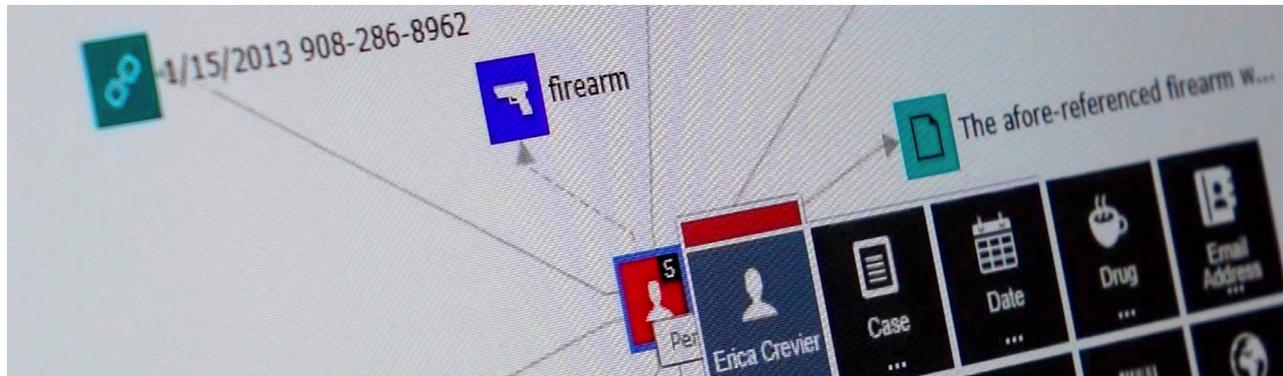# ADVANCED CRIME ANALYTICS

THE FASTEST WAY TO REVEAL ACTIONABLE INTELLIGENCE HIDDEN IN YOUR DATA.

PREVENT AND SOLVE MORE CRIME FASTER:

Intelligence and investigations teams are under increasing pressure to deliver results rapidly. Standing in their way are significant challenges, including fewer resources and increasingly complex crimes committed by sophisticated and well-armed criminals.

In addition, today's crimes create enormous amounts of complex data. This requires professionals to meticulously analyse all data sources to uncover entities of interest and eliminate irrelevant information. There is simply too much data, from too many places, arriving too quickly, in too many formats to handle with anything other than advanced technology.

Wynyard Advanced Crime Analytics (ACA) is a powerful investigative analytics solution essential for intelligence and investigations teams in law enforcement and government agencies to prevent and solve crime faster by rapidly revealing actionable intelligence hidden in data. Deployed at organisations around the world, Wynyard ACA is powerful in preventing and solving a wide range of crimes including: Organised Crime, Transnational Crime, Violent Crime, Human Trafficking, New Generation Extremism and Gun Crime.

NATIONAL, STATE AND LOCAL POLICE	FUSION CENTRES	CUSTOMS AND BORDERS	HOMELAND SECURITY	JUSTICE AND CORRECTIONS

KEY USER BENEFITS:

Intelligence Analysts
Increase your time spent analysing by automatically processing, visualising and extracting relationships, entities and events. Quickly run advanced analytics techniques to reveal actionable intelligence fast. Use both structured and unstructured data sources to provide rich context from which to draw conclusions.

Investigators/Detectives
Speed up case investigations and lead generation through intuitive exploration of data from every angle. Quickly see a complete picture of the investigation.

HOW WYNYARD ADVANCED CRIME ANALYTICS HELPS:

- **Search and analyse all of your data in one place** – Wynyard ACA brings all your data together in once place for analysis, meaning you can now fuse all of your data to uncover the hidden connections fast.

- **Process and analyse data automatically** – Regardless of data type, structured (financial transactions), semi structured (SMS Messages) or unstructured (witness statements), Wynyard ACA organises your data, automatically extracting entities, relationships and events, presenting you with a holistic picture of your intelligence and investigative holdings without the need for manual analysis. This means your team spends more time on extracting actionable intelligence.

- **Advanced analysis simplified** – In addition to intuitive visualisations and analysis techniques, Wynyard ACA allows your team, regardless of technical skill, to run advanced analytics techniques across your data. Now all members of the team can use features like anomaly detection to find patterns of behavior outside of the norm and quickly run pathfinder queries to discover connections across data sets.

- **Get fully operational fast** – Wynyard ACA is a highly configurable product, not a custom solution. Implemented by domain experts, ACA is rapidly deployable and able to be quickly shaped to meet your organisational requirements. Users get up and running fast due to our intuitive interface, resulting in a lower total cost of ownership and higher return on investment.

UNITED STATES	CANADA	UNITED KINGDOM	MIDDLE EAST	AUSTRALIA	NEW ZEALAND

WYNYARD™

KEY FEATURES

Multi-lingual automatic entity extraction/text mining

In different languages - quickly reveal people, places, events, objects and relationships hidden in both structured and unstructured data without manual processing.

Anomaly detection

Rapidly reveal unusual patterns of behavior across data sources.

Advanced search and query

Run advanced search techniques across your data to find relevant information fast.

Social network analysis

Use built-in capabilities to quickly visualise and analyse how networks of people are connected.

Geospatial analysis

Develop 'patterns of life' via geospatial analysis of GPS data such as cell-site and acquisition data.
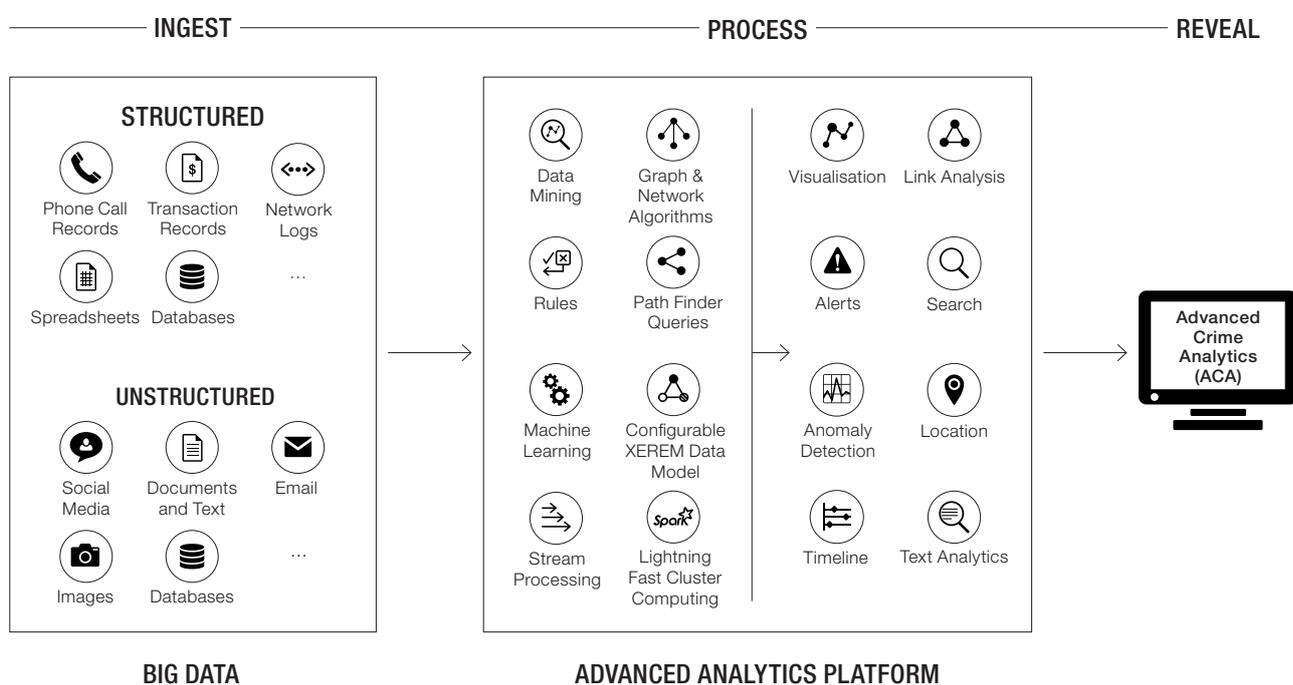
Context aware visualisation

Easily separate entities that are important by visualizing and analyzing relationships and patterns that would not otherwise be evident.

Timeline analysis

Easily expand or narrow the time range for any data element — from phone calls, to locations, to criminal incidents or other events.

Rules and alerts

Easily create rules to automatically run over your data, bringing the most important information to your attention fast.

| INGEST | PROCESS | REVEAL |

STRUCTURED

Phone Call Records | Transaction Records | Network Logs

Spreadsheets | Databases | ...

UNSTRUCTURED

Social Media | Documents and Text | Email

Images | Databases | ...

BIG DATA

Data Mining | Graph & Network Algorithms | Visualisation | Link Analysis

Rules | Path Finder Queries | Alerts | Search

Machine Learning | Configurable XEREM Data Model | Anomaly Detection | Location

Stream Processing | Lightning Fast Cluster Computing | Timeline | Text Analytics

ADVANCED ANALYTICS PLATFORM

Advanced Crime Analytics (ACA)

ABOUT WYNYARD GROUP

Wynyard Group is a market leader in high consequence crime fighting and security software, used by law enforcement and national security agencies, critical infrastructure operations and major corporations.

Its advanced crime analytics, advanced cyber threat analytics and investigations case management platform helps solve growing big data and security problems including organised and transnational crime, new generation extremism and high consequence cyber crime.

Wynyard partners with major systems integrators and the world's leading software companies and has offices in the United States, United Kingdom, Canada, Middle East, Australia and New Zealand.

For more information visit www.wynyardgroup.com

FIND OUT HOW WYNYARD ADVANCED CRIME ANALYTICS CAN HELP AT **WYNYARDGROUP.COM**

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