

XPATTERNS DELIVERS SITUATIONAL AWARENESS TO U.S. DEPARTMENT OF DEFENSE

Situation Overview

An organization contracted by the U.S. Department of Defense (DOD) is looking to analyze public data available from around the world with regionally focused operations. The organization needs advanced analytics capable of effectively tipping and cueing intelligence in real-time. Their goal is to gather real-time intelligence and identify potential threats to the DOD, based upon an enhanced situational awareness system.

XPATTERNS MAPS EVENTS TO DATA TO PREDICT THREATS

xPatterns was used by the – DOD-contracted organization to anticipate results, and incorporate them into an interactive 3D gaming and simulation engine. The xPatterns fusion intelligence platform mapped relevant events to a diverse spectrum of data to yield valuable understanding of potential threats and prepare and coordinate military operations as needed.

The contracted organization was able to use xPatterns to collect and gauge intelligence represented spatially, thematically, temporally and semantically. As a result, the organization gathered the following insights and ultimately predicted destructive events against the U.S. that would have otherwise been undetected:

- New entities were discussing ways to harm U.S. interests in specific regions of the world.
- A prediction model that forecasted which threats would be more likely to emerge and how technology infrastructure could be impacted up to one month in advance.
- The promotion of future “candidates” for prioritizing more effective discovery efforts.
- The ability to correlate data from outside their network with data inside of their massive content stores, rapidly homogenize and create a process of more effective Sense-Making for their regionally focused analysts.

Situational Outcome

The organization was able to brief the U.S. Department of Defense, and recommend a strategic response to the senior levels of government. xPatterns enabled the organization to offer a unified and interactive platform that promoted operational readiness and actionable intelligence at scale.



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