



CrimeAnalyst

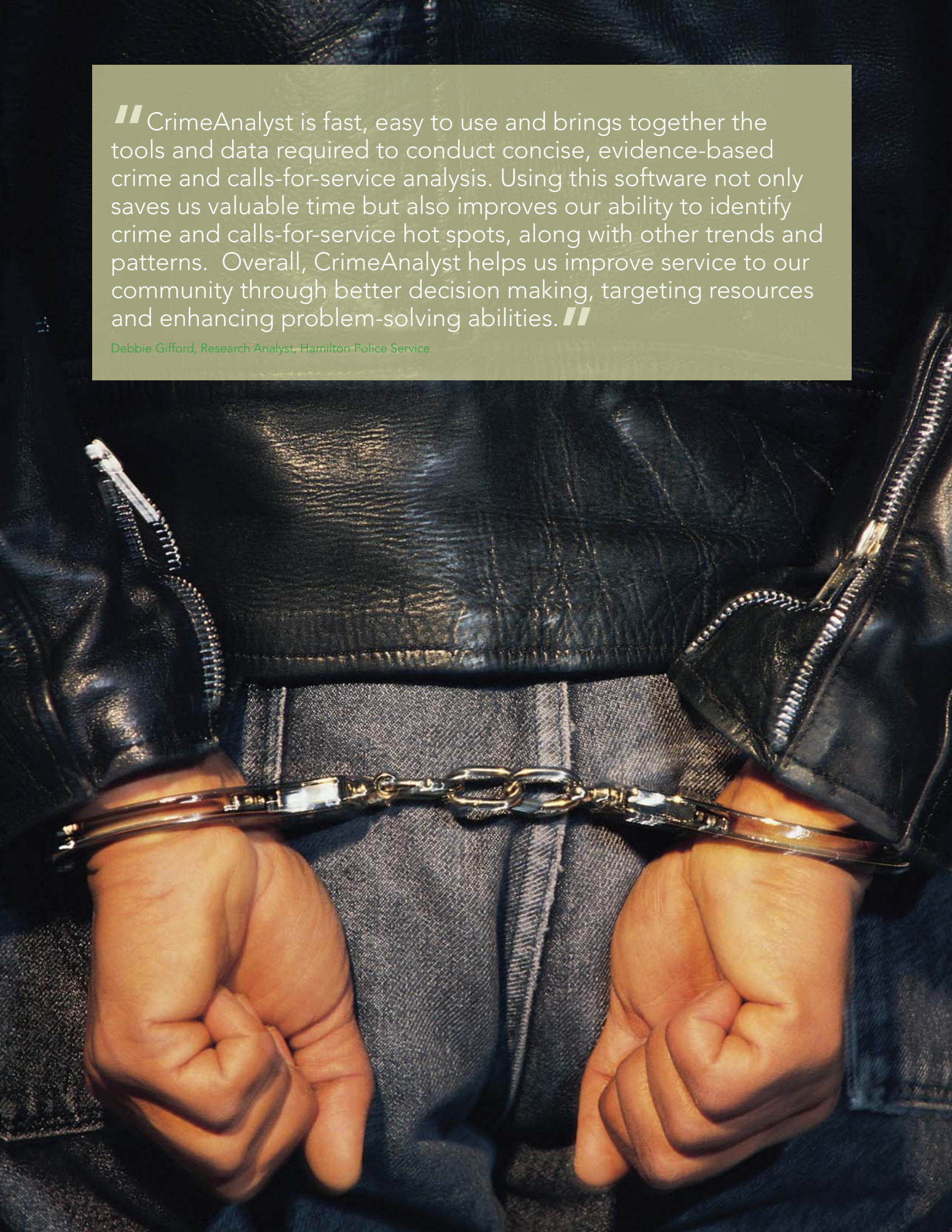
Unlocking the full potential of your intelligence

CrimeAnalyst



“ CrimeAnalyst is fast, easy to use and brings together the tools and data required to conduct concise, evidence-based crime and calls-for-service analysis. Using this software not only saves us valuable time but also improves our ability to identify crime and calls-for-service hot spots, along with other trends and patterns. Overall, CrimeAnalyst helps us improve service to our community through better decision making, targeting resources and enhancing problem-solving abilities. ”

Debbie Gifford, Research Analyst, Hamilton Police Service



“ With our old software it could take a police officer up to forty minutes to examine a robbery in a specific area – through data mining, data conversion and mapping. CrimeAnalyst allows the same thing to be done in about two minutes via the intranet. ”

Mark Hamilton, South Yorkshire Police



Make effective use of limited resources...

Police forces, local authorities and their public safety partners face tough targets for reducing crime and increasing public confidence. These targets get more and more ambitious every year. Achieving them in a climate of tightening budgets and fewer resources is a real challenge.

Esri (UK)'s CrimeAnalyst solution allows you to make smarter use of the intelligence at your disposal – and this, in turn, can help you to simultaneously reduce both crime and costs.

First launched by Esri (UK) in 2005, CrimeAnalyst has become well established in the public safety community and is used in police forces, crime prevention partnerships and intelligence groups around the world. Responding to the needs of end users, it has been enhanced with a range of new capabilities that make it even easier and quicker to develop National Intelligence Model (NIM) compliant analytical products.

In particular CrimeAnalyst is helping analysts and researchers create tactical

and strategic assessments more quickly, allowing more time to develop in-depth problem and subject profiles. For example CrimeAnalyst enables analysts to:

- Obtain a far deeper insight into crime patterns and trends, so that you can **develop more effective local and regional policing strategies**
- Link crime hot spots, hot routes and hot times, enhancing your ability to **deploy resources when and where they will have the greatest impact**
- Get rapid, easy access to up-to-date data from any desktop, or mobile device, so that you can **react quickly to new threats**
- Present crime data in a format that is easy to understand and share it with a wider range of partners, to **improve your community relations and partnership working**
- Remove duplicated effort on repetitive

manual tasks to **reduce administrative costs and free up analysts' time for other, more focused projects**

In these ways and more, CrimeAnalyst helps police forces and other agencies to make the most of their intelligence to better understand priorities, plan strategically and react quickly to collectively reduce crime. By ensuring that resources are focused in the right place at the right time, you can increase your capability and capacity, despite financial constraints.

Cost savings

South Yorkshire police force estimates that its use of CrimeAnalyst led to significant cost savings in the first year alone. These savings have been reinvested in further Esri mapping solutions anticipated to achieve even greater savings.

At the same time, CrimeAnalyst also contributed to reduced crime and improved community confidence.



with better intelligence about crime...

CrimeAnalyst goes a long way beyond simple hot-spot mapping. Based upon Esri's market-leading ArcGIS geographic information system (GIS) software, it is the most advanced suite of crime pattern analysis tools available. It has been purpose-developed to meet the needs of the analytical community and is regularly enhanced to meet the changing needs of customers.

CrimeAnalyst introduces a number of important advancements based on feedback collected during focus groups of analysts from a number of organizations. It now provides more powerful spatial, temporal and statistical analysis capabilities. It also allows greater integration with other third party applications and enables analysts to more easily exploit external data sets and web services.

Using CrimeAnalyst, police forces and other partner agencies have the opportunity to explore trends in criminal behaviour and incidents of crime to a new level of detail. And with better intelligence about crime, they will be better equipped to prevent it.

accessible to everyone

The benefits of CrimeAnalyst do not have to be restricted to analysts at their desktops. Used in conjunction with Esri's ArcGIS Server technology, CrimeAnalyst can be used to share valuable insights and intelligence with:

- All staff via a centralized server and the organization's existing IT network
- Officers working on the beat in the community, via mobile devices
- Partners, such as the fire service, health authority, local council and crime partnerships, via a secure extranet
- The general public, via the Internet

When information about crime is available, on demand, to everyone who needs it, analysts don't have to waste time answering individual queries and no one has to wait for answers. With CrimeAnalyst, new intelligence gets straight out to the front line, where and when it is needed.

“The success and failure of a Community Safety Partnership hinges on how well the different partners accept the data and work together to act upon it. When partners see their own data in a map format, used in conjunction with that of the police and council, for example, they can see how they fit into the partnership and what value they add.”

David Onions, Worcestershire County Council

**CRIME
SCENE
DO**



What could you do with five hours more a week?
 In a survey, 76% of CrimeAnalyst users reported time savings of up to five hours a week. The time they have regained is now enabling them to investigate criminal behaviours and crime patterns more thoroughly and provide critical new intelligence to officers.

Have the time to make a difference

Analysts play a vital role in enabling today's intelligence-led crime reduction approaches. However, there are many demands on analysts and a significant amount of time can be taken up creating basic scanning and reporting products or generating customized maps. As a result, skilled staff are prevented from being able to focus fully on generating in-depth analysis products.

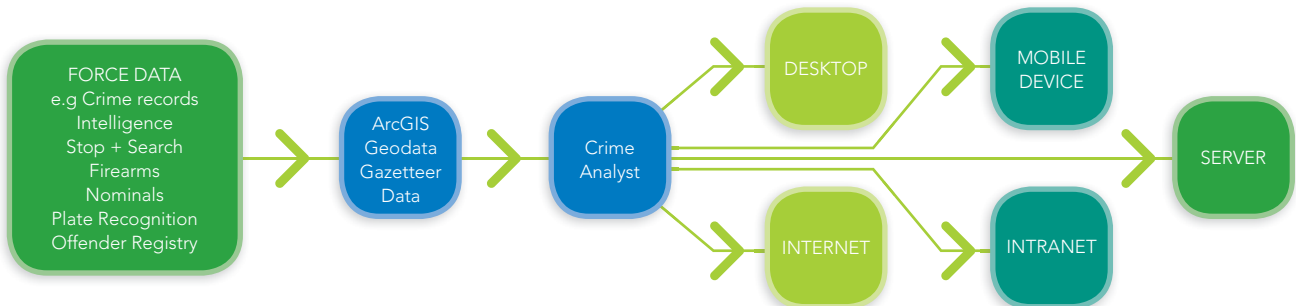
CrimeAnalyst alleviates this problem by enabling analysts to create routine products and answer ad hoc queries much more quickly and efficiently. At the same time, the solution also provides advanced analytical tools, capable of revealing hidden patterns within existing datasets. Consequently, analysts gain both the time and the tools they need to delve deeper and reveal intelligence that will really make a difference.

CrimeAnalyst: Key

CrimeAnalyst offers many advanced features including:

Microsoft Bing Maps

The ArcGIS platform provides seamless, free access to Microsoft's Bing Maps, allowing analysts to enhance the results of their investigations and presentations with aerial imagery. Bing Maps also gives police forces free access to maps beyond the boundary of their own authority, which can be very helpful when sharing information with neighbouring forces and partners with different areas of responsibility.





Features

Model Builder

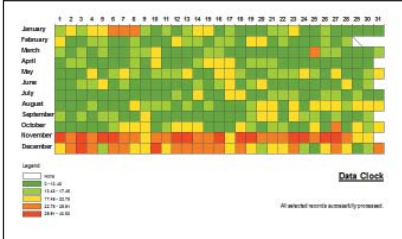
CrimeAnalyst features unique new tools that can be used to quickly and easily create models for producing scanning and analysis products such as hot spot maps, data clocks, seasonal analysis, crime counts and repeat victimization maps, amongst others. Once created, these models can be set to run automatically, significantly reducing the time required for these tasks. The models can also be shared, promoting standard approaches between analysts and partner agencies.

Data Clock Options

CrimeAnalyst data clocks summarize crime patterns by the time of the day and the day of the week. As well as traditional circular data clocks, CrimeAnalyst also offers seasonal and rectangular clocks to help forces gain an even clearer understanding of crime patterns. A new seasonal analysis tool considers even wider timescales, allowing the study of annual events, school terms, holiday periods and other factors.

Repeat Patterns

Tools such as the Point Cluster Renderer enable forces to pinpoint and communicate locations where multiple crimes of a similar type have occurred. CrimeAnalyst also allows such repeat patterns to be investigated more fully using flexible data searches.



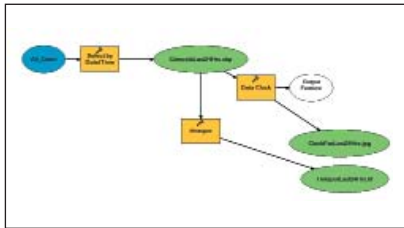
Seasonal data clock takes into account annual events

Journey To Crime

CrimeAnalyst allows analysts to plot potential routes associated with crimes, such as vehicle thefts or joy riding. By utilizing road network data, or other datasets, which can be easily consumed within the system, analysts can identify routes most likely to be used by offenders and use this information to site cameras, plate recognition systems and other resources for best impact.

Integration With Other Solutions

CrimeAnalyst assists workflows, by facilitating direct access to other key tools and resources. One example is a simplified Excel import tool, which enables analysts to quickly import Excel data, access powerful spatial statistics tools and analyze outputs. It can also be easily linked to i2's Analyst Notebook, Record Management Systems (RMS), Computer Aided Dispatch (CAD) Systems and data mining or bridging software (available separately) to help you maximize the value from your existing investments.



Create models in a few clicks, save for repeated use, run at set times and share with others.



esri.ca

Esri Canada

12 Concorde Place
Suite 900
Toronto, ON M3C 3R8
T: 416-441-6035
F: 416-441-6838

Customer Care

1-800-447-9778
customer care@esri.ca

Technical Support

1-877-441-0337
support@esri.ca

Founded in 1984, Esri Canada provides enterprise geographic information system (GIS) solutions that empower businesses, governments and educational institutions to make timely, informed and mission-critical decisions by leveraging the power of geography. The company distributes the world's leading GIS software from Esri, Telvent, Cityworks - Azteca Systems, Inc. and other technology partners. Headquartered in Toronto, the company serves over 10,000 customers from 16 regional offices across Canada.

British Columbia

Vancouver: 604-682-4652
Victoria: 250-383-8330
Kelowna: 250-861-3774

Alberta

Calgary: 403-262-3774
Edmonton: 780-424-3774

Saskatchewan

Regina: 306-352-3774

Manitoba

Winnipeg: 204-943-3774

Ontario

Toronto: 416-441-6035
Ottawa: 613-234-2103
London: 519-645-4919
Sudbury: 705-670-0870

Québec

Montréal: 514-875-8568
Québec: 418-654-9597

Nova Scotia

Halifax: 902-423-5199

New Brunswick

Fredericton: 506-454-7773

Newfoundland & Labrador

St. John's: 709-726-3774