

# USE CASE

## NEXYTE for Military Intelligence & National Defense

Accelerate your intelligence analysis with data fusion & analytics

In today's national defense ecosystem, making data-driven decisions, based on a rival's operational competence and probable course of action, is becoming increasingly difficult, due to the growing variety and volume of relevant data sources.






**NEXYTE, Cognnyte's Decision Intelligence Platform,** enables strategic decision making and threat assessment through multi-source data fusion and machine learning analytics.

NEXYTE empowers national defense authorities with the ability to generate a cohesive intelligence picture, predict relevant trends and identify potential threats.

- + US DoD spends an estimated \$11–\$15 billion per year on the analytic-related workforce and about \$3 billion per year on information systems for acquisition.
- + UK Ministry of Defence: "Despite a rising volume of data from our increasing arsenal of sensors, we're finding it harder than ever to isolate the insight from the information. This is Defence's data paradox."

Source: [https://www.rand.org/pubs/research\\_briefs/RB10085.html](https://www.rand.org/pubs/research_briefs/RB10085.html)  
[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/1020553/Data\\_Strategy\\_for\\_Defence.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1020553/Data_Strategy_for_Defence.pdf)

### SOURCES ➤

- SIGINT → 
- VISINT → 
- HUMINT → 
- WEBINT & Cyber data → 
- Proprietary databases → 



### INSIGHTS ➤

-  New leads (EEI)
-  Automatic threat scoring
-  Hidden relations
-  Similarities & contradictions
-  Anomaly & intention alerts

## KEY BENEFITS OF USING NEXYTE FOR NATIONAL DEFENSE



### Unify your intelligence 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 national defense investigations
- + Independent addition of data sources using standard APIs
- + Multi-layered access control for sensitive intelligence data



### Boost your intelligence assessment rate and automatically identify potential threats

- + Automatic threat scoring for suspicious individuals and groups
- + Creating new intelligence leads and mapping networks using ML analytics
- + Collaborating across teams in a real-time intelligence workspace



### Increase situational awareness by extracting previously unattainable intelligence insights

- + Detection of hidden relations between forces, entities of interest and objects
- + Customer-defined ML analytics based on specific intelligence needs and EEIs
- + Entity and metadata extraction from any data formats to enrich your intelligence picture

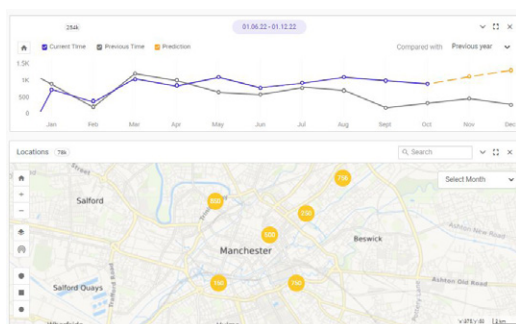


# NEXYTE - INTELLIGENCE ANALYSIS FLOW

1

## Detecting abnormal patterns

Leveraging ML to detect abnormal logistics patterns that indicate potential armament of a rival country



2

## Mapping hidden relations

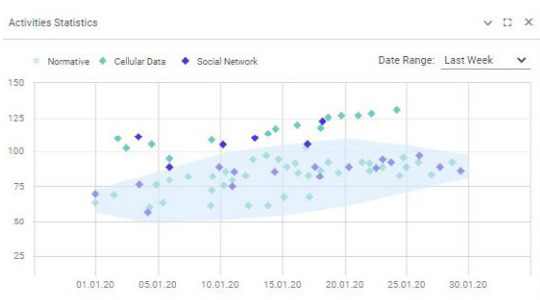
Mapping communications between a visiting commercial attaché and rival intelligence officers



3

## Identifying new leads

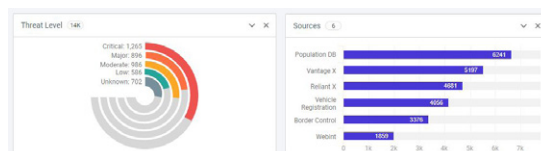
NEXYTE identifies a cluster of suspicious cellular and social media activities of cargo pilots across the border



4

## Automatic threat scoring

Detecting related personnel and military units that pose the highest national defense threats based on tailored ML models



## 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



### 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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