



Public Sector

SAS® Intelligence for Homeland Security

Protecting the homeland with improved intelligence

The new Department of Homeland Security, as well as the other 14 federal departments, is faced with new challenges to keep the country protected and defended. To address such issues as border and transportation security, domestic counterterrorism, emergency preparedness and response, protection of critical infrastructure, and defense against catastrophic terrorism, in addition to gathering information and issuing timely warnings, the federal government must share data and collaborate within and across departments and with state and local agencies. Providing the right information to the right people at the right time, delivering knowledge management, and unifying and simplifying systems are vital to ensuring the security of our nation.

To that effect, SAS is unmatched in its ability to turn operational data into intelligent insights for confident decision making. SAS is uniquely positioned to give the federal government the information it needs to share data effectively and to provide the advanced analytics necessary for coordinated homeland security efforts. Designed to integrate and augment an agency's security architecture and existing technologies, SAS not only allows agencies to share data, but provides a single, comprehensive view of data that can be trusted. Advanced analytics ensure the ability to discover, predict and forecast – so agencies can respond appropriately.

A flexible framework for aligning technologies to reach your goals

SAS relies on an open, extensible framework – the SAS Intelligence Architecture. This flexible framework makes the most of existing operational infrastructures, scales with growing enterprises and adjusts to meet changing needs and goals of security programs. Our intelligence architecture includes the following capabilities to integrate SAS' industry-leading solutions for homeland security:

- **Data sharing.** SAS has long been the acknowledged leader in data warehousing. Our award-winning solution facilitates enterprise data management to ensure a single, comprehensive view of data across departments, functions and agencies. SAS data warehousing technologies integrate seamlessly with analytics and business intelligence applications to create and deliver intelligence needed for coordinated security efforts. SAS maintains the integrity of the information by monitoring data quality and providing enrichment capabilities.
- **Analytic intelligence.** Analytics are among the core strengths of SAS; the breadth of our advanced analytics provides power unmatched by any other vendor. Whether the challenge is identifying unusual patterns of disease or training an algorithm to detect inconsistent business practices, SAS enables organizations to



discover, predict and forecast from volumes of data and respond appropriately. In addition, SAS can augment strategies through the use of event correlation, clustering, association analysis and other data mining techniques.

SAS® Activity-Based Management (ABM)

Like other agencies, the Department of Homeland Security must determine and manage the costs of its programs. SAS ABM provides a complete modeling environment to analyze data from transactional systems and enables comparison of relevant information for better decision making. It also supplements the operational planning process—bridging the gap between what you want to accomplish and what you can accomplish.

Performance management

SAS® Strategic Performance Management enables governments to develop a clear mission, strategy and set of performance measures to ensure the fulfillment of security responsibilities throughout the organization. Agencies can manage integrated security programs across diverse organizational units, balance their multiple constituencies, and communicate their security performance to outside observers with greater transparency.

Implementation methodology

At SAS, we believe that every implementation represents a technology partnership, not simply a consulting job. We guarantee that SAS' methodology will work as defined to solve a specific business problem. This approach to implementation succeeds because it is grounded on four key principles directly aligned with the Information Technology Reform Act's Raines' Rules:

- Proof of concept/pilot.
- Iterative deployment.
- Integration and augmentation.
- Ease of use.

An end-to-end infrastructure that consistently demonstrates value

With more than a quarter-century of proven experience, SAS is the acknowledged industry leader and innovator in analytic intelligence, data warehousing and business intelligence. SAS data integration capabilities make intelligence immediately accessible any time, any place, and in the appropriate form.

SAS' Public Sector clients include the federal departments of Defense, Treasury, Agriculture and Health and Human Services, as well as the Census Bureau, the Office of Personnel Management, the U.S. Postal Service and the Environmental Protection Agency.



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