



#### Business Impact

The terrorist uses surprise and stealth, and the only way to defeat that is by having accurate and timely intelligence

*US Senator Bill Nelson (Florida)  
on the 9/11 Commission Report,  
108th Congress*



#### Challenges

- **Identifying critical issues in increasing volumes of data.** Business rules should help identify data important to the agency, but contextualization is needed to quickly find and take action on key data.
- **Developing intelligence for action.** Information needs to be graded, managed and acted on quickly and accurately, with high-priority items identified for immediate attention.
- **Timeliness.** Agencies need to ensure that actions are taken within the appropriate time span, requiring real-time information management, alerts and notifications.
- **Intelligence security.** Managing increasing data volumes requires a robust security model that can be customized to agency needs, based on configurable role-based access with a comprehensive audit log.

## Combat security threats and crime through improved use of reliable and timely intelligence

### The Issue

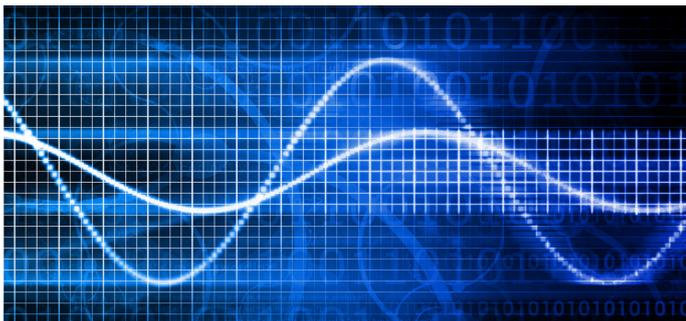
Governments have an obligation to keep citizens safe and secure, and this duty extends to the economic and social well-being of the country inhabitants. Public safety can be enhanced by improving intelligence processes that prevent and deter crime, terrorism and other threats.

As greater volumes of data become available to governments throughout the world, they each face the same dilemma. Namely, how to manage and exploit the increasing sources and volumes of data to maintain an understanding of the intelligence picture. SAS enables public security agencies to efficiently collect, manage and use information to recognize and address threats, combat crime and protect the public.

### Our Approach

We approach the problem by providing software and services developed specifically for the public security domain that help turn data into information, information into intelligence, and where required, intelligence into evidence. With SAS® public security agencies can rapidly and securely collect, evaluate, grade and manage intelligence gathered from big data sources:

- **Proactively manage the growth of data volume, velocity and variety.** Access, integrate, cleanse and standardize data with SAS data integration and data quality solutions. Integrate data from virtually any source and interactively exchange data between different platforms.
- **Derive essential meaning from big data to build the complete intelligence picture.** Analyze unstructured data and perform entity extraction and ontology management. Reveal unknown and abnormal patterns of behavior and apply link analysis to reveal relationships between entities.



- **Ensure effective management of your intelligence.** SAS solutions support all the key stages of the intelligence life cycle – planning, collection, processing, analysis and dissemination – making it easier for agencies to direct, track and audit information as it moves through the system.
- **Reduce the time you spend managing your data.** Effectively manage data and use real-time alerts and notifications to ensure the correct users are able to act upon new intelligence.
- **Secure your intelligence.** Information access control is based on individual roles and responsibilities through our role-based security model.

## The SAS® Difference: Comprehensive Intelligence Management

By offering significant efficiencies in the intelligence environment and allowing you to automate manual, labor-intensive processes, SAS solutions free up resources so that analysts can focus on identifying new threats. Only SAS offers:

- **Powerful data integration.** Process, analyze and access large volumes of complex data in many different formats quickly, accurately and reliably to ensure that all available information is taken into account when planning and executing your operations.
- **Excellence in high-performance analytics.** SAS® Analytics is recognized by our customers and industry experts as best in class. We continue to push the boundaries on different approaches to problems with new algorithms and functionality that take our users and their organizations to the next level of analytic insight.
- **Unparalleled scalability.** SAS software's ability to handle huge data volumes is unsurpassed. Customers in intelligence operations with massive amounts of data rely on the ability of SAS to scale with their missions.

SAS offers deep domain knowledge, intelligence management capabilities and analytics expertise with a highly skilled workforce of security-cleared personnel and subject-matter experts.

## Case Study:

### Situation

One of the UK's largest police forces required an intelligence platform to deploy across the entire enterprise.

### Solution

A SAS intelligence management solution houses several million documents and structured records. The system is mission-critical with twin resilient sites, and serves devolved management units. Additional government agencies have secure access to the system.

### Result

The system is used on a daily basis by both sworn officers and police staff, providing intelligence that's acted upon in real time to protect the public on a 24/7 basis. This police force continues to update its technology to ensure comprehensive, effective intelligence management.

## What if you could...

### Govern workflow

What if you could support every stage of the intelligence life cycle, including planning, collection, processing, analysis and dissemination?

### Quickly enter, search and manage data

What if you could accelerate the time and ease of entering and using information, including use through mobile access, while ensuring appropriate levels of security?

### Gain a single view of the truth

What if you could automatically link all of the information you hold on a person, object or location in a single core record?

### Manage data volume, velocity and variety

What if you could exchange information with other platforms to derive essential meaning from big data to build the complete intelligence picture?

## SAS Facts

- SAS has almost 40 years of experience working with public safety and security agencies around the world.
- SAS is used by more than 170 public safety and security clients across six continents.
- SAS solutions for public safety and security have been developed with input from law enforcement and intelligence professionals.

Learn more about SAS software and services for intelligence agencies at:

[www.sas.com/publicsecurity](http://www.sas.com/publicsecurity)

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