

Predictive analysis and intelligence for security and defense

Applying advanced data analytics to modernize and accelerate the intelligence cycle



Improve intelligence through consistent and integrated data



Speed up analysis using AI-enabled analytics and visual tools



Share intelligence for smarter operational decision making

The Issue

Explosive growth in computing power, the volume and availability of data, and advances in data science have turned artificial intelligence (AI) and analytics into essential technologies for the 21st century. For defense and national security organizations, these technologies can be truly transformative, enabling organizations to turn massive volumes of disconnected data into timely, useful and predictive insights.

The challenge, however, has been crossing the chasm to successful adoption and use of AI and analytics. Most agency analysts are still bogged down by siloed data sources and the countless manual tasks required to manage and analyze massive data volumes to generate useful information.

Analysts need an efficient way to generate value from all their data - regardless of its type, format, source or location - and do so quickly and efficiently.

The Challenge



Multiple, fragmented data sources. Organizations have multiple sources of information with different types of data - often with uneven data quality. SAS® integrates, deconflicts and standardizes data so it can be analyzed.



Costly, complex data integration. Integrating data is traditionally a slow, inefficient and even impossible task that bogs down analysts. SAS provides an analytics platform that automates data integration and processing - and frees analysts to concentrate on research.



Limited access to automated analytics. When solutions don't provide search, analysis, correlation, presentation and modeling tools out of the box, it decreases productivity and takes longer to get answers. SAS provides tools that help automatically detect what's "out of the norm" so decision makers can quickly focus on what matters.



Delayed reporting. Data driven insights are the value and purpose of intelligence organizations, yet many struggle to generate timely, accurate reports. SAS simplifies intelligence creation that drives better operational decisions.

Our Approach

SAS brings disparate sources of data together - quickly, efficiently and in a coherent way - so analysts can generate insights. Our comprehensive, open platform enables analysts to create value throughout the entire intelligence and data life cycle. Data is captured, integrated and indexed with a specific focus on generating intelligence for both tactical and strategic decision making. This framework augments human intelligence with automated, fully integrated AI and advanced data management and visualization capabilities.

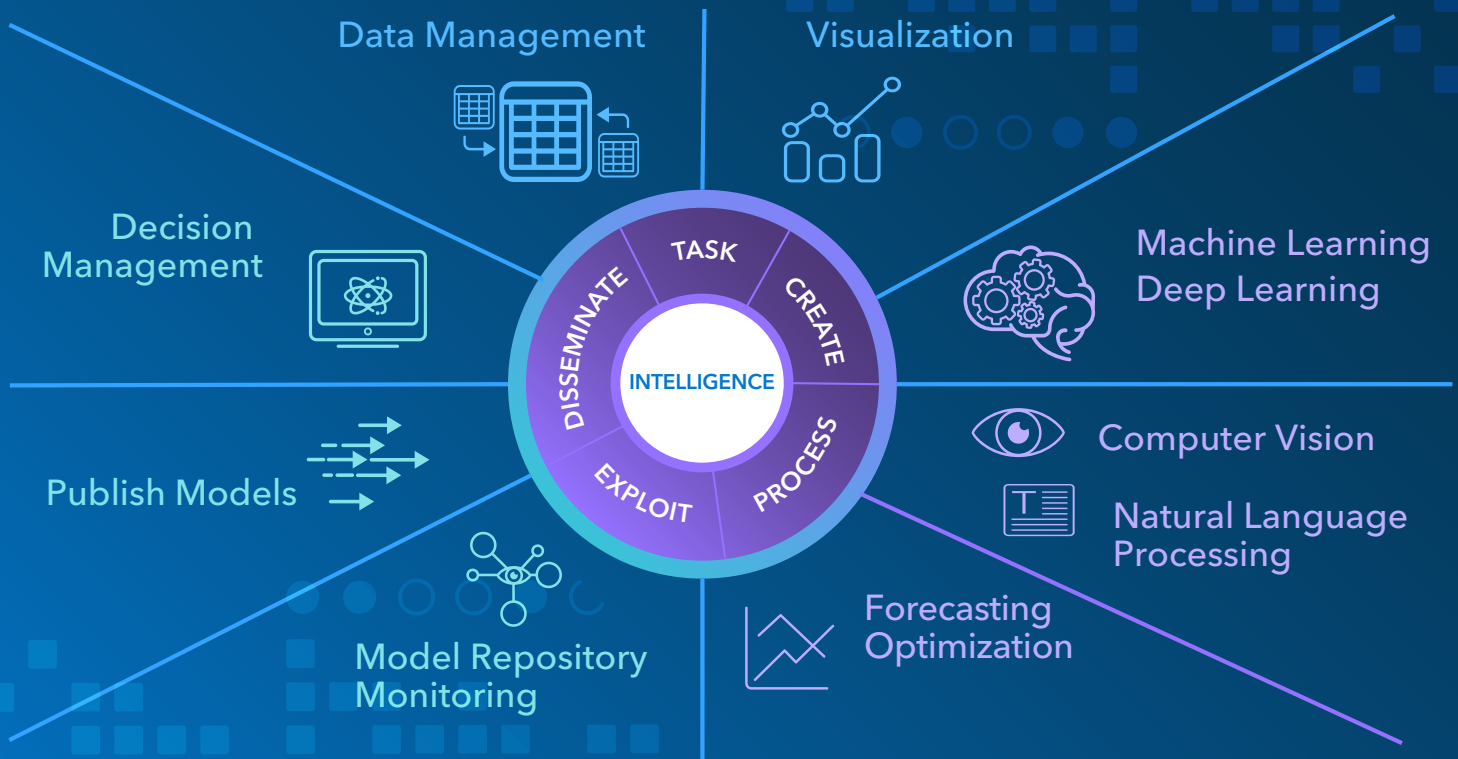
With SAS' experience, methodology and services, defense intelligence organizations benefit from:

- Integration, deconfliction and fusion of all data - regardless of its origin, format or type.
- Value extracted from each piece of data and the entire ecosystem of information sources through advanced data profiling, entities extraction, data linkages, behavioral modeling, anomaly detection, AI and machine learning, as well as embedded alerting, visualization and intelligence processes.
- Customizable user capabilities based on areas of focus, security permissions and job roles.
- Immediate, controlled dissemination of findings and intelligence products across the mission or mandate.

The SAS® Difference

SAS enables fast, efficient synthesis and analysis of internal and external intelligence data at scale that delivers:

- **Simplified information management.** SAS uses a unified approach to manage data that supports data integration, data quality, entity resolution and network generation, data mastering and enterprise data access. Users can push/pull data from any internal and external source, regardless of format.
- **Embedded analytics.** SAS embeds text analysis, statistical analysis, social network analysis and predictive analysis, automatically surfacing what matters most (including threats), recommending best actions and adaptively learning in real time.
- **Visual intelligence and investigative tools.** Our intuitive interfaces allow everyone - at every skill level - to access data and generate value from the data so operations teams can achieve organization or mission objectives.
- **An open, adaptable, future-proof platform.** As the founder - and future - of analytics, SAS remains focused on developing solutions that evolve as national security and defense needs change.



Learn more about how SAS® is used in defense and national security.

