

# Strengthen trust and public security through reliable, cross-agency intelligence



Shorten the data-to-decision life cycle



Anticipate threats based on reliable intelligence from multiple sources



Effectively respond to incidents - from the local to national level

## The Issue

Crime, terrorism and other security threats are frequently coordinated on a national or international scale. Their associated preoperational activities and responses are carried out and are most noticeable locally. Law enforcement operations have traditionally been focused on local incidents, making it challenging to associate them with organized criminal or terrorist activities that cross boundaries and jurisdictions.

Globally, agencies responsible for national security and law enforcement face the challenges of accessing and sharing information to produce intelligence that can combat these threats effectively. Even within countries and regions, agencies face practical considerations to sharing information and data across different systems in a way that is effective, secure, reliable and timely.

Fusion centers are information and intelligence hubs designed to mitigate these challenges by gathering, analyzing and disseminating information about crimes, threats and hazards. Doing so helps agencies anticipate threats, prevent crimes, respond to emergencies, inform policy development and deploy resources more effectively.

While fusion centers have evolved, they face enduring challenges related to data integration, technology deployment and information sharing. These challenges are exacerbated by the volume, velocity and variety of data. Fusion centers need powerful data management and analytics capabilities to convert information into intelligence and data-driven results.

## The Challenge



**Data remains disparate, so it's hard to get a comprehensive view.** Data aggregation and curation challenges can overwhelm fusion center analysts working to integrate, manage and analyze all the data. This includes locally generated information from police agencies and communities, digital and social media. SAS® brings together data from all sources into a single, comprehensive view.



**The right people need to see the right information.** For fusion centers to work effectively, data must be processed quickly to generate alerts, enable investigative action and develop strategic reporting. SAS lets you create and distribute intelligence products for specific constituencies, decision makers and operations.



**Focus areas aren't identified as priorities.** With a wide range of data types, including text, voice, video and geospatial, potentially valuable data may not be considered. This allows criminal ventures to succeed. SAS quickly detects patterns in large data stores, so authorities can identify predictable behavior and take preventive action.



**Protecting confidential and sensitive data is vital - but difficult.** Without security measures such as control processes and access audits, information can be compromised. With role-based security, fusion centers can restrict the type of information each user accesses.

## Our Approach

SAS helps fusion centers quickly understand and respond effectively to crimes, threats and hazards using a single, holistic solution for computing, communications and task-specific applications. This approach avoids the complexities of deploying and managing multiple systems. Our solution addresses your priorities, practices and workflows – and easily adjusts to differences in scope. We deliver software and services to help you:

- **Manage the entire intelligence life cycle.** Use the same platform for multiple purposes – from setting objectives to collecting, processing and analyzing the most relevant data, to disseminating information and evaluating feedback.
- **Assess threats from all available information.** Gain controlled access to data, without needing to load or retain source information. Statistical and advanced analytical models help convert raw data into valuable intelligence. Quickly develop and test multiple hypotheses and scenarios that uncover hidden relationships and identify threats.
- **Deliver timely reporting.** Create and distribute tailored intelligence products – like risk assessments and target profiles – for specific constituencies and decision makers. Through timely assessments, decision makers can focus resources on the highest-priority threats.

Using traditional approaches, patterns and predictable behaviors in the data often go undetected. With SAS, fusion centers can integrate, manage and analyze all types and sources of data. This includes unstructured formats like voice, video and geospatial data, as well as data from diverse sources like police surveillance and investigation records, or tax and revenue data.

## SAS® Difference

SAS provides powerful data integration and predictive analytics techniques that are designed to facilitate data sharing and generate strategic insights for fusion centers. Our solution covers the full intelligence life cycle, enabling you to continuously monitor and improve data provisioning, model performance and intelligence product usage, as well as your overall strategy, processes and governance. SAS provides:

- **Automated data cleansing, integration and analytics processes to save time and resources.** Our powerful yet simple solution reduces the need to hire a cadre of data modelers and analytics specialists.
- **Immediate value for a wide range of users.** SAS includes off-the-shelf capability that can be tailored to meet your unique needs – and easily deployed into your daily workflows.
- **A holistic view of intelligence data.** Access, integrate, cleanse and standardize data from virtually any source or format – uncovering previously undetected relationships that could have been missed in the past. You can exchange reliable information across platforms, divisions and regions to help you solve complex investigations and mitigate threats effectively.
- **Early insights into threats – leading to timely, well-informed decisions.** Track a broad range of activities – from opioids or gangs to violent crimes, narcotics or human trafficking, terrorism, cybercrimes and emergency management issues.

SAS is the ideal choice for fusion center analytics. Our highly skilled workforce of security-cleared personnel and subject-matter experts offer deep domain knowledge and analytics expertise to assist your team with our proven approach and data analytics techniques.

## THE SAS® ADVANTAGE



### FIND MORE

- Access and analyze many different types and sources of information, including unstructured, big data sets.



### DISRUPT MORE

- Quickly identify the most vulnerable people and those who threaten them by spotting hidden connections in the data.



### PREVENT MORE

- Make better tactical and strategic assessments based on a broad view of what is happening in the field.
- Set strategies proactively based on situational awareness that provides a timely, comprehensive understanding of risk.



### ENGAGE MORE

- Share analytical results through dashboards that transparently inform government leaders, community partners and citizens.

Learn more about [SAS and fusion center analytics](#).

