SAS® for Intelligence Management
Manage all key stages of the intelligence life cycle

Overview
The fight against terrorism, crime and other threats to public security depends on the availability of reliable intelligence. Successful operations need to be able to make use of information from a range of sources, including human intelligence (HUMINT), signals intelligence (SIGINT) and open source intelligence (OSINT). The sheer volume and inconsistency of the data available pose huge and growing challenges.

Whether at a local law enforcement agency or national security agency, every stage of the intelligence life cycle needs to be properly supported and interlinked to be effective. Planning must be informed by intelligence that has been routed through the normal tasking and workflow processes to reflect plans and priorities. Collection processes need to handle disparate and unstructured information, while allowing for that information to be input manually. In addition, processing must ensure that information is organized so that the data can be accessed and analyzed easily.

Analysis must be based on a rigorous process for evaluating and grading information so that users can establish and visualize links between individuals, locations and organizations. Finally, dissemination processes must ensure that appropriate intelligence is delivered promptly to those who need it, in the format they require.

Financial services, insurance, health care and public sector organizations around the world rely on SAS Security Intelligence for solid protection against fraud, regulatory fines, compliance breaches and threats to public security. Built on a common analytics platform and backed by an enterprisewide strategy, SAS Security Intelligence unifies how organizational silos deal with security-related matters and enables more successful detection, prevention and investigation efforts.
networks are structured and how people, objects and locations are connected. By navigating through these links, users can quickly comprehend how different pieces of specific information fit together.

**Role-based security**

With SAS, security levels are linked to users’ roles and responsibilities so that information is accessed on a “need to know” basis. “Protected” and “covert” roles minimize the risk of compromising sensitive contacts and intelligence.

**Searching**

SAS law enforcement search technology is the most advanced in the world today, allowing fast, accurate searching across the entire information base. In an intelligence capacity, the ability to achieve real-time results ensures that timely decisions can be made based on the latest intelligence available, regardless of where it is stored or to what it is linked.

**Data integration**

The SAS solution has an interactive data integration environment, providing powerful functionality to integrate data from virtually any source and to exchange data between different platforms. Security and law enforcement organizations can connect SAS for Intelligence Management to all of their other key solutions and platforms to exchange data rapidly and accurately, knowing they are supported by powerful data quality procedures and superior management of master data and metadata.

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**Challenges**

- Faced with vast amounts of data in a variety of formats, agencies struggle to transform that data into true intelligence and into a format that is consistent and usable. Agencies may also find it difficult to manage intelligence workflow to ensure best results. Information needs to be made available to the appropriate personnel for grading, analysis and review. Higher-priority items need to be routed and escalated accordingly. It requires a solution that is rigorous enough to enforce correct procedures, fast enough to avoid delays and flexible enough to change with organizational needs.

- Intelligence and law enforcement agencies need to access all potential information, extract key elements, and then process, analyze and disseminate it quickly. It is often impossible to achieve these goals within the time frame required without the aid of technology designed to manage and share that intelligence. If there are gaps or inconsistencies between the different lifecycle stages, critical information may be overlooked, delayed or not placed in its proper context. Without visualization tools, users struggle to see the complete picture relevant to their roles, leading to poor decisions that may undermine the entire intelligence process.

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**How SAS® Can Help**

**Support for the entire intelligence life cycle**

SAS® for Intelligence Management supports all the key stages of the intelligence life cycle. By making it easier for agencies to direct, track and audit information as it moves through the system, this solution ensures that intelligence is supported by appropriate processes. The solution is configurable to support the priorities of an agency’s intelligence operations and can be reconfigured as needed, ensuring that intelligence is generated efficiently. The solution also includes a rigorous supervision process, giving users greater confidence in the reliability of the intelligence produced.

**Building the complete intelligence view**

Link analysis, a core component of the solution, allows agencies to create, edit and visualize links, providing analysts with an overview of the structure of networks and of how people, objects and locations are connected. When a new person appears within a report, the SAS solution automates the process to create a new Core Record or link the information to an existing one. Common Core Records ensure consistent, up-to-date information on People, Objects, Locations and Events (POLE methodology), enabling a tailored response and a single version of the truth.

Users can navigate through the store of information, building up a more clear and consistent view of it. After creating and visualizing links, users can see how networks are structured and how people, objects and locations are connected. By navigating through these links, users can quickly comprehend how different pieces of specific information fit together.
Why SAS®?

With more than 37 years of experience in public security, SAS has 160 clients in the public security sector globally. SAS for Intelligence Management is one component of a complete, holistic framework that allows users to expand, grow or modify their intelligence and security processes as threats change.

Since the solution is developed with input from intelligence professionals who have national security and law enforcement experience, it meets the true, practical needs of intelligence operations.

Agencies must be able to search for and identify all information about a particular person, object, organization or location, even when this information has been entered in different forms or stored in diverse types of files. SAS software’s powerful search facility makes this a reality.

The solution also provides one single view of all of the information relating to a person, object, location or other entity. Once this information has been accessed, known links between these different elements can be visualized so that users can better understand the dynamics of groups and people being investigated and see how they are connected. SAS software’s powerful data integration processes enable the solution to access information from almost any source and to exchange information with other applications.

About SAS

SAS is the leader in business analytics software and services, and the largest independent vendor in the business intelligence market. Through innovative solutions, SAS helps customers at more than 65,000 sites improve performance and deliver value by making better decisions faster. Since 1976 SAS has been giving customers around the world THE POWER TO KNOW®.

Challenges (continued)

- The process for entering information manually can be overly complex and time-consuming. Many intelligence operations require large-scale manual capture of information. If the process is slow and cumbersome, then time is often wasted and information may not be entered accurately or completely. This problem is compounded if information has to be entered into more than one system.

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