

USE CASE

NEXYTE for Crime & Terror Investigations

Accelerate your intelligence analysis with data fusion & analytics

In today's threat landscape, risk assessment and decision-making often span multiple disciplines, geographies, and domains, making it increasingly difficult for authorities to solve cases and save lives.

NEXYTE, Cognnyte's Decision Intelligence Platform, enables smarter decision making and risk assessment through multi-source data fusion and machine learning analytics. NEXYTE empowers security organizations to quickly resolve cases, predict crime trends and detect potential threats.

- + **31%** of law enforcement agencies are missing AI/ML capabilities to predict potential threats
- + **80%** of chief investigators admit to having challenges when it comes to data fusion for investigation purposes.

Source: <https://engage.cognnyte.com/s/df155ae0/data-fusion-and-analytics-for-chief-investigators-2022-survey-report/>

SOURCES ➤

- Call data records →
- WEB content →
- Criminal records →
- Digital forensics →
- CCTV →
- ...



INSIGHTS ➤

- New leads
- Automatic threat scoring
- Hidden relations
- Similarities & contradictions
- Patterns & anomalies
- ...

KEY BENEFITS OF USING NEXYTE FOR CRIME & TERROR INVESTIGATIONS



Unify your investigations into a single workspace to save time and resources

- + Fusion of siloed data into unified entities and suspects
- + Single pane-of-glass view for multi-source crime & terror investigations
- + Independent addition of data sources using standard APIs
- + Multi-layered access control for sensitive intelligence data



Increase your case resolution rate and identify illicit activities and suspects

- + Automatic threat scoring for suspicious individuals and groups
- + Generate new investigation leads and map networks using ML analytics
- + Collaborate across teams in a real-time investigative workspace



Extract previously unattainable insights from your intelligence data

- + Detection of hidden relations between groups, individuals and objects
- + Customer-defined ML analytics based on specific investigation needs
- + Entity and metadata extraction from any data formats to enrich your investigations



NEXYTE – CRIMINAL INVESTIGATION FLOW

1

Detection of crime trends in a designated area

NEXYTE fuses data sources and generates a predicted forecast



2

Initial indications of organized crime activities

Mapping hidden connections between suspected gang members and residents of the area of interest



3

Automatic classification of gang involvement level for each suspect

ML-based threat score for identifying suspects involved in violent and illicit activities



4

Identification of a high ranking gang member through affiliations and money transfers

Comprehensive activity timeline



WHY COGNYTE?

- + 25+ years of investigative analytics leadership
- + 1000+ customers in over 100 countries
- + Field-proven software with embedded best practices
- + Global customer support with local presence
- + Synergy with Cognyte's portfolio, including web intelligence, cyber security & blockchain analytics

Cognyte

About Cognyte Software Ltd.

Cognyte is the global leader in investigative analytics software that empowers governments and enterprises with Actionable Intelligence for a Safer World™.

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