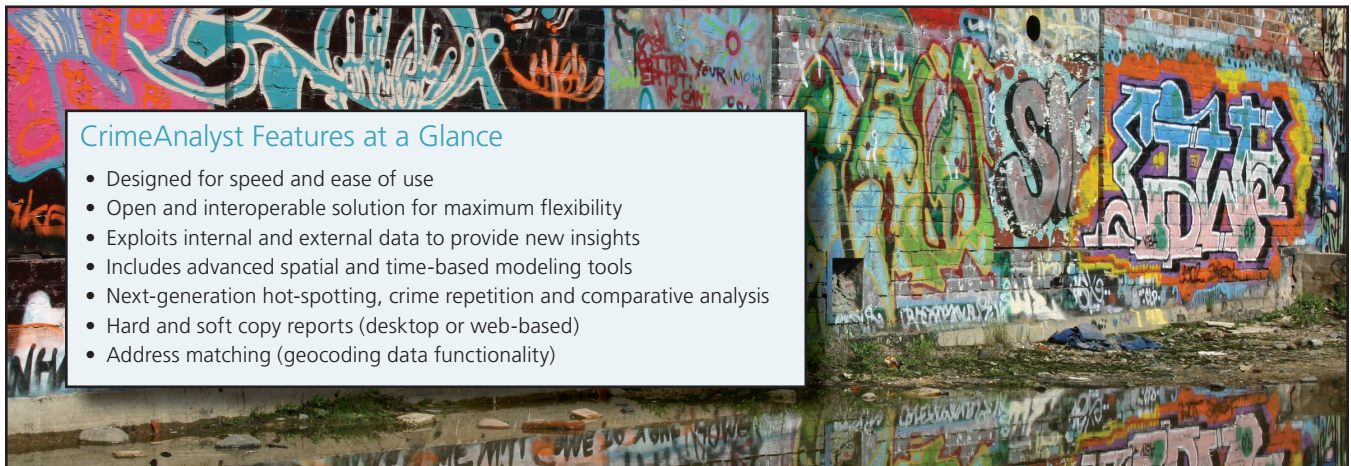
helping you make faster, more informed decisions. And because CrimeAnalyst has been designed to integrate seamlessly with other network applications, the result is easier information sharing, more effective resource deployment and ultimately, more effective policing.

“There is no doubt that GIS has a significant place in police operations and we have found that CrimeAnalyst extends the power of our mission critical applications.”

Rob Conlin, Senior Systems Analyst, Ottawa Police Service

CrimeAnalyst – a world class solution you can access today

CrimeAnalyst integrates powerful analysis tools with a proven GIS framework to deliver advanced flexible and affordable crime mapping and analysis capabilities.



Empower your force at every level

The benefits of CrimeAnalyst do not have to be restricted to desktop users at headquarters. Used in conjunction with ArcGIS server technology, the insights gained from CrimeAnalyst can be made available quickly and easily across the force at the desktop, via the intranet, on mobile devices in the field, or even to the public over the web.

Exploit more data sources to enhance your analysis

CrimeAnalyst works within one of the most open and interoperable GIS platforms available. This allows information held within the force to be integrated with data from many other sources.

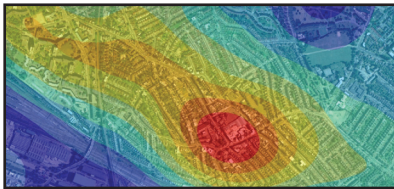
Tangible return on investment

CrimeAnalyst users are realizing a number of cost and efficiency savings. For example:

Faster analysis – CrimeAnalyst’s user friendly design cuts the time it takes to perform simple tasks allowing you more time to focus on detailed analysis.

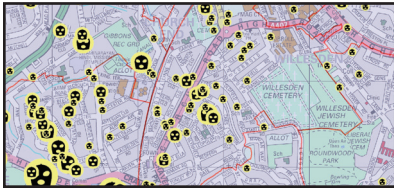
On demand access to intelligence – Once created, results of the crime analysis can be easily deployed across the network, resulting in dramatic time savings. Operational staff are able to access local intelligence on demand, up to 20 times faster than making a traditional request via the Analyst.

Visionary thinking in action



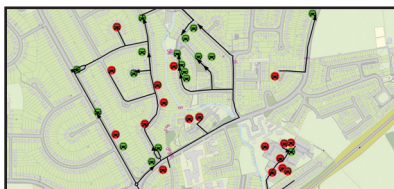
Intuitive Hotspot Mapping

Creating hotspot maps, often a complex task given the huge amount of data needed, is simple with CrimeAnalyst's intuitive interface. The advanced hotspotting tools use powerful formulae to produce truly effective hotspot maps that reflect the true geographic nature of crime; transcending artificial boundaries and increasing the opportunity for cross-border analysis.



Temporal Analysis - linking time with space

With CrimeAnalyst's unique temporal tools, you can create data clocks, summarizing crime patterns by time of day and day of the week. These temporal patterns are dynamically linked to spatial patterns on the map. CrimeAnalyst also helps extract data for specific time periods making it easier to identify trends, such as a night-time burglary series. These tools provide a clear insight into how crime is temporally distributed, and makes focused analysis and visualization easier.



Journey to Crime

The Journey to Crime tool helps you find geographic patterns and trends within diverse crime and intelligence data. For instance, you can identify the average distance an offender travels to commit specific crimes, or find the relationship between where cars are stolen and where they are recovered. This tool can also be used to support targeted enforcement activities by analyzing the relationship between location and time of day/night to more efficiently target impaired drivers.

Address Matching

Accurate geocoding provides the foundation for crime mapping. Our address-matching tool provides flexible and intuitive options for geocoding locations for analysis and visualization on the map.

Automated Crime Statistics

CrimeAnalyst's powerful functionality also extends to the type of crime being analyzed. Instead of reporting total crime in each area, the tool can use Home Office crime class and subclass codes to automatically count and visually communicate the number of crimes in each of the nine major crime categories.

Query Management

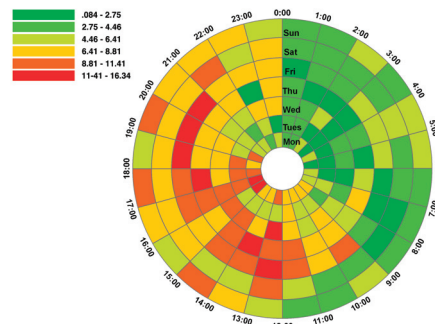
The Query Management tool redefines the way in which queries are created, maintained, edited and executed. The tool provides an interface for managing queries that are frequently reused during analysis, greatly reducing the time and effort it takes to recreate complex SQL statements.

Comparative Case Analysis

Detection rates increase where criminal profiles can be matched with offences. Using CrimeAnalyst's simple yet powerful comparison tools, incidents can be pinned down to particular locations and matched with information such as physical description, modus operandi, or type of goods stolen.

Analysis by Date/Time

This flexible feature makes it easy to filter incidents by date and time. In addition, you can choose between aoristic or non-aoristic methods for incident selection. This tool enables both simple and sophisticated time/date searches. Advanced searches, for example, identifying incidents that only occurred on the weekend between 9 p.m. and 1 a.m. for a three month period can be executed with ease.



CrimeAnalyst is an extension to the ArcGIS Desktop suite of products. It requires an ArcView, ArcEditor or ArcInfo version 9 or above license to operate.

To learn more about ESRI Canada's solutions for Law Enforcement visit, www.esricanada.com/products/crimeanalyst

Helping you meet your performance goals

How can CrimeAnalyst assist your force?

Greater citizen focus – helping determine areas of concern and facilitating resource allocation, thereby providing reassurance to the community.

Tackling volume crime – visualizing patterns and concentrations of volume crime faster than standard tabular statistical data allows for more effective targeting and resource allocations.

Investigating serious crime – CrimeAnalyst gives you the tools you need to track, sort and analyze data concerning serious and organized crime.

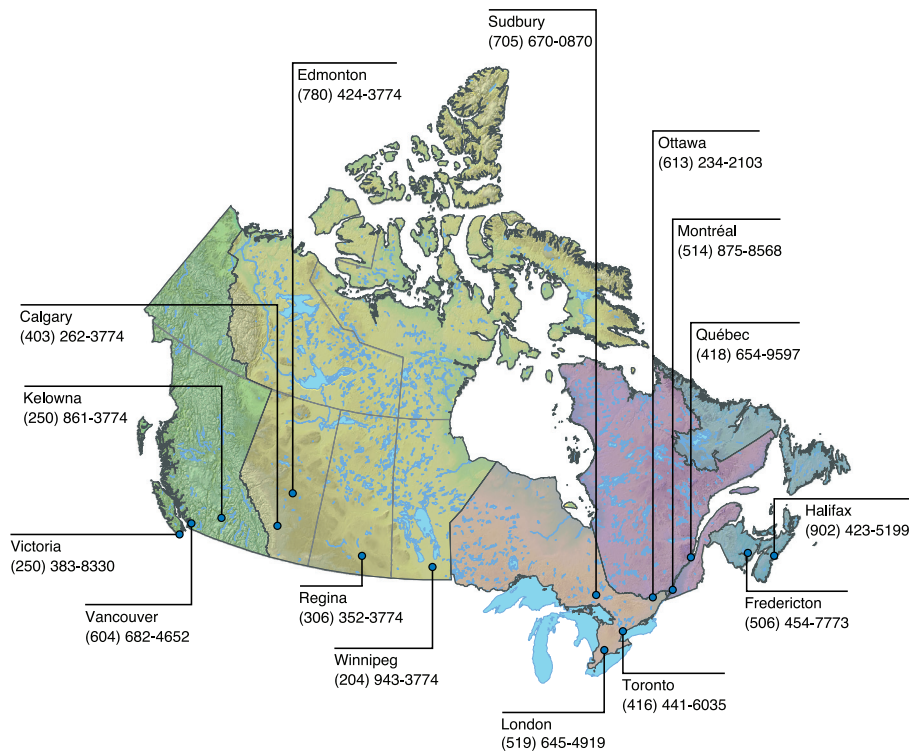
Increasing community safety – advanced hot-spotting, crime counting, and time-based analysis tools allow you to conduct targeted enforcement activities that instill greater public confidence.

Better resource allocation – CrimeAnalyst provides new insights that can be used to determine the resources and equipment to deploy – increasing operational effectiveness and officer safety.

Enhanced decision making – commanders can underpin their strategies and plans with more accurate and timely information.



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