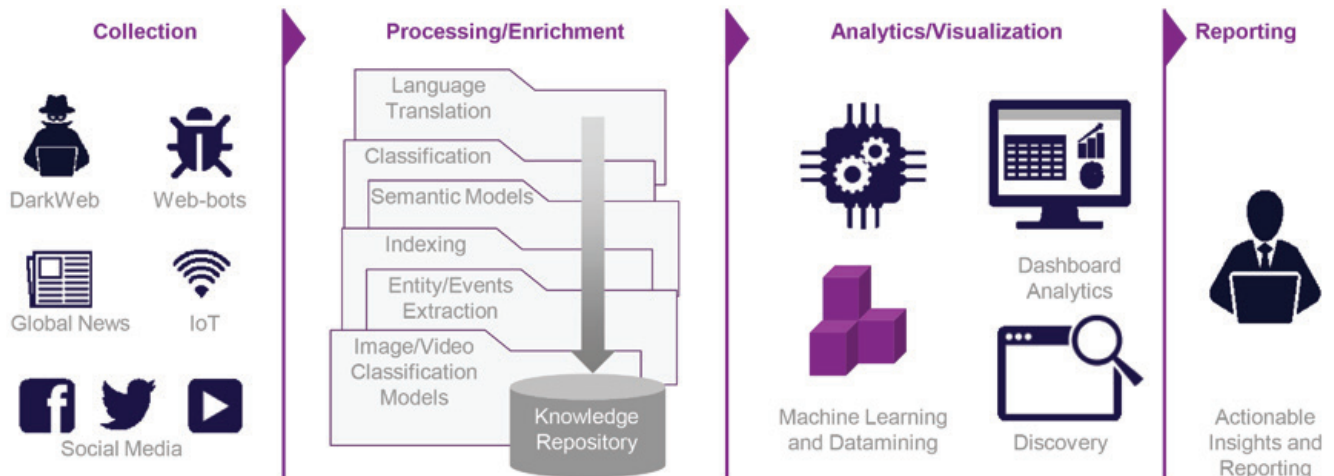
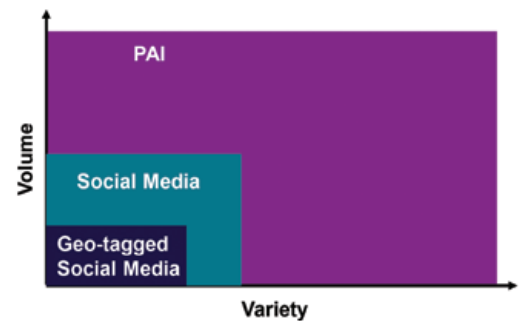


Veracint OS™

Transforming publicly available information into actionable intelligence

The Internet's vast sea of Publicly Available Information (PAI) is an invaluable source in the contemporary intelligence community landscape. To date, the challenge of tackling PAI's volume, variety, velocity, and veracity, has resulted in data silos that limit the value of PAI which analysts need to win the information war. Building on its history of data science and intelligence tradecraft excellence, Leidos has developed a robust threat intelligence platform fusing social media with the full universe of PAI data types (text, images, video). The integrated Veracint OS™ platform is an operational and customizable multi-modal data processing platform developed to support the growing OSINT needs of the intelligence analyst community. Data are automatically ingested from open sources such as social media, open web, and the dark web. Internal client data can be ingested as well. Ingested data are automatically processed through various algorithms to identify sentiment, extract persona, place, and organization details, and identify the most influential voices for a specific topic. Additionally, images and video can be extracted from social media and triaged with machine learning classifiers. The data are presented to a dashboard where an analyst can further review and interrogate the information. The analyst can quickly track trends and anomalies to decipher indicators of increasing or decreasing instability and threats to leadership, organizations, individuals, or events.

Challenge: Leveraging the Value of PAI



OUR APPROACH

Veracint OST™ realizes our vision for a comprehensive offering that performs advanced collection, enrichment, and analytical functions and provide premium services in a single application — accessible as an Analytics as a Service, a Platform as a Service, or an on-premise Software as a Service offering. Veracint OST™ and our team of experienced analysts provide our commercial and government clients with aggregated, algorithmic intelligence from open source platforms across the open and dark web.



DEEP DYNAMIC ATTRIBUTION MANAGEMENT (DDAM)

A key feature of Veracint OST™ integration is the Leidos DDAM system, which extends non-attributable web browsing into a profile-based, managed attribution system. DDAM enables individual users and software components to mask critical aspects of network traffic that could reveal the source and intent. Automating attribution management best practices, DDAM's software solution modifies all network traffic associated with a browsing session to be consistent with user-selectable technical personas. Applying additional safeguards further obscures the source and intent and protect an organization's networks.

NEXT STEPS

A version of Veracint OST™ is available today in the Secure Unclassified Network (SUNet) under the application iSent banner. Leidos will continue with planned configurable upgrades over the next year, continuing to expand the collection potential, streamline the user interface, and integrate machine learning enrichment pipeline in an open microservices framework.

FOR MORE INFORMATION

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KEY FEATURES

- › Intuitive user interface (UI)
- › Mission-focused data collection, storage, transformation, visualization, and analytics of threat intelligence from multiple PAI sources
- › Scalable open architecture, multiple data streams and analytic enrichment pipelines with integrated managed attribution
- › Robust data model that unifies data types and sources into a common environment to enable novel data fusion and analysis
- › Veracint OST™ is 3 applications in 1: Manage data collection through the Streams interface, discover anomalies and trends in Insight and produce reports in Publisher