**SureView® Analytics Law Enforcement**

**Features & Benefits**
- **Retrieve** information from multiple data sources located across jurisdictions with federated search
- **Eliminate** massive data duplication and facilitate interdepartmental information sharing via a virtual data warehouse
- **Enable** granularity of access through multi-tiered security
- **Minimize** the quantity of working data with faceted searching
- **Enable** analytical teams to focus on analyzing instead of researching and collating
- **Visualize** and expose patterns in mass data
- **Enhance** the accuracy and timeliness of intelligence with integrated geospatial, link, temporal and statistical visualizations
- **Rapidly identify** connections between perpetrators and organizations with automated data discovery
- **Discover** hot spots for crime and quickly plot and analyze geographic and chronological data
- **Recognize** a low total cost of ownership with easy deployment and minimal impact on IT infrastructure

**The Challenge**
To be effective, law enforcement officials must constantly adapt to new situations, make greater use of intelligence, stay current with technology, and expand cooperation between agencies.

Today, organizations are fighting crime with intelligence tools that enable analysts and investigators to quickly access, understand, analyze, react to and share massive amounts of data across jurisdictions quickly and easily.

Searches are returned as actionable results by displaying information as simple visualizations or easy-to-interpret analytical pictures. Diverse analytical tools ensure the delivery of comprehensive intelligence and complete situational awareness as geospatial, temporal, association and statistical representations of the data.

**SureView® Analytics Platform**
The SureView Analytics platform is a proven big data analytics and information sharing enterprise application that enables law enforcement to easily leverage vast amounts of data to quickly reduce criminal activities. It is designed to meet the unique needs of the law enforcement community’s data sharing requirements.

The platform’s data centric environment is deployed across the nation and successfully
enables organizations to perform federated searches across multi-source big data sets and quickly develop intelligence. SureView Analytics search returns relevant results in seconds without moving or duplicating information.

SureView Analytics provides a sophisticated analytical environment that enables comprehensive data visualization and cross-functional team collaboration. The SureView Analytics platform increases analysts’ productivity and the timeliness of intelligence delivery with minimal impact to the existing IT infrastructure, yielding an overall low total cost of ownership (Figure 1).

SureView Analytics Search
SureView Analytics Search enhances law enforcement’s productivity by ensuring that investigators and analysts have instant access to all data necessary to develop an inclusive picture of a situation. Federated searching seamlessly connects any number of local and remote data sources to create the ultimate virtual data warehouse that eliminates data duplication and enables effective information sharing. The timely process of cross jurisdictional and third-party approvals for access to information from multiple agencies is overcome. SureView Analytics Search does not ingest mass data into one central location, so the data owner remains in control of the information.

- **Instantaneously search live data** across internal or external databases, websites, emails or office documents with the flexibility and scalability that the federated search technology offers.
- **Circumvent costs associated with housing big data** by implementing a virtual data warehouse approach (Figure 2). The technology mimics the outcome of a traditional warehouse while preserving the custody, security and physical ownership of the data on the original source (never copied or moved).
- **Comply with data privacy and security restrictions** via the integrated security manager, and identify options with unique permissions by individual user or group.
- **Quickly run search queries with minimized user interaction** through functionality that automates repeatable search processes.
- **Customize the types of results returned** with full-text indexing designed with powerful search capabilities like phonetics and synonyms.

Figure 1: Federated searching across the enterprise coupled with automated discovery tools and investigative analytics supports intelligence-led law enforcement initiatives.

Figure 2: Virtual data warehouse for intelligence-led operations with a low total cost of ownership.
SureView Analytics Workflow
SureView Analytics provides an optimal data discovery and analytical environment with an extensive set of tools that support the timely development of meaningful intelligence. The system’s analytical workflow quickly exposes patterns, trends and anomalies within data to uncover information of interest to a case.

SureView Analytics presents diverse information as analytical visualizations in order to facilitate the understanding of large amounts of complex data, while maintaining the source information of the data for compliance during legal proceedings. The platform optimizes productivity with alerting functionality, an integrated intelligence database that supports information sharing, direct connections to multiple data sources and integrated de-confliction collaboration capabilities.

- Easily uncover clusters of information or key individuals and their relationship to suspicious events with leading link analysis capabilities.
- Quickly recognize a change in behavioral patterns or unusual conduct needing further investigation by laying out data as an advanced temporal pattern.
- Unearth an unknown relationship or the importance of information due to its geographic correlation or location with geospatial visualization integrations.
- Use social network analysis to investigate the make-up of complex networks and understand the distinct roles individuals play within fraud rings.
- Identify unexpected peaks in activities or values with statistical representation of multi-source data.
- Achieve rapid data discovery with faceted searching tools that do both direct and navigational search of data.
- Use metadata transformation tools that harmonize values of data by adding its real-world meaning.
- Easily share and communicate findings with built-in reporting tools including: drawing, labeling, legend / image import features available for report customization, and for making reports easily ingestible.

Figure 3: Temporal analysis. Quickly bring forward a change in behavioral pattern or unusual conduct needing further investigation by laying out data as an advanced temporal pattern.

Figure 4: Link analysis. Quickly identify criminal networks and achieve rapid data discovery with faceted searching tools.

Figure 5: Geospatial analysis. Unearth an unknown relationship or importance of information due to its geographic correlation or location with geospatial visualization integrations.

Figure 6: Identify unexpected peaks in activities or values with statistical representation of multisource data.
An Enterprise Application with a Low Total Cost of Ownership

The SureView Analytics platform has a low cost of ownership with minimal impact on the existing IT infrastructure. Unique to the industry, the technology connects directly to operational data stores and creates a “virtual” data warehouse, hence eliminating the need for IT to maintain yet another massive data warehouse as the data is never copied or moved. SureView Analytics is also a client-server application that uses commodity hardware, has an optional Persistent Cache that allows the user to publish content from any database without worrying about transactional load, can run on a virtual machine and is easy to integrate with existing applications.

About Raytheon|Websense

Raytheon|Websense portfolio of cyber security solutions provides unprecedented visibility into the enterprise and utilizes advanced analytics to enable a new level of cyber risk management. Through continuous monitoring of end points, user activity and other key assets, real-time data is collected and analyzed so decisions can be made instead of merely reacting to alerts. With over twenty years of experience in developing and implementing products for some of the most sensitive and critical enterprise systems operating in the world today, customers trust solutions from Raytheon|Websense because they are scalable, secure, architecturally superior and cost effective.

For further information contact:

Raytheon|Websense
12950 Worldgate Drive, Suite 600
Herndon, Virginia
20170 USA
866.230.1307
www.raytheoncyber.com