

DEFENSE & NATIONAL SECURITY

PUT YOUR TEAM A STEP AHEAD

With the safety of millions at stake, no responsibility is more perilous than National Security. Cortex EIP offers a track record of successfully fusing, analyzing and visualizing data for critical DOD missions.

introducing **CORTEX EIP** Enterprise Intelligence Platform™

> **AN INVESTIGATION THAT USED TO TAKE 3 HOURS CAN BE DONE IN 30 MINUTES USING CORTEX**
>
> *– VP Compliance*

Challenge: Entire nations depend on the vigilance and decisive action of their National Security organizations to protect them from harm. To succeed, the defense community must identify threats inside mountains of disparate data dispersed across a global data ecosystem including millions of sensors, surveillance videos, signals, geospatial feeds and captured enemy material. The near-impossible challenge is to connect and assess the ever-changing data in real-time, so you can predict possible outcomes and act with confidence.

Solution: Semantic AI arms national security agencies with augmented intelligence that gives them the super-human abilities to continuously sift through limitless sources of data, make relevant links, and create context from the chaos.

Cortex EIP Enterprise Intelligence Platform: Cortex EIP is an enterprise intelligence platform that ingests, analyzes and visualizes data from ANY source to empower national security agencies to immediately harness the value of a vast data ecosystem.

Connections, relationships and histories are shared real-time with privileged members of the team, from agency director, to commander, to analyst. The result is the ability to act quickly and with confidence.

Cortex is exceptional because of its unique semantic network, graph-based data model which emulates the way humans gather, access and store information.

The platform will put your team a step ahead with mature technology that is simultaneously more advanced, powerful and easier to use based on years of feedback from installed national security customers.

The "AI" in Semantic AI stands for augmented intelligence. AI represents our goal to enhance human intelligence rather than replace it. We achieve our goal by deploying semantic graph and machine learning algorithms to help people discover relationships and solve problems with super-human capabilities.

CORTEX EIP FOR DEFENSE & NATIONAL SECURITY

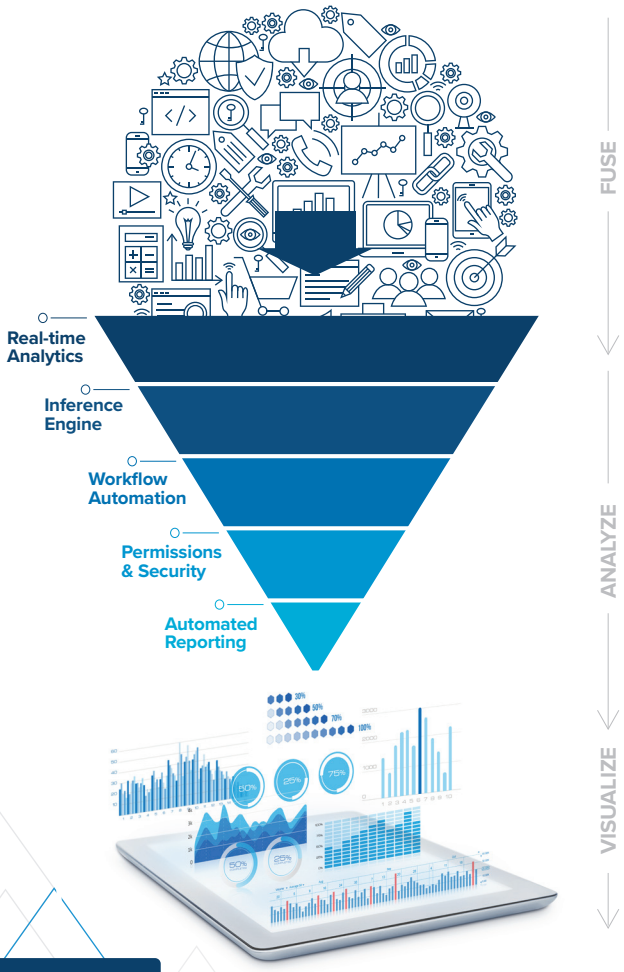
Cortex encompasses dozens of features and benefits. The capabilities work together to first fuse, then analyze and visualize your data in context that will give you the confidence to act quickly and make extraordinary decisions.

Private, Public & Hybrid Cloud

The **Cortex enterprise intelligence platform** can be deployed on-premises or in your choice of public cloud. The **Cortex** client software is installed on your PC or Mac and works with the platform from any location.

PREDICT OUTCOMES, ACT DECISIVELY

Semantic AI customers in defense and national security are augmenting their human intelligence to protect citizens and prevent crisis. **Cortex EIP** provides the confidence to make life-saving decisions, seize prevention opportunities, and avoid hidden liabilities.



FUSE

We start by fusing together your data ecosystem. **Semantic Graphs™** locates and ingests any type of data from DOD operations. The data is quickly fused together into single secure schema that be searched and queried.

Any Type of Data—Joint intelligence, HUMINT and GEOINT, as well as military operations like Personnel Recovery and weapons of mass destruction

Flexible Schema—**Cortex EIP** locates data sets wherever they exist, then fuses them rapidly into a single schema

Federated Search—query across all data sources for relevant information

ANALYZE

Together we set-up and analyze. **Semantic Analytics™** is based on the cognitive way humans gather, access and store information. Cortex EIP uses the AWS or Microsoft Azure cloud platforms to provide authorized, secure, and advanced analytics technologies.

Next-in-Class Technologies—facial recognition, voice recognition, machine learning and more

Automation—automated workflows replace manual repetition to increase productivity and accuracy

Collaboration—leverage other investigations. Alert users when entity types are added, deleted, or changed

VISUALIZE

You see the relationships that matter in your decision-making. **Semantic Storytelling™** moves the data through the intelligence cycle to create multiple types of visualizations. The cognitive presentations deliver insights in ways that business intelligence and data analytics applications simply cannot replicate.

Cognitive View—geospatial maps, temporally over time, and many more

Holistic View—multiple options used together paint a 360-degree view

Customize—design reports and set permissions to comply with internal or regulatory requirements