

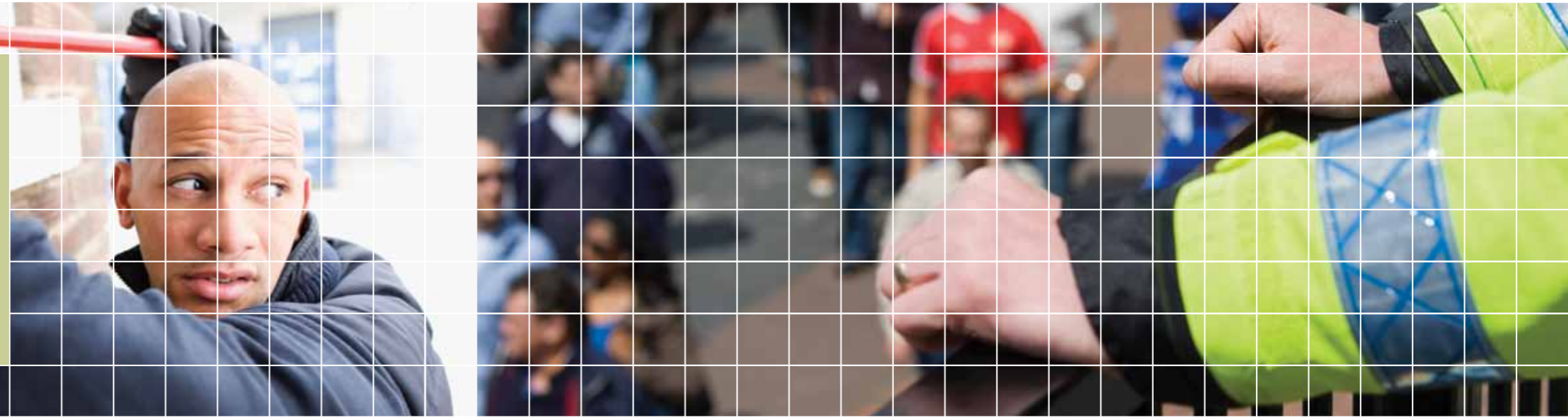
Unlocking the full potential of your intelligence

CrimeAnalyst 2.0



“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 across the UK and around the world. The latest version, CrimeAnalyst 2.0, builds on the proven capabilities of the solution. 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 2.0 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 2.0 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 2.0 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 2.0 introduces a number of important advancements based on feedback collected during focus groups of analysts from a number of organisations. 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 2.0, 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 2.0 do not have to be restricted to analysts at their desktops. Used in conjunction with ESRI's ArcGIS Server technology, CrimeAnalyst 2.0 can be used to share valuable insights and intelligence with:

- All staff via a centralised server and the organisation'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 2.0, 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

Visionary thinking in action

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 bespoke maps. As a result, skilled staff are prevented from being able to focus fully on generating in-depth analysis products.

CrimeAnalyst 2.0 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 2.0: Key Features

CrimeAnalyst 2.0 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.

Model Builder

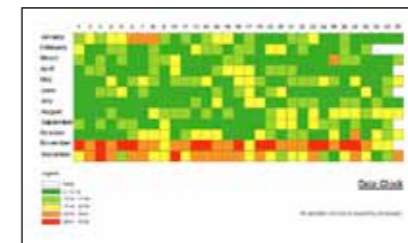
CrimeAnalyst 2.0 features unique new tools that can be used to quickly and easily create models for producing scanning and analysis products such as hot spot maps, data clocks, seasonal analysis, crime counts and repeat victimisation maps, amongst others. Once created, these models can be set to run 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 2.0's data clocks summarise crime patterns by the time of the day and the day of the week. As well as traditional circular data clocks, CrimeAnalyst 2.0 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 2.0 also allows such repeat patterns to be investigated more fully using flexible data searches.



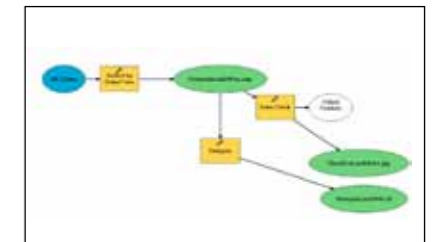
Seasonal data clock takes into account annual events

Journey To Crime

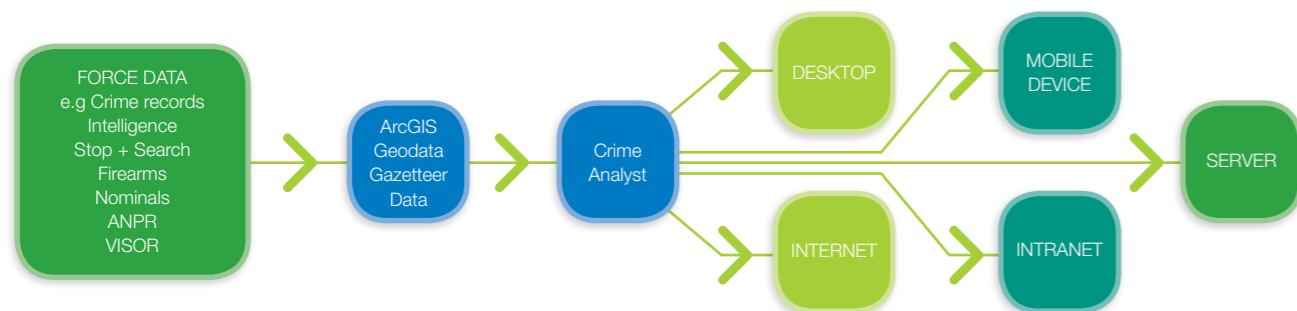
CrimeAnalyst 2.0 allows analysts to plot potential routes associated with crimes, such as vehicle thefts or joy riding. By utilising road network data, or other datasets, which can be easily consumed within the system, analysts can identify routes most likely to be used by offenders and use this information to site cameras, ANPR systems and other resources for best impact.

Integration With Other Solutions

CrimeAnalyst 2.0 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 analyse outputs. The solution also integrates fully with Ordnance Survey's Landline® and OS MasterMap® data sets. It can also be easily linked to i2's Analyst Notebook, SAS, Memex, Xanlys or SPSS's data mining software with bridging software (available separately) to help you maximise the value from your existing investments.



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



Find out more about **CrimeAnalyst 2.0** at:

www.esriuk.com/CrimeAnalyst

Or call +44 (0)1296 745 500 and ask to speak to one of our public safety experts.



Part of the package:

Attentive, knowledgeable support from public safety experts

As an ESRI (UK) customer, you don't just get world-class software. You also benefit from access to a complete range of support services to help you get the most from your investment in CrimeAnalyst 2.0.

These include:

Consultancy

ESRI (UK) offers the single largest pool of GIS consultants in the UK and can provide public safety-focused expertise ranging from short-term project support through to complete system integration.

Technical Support Services

Our highly experienced support team is on hand to provide extensive local support for CrimeAnalyst 2.0, ArcGIS, other ESRI (UK) products and bespoke GIS applications.

Training

ESRI (UK) runs a full GIS training programme each year, including courses specifically on CrimeAnalyst 2.0. Our courses can be tailored to your precise requirements and delivered at your premises.

For more information on these and other services, please visit www.esriuk.com/services/support

Technical Requirements

ESRI (UK)'s CrimeAnalyst 2.0 solution is an extension to the ArcGIS Desktop suite of products. It requires an ArcView, ArcEditor or ArcInfo version 9 or above license to operate.

Detailed system requirements can be found at www.esriuk.com/CrimeAnalyst

If you do not already have an ArcGIS 9 license, please contact ESRI (UK) for more information and a quotation.

About ESRI (UK)

ESRI (UK) is the leading provider of geographic information system (GIS) technology, helping businesses become more profitable and public service more efficient through a better understanding and analysis of location-based information. ESRI (UK) employs over 300 people across six offices and offers GIS technology and an extensive range of consultancy and training services. It is the only company in the UK able to provide a complete and entirely integrated GIS technical solution.

ESRI (UK) has been providing GIS solutions for over 20 years to a wide range of markets including Central & Local Government, Commercial, Defence & National Security, Education, Public Safety, Utilities & Telecommunications, as well as catering for system integrators and application developers through the ESRI Developer Network.

Customers include Birmingham City Council, DEFRA, the Environment Agency, Manchester City Airport, Metropolitan Police Service, Ministry of Defence, Ordnance Survey, RSA Group, ScottishPower and WSP Group.

ESRI (UK) is part of the ESRI global business network with more than 300,000 customers in 150 countries worldwide. ESRI technology runs on more than one million desktops and thousands of web and enterprise servers, providing the backbone for the world's mapping and spatial analysis.

ESRI (UK) helps organisations to think and plan geographically in order to make better decisions, keep communities safe and create a more sustainable world.

For more information, visit www.esriuk.com