

Cyber Analytics

Guarding Against Terrorist Financing and Cybersecurity Threats

In today's tough economic and heavily-regulated environment, financial institutions must ensure that their cybersecurity defenses are bulletproof against terrorist financing. Are you fully prepared to meet the challenge? Does your institution comply with Anti-Terrorist Financing (ATF) laws and regulations? Or are you at risk for potentially catastrophic damage to reputation and customer confidence?

The terrorist financing threat has escalated over the past decade as organized cyber attackers find ways around the security defenses of the world's largest financial institutions. Although under intense cost pressures, financial institutions are required to monitor and report on suspicious activities, collect and analyze business unit data on customer account activity, and manage large volumes of data to identify suspicious activity. Most expend considerable efforts on data management, analytic discovery, investigation and Suspicious Activity Report (SAR) filing. All of this must be accomplished with a high degree of accuracy while avoiding false positive alerts and meeting regulatory demands.

Financial institutions need a proven, reliable ATF approach that enables agile data management, adaptive analysis, and actionable reporting. An analytic data mart that structures information to facilitate analysis and increase reporting can be essential to deterring cyber terrorists from conducting transactions. A cyber analytics solution can help prevent regulatory and audit failures, revenue loss, and damaging publicity.

Improving Information Management with Cyber Analytics

For the first time since the introduction of the USA Patriot Act, financial institutions can now effectively detect patterns of terrorist financing activity from the same types of data currently used in Anti-Money Laundering (AML) programs. Booz Allen Hamilton and International Management Advisory Group (IMAG) have combined their comprehensive national security and banking expertise to offer cyber analytics that detect patterns of terrorist financing with far greater certainty. Our solutions can help you transform data into actionable intelligence.

By combining deep ATF knowledge, processes, and data with analytic methodologies developed for demanding national security problems, Booz Allen and IMAG provide unique services and technology that allow financial institutions to conduct ATF using analytic techniques never before available to commercial organizations. Developed and tested over a multi-year period at several public-sector financial institutions, our cyber analytics help thwart potential terrorist financing and compliance threats using solutions that automate data gathering, reveal hidden motives, and monitor suspicious account activity.

Once implemented, this approach provides the data mart foundation for the combination of all crime areas into a single Financial Intelligence and Crimes Unit including AML, ATF, internal and external fraud and economic sanctions.

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About Booz Allen

For almost a century, Booz Allen Hamilton has been a leader at the forefront of management and technology consulting. Our broad range of services include strategy, operations, information technology, systems engineering, program management, and organization and change. Delivering results that endure, Booz Allen helps ensure our clients are ready for what's next.

www.boozallen.com/fas

About IMAG

IMAG provides Anti-Money Laundering (AML) risk management and regulatory compliance solutions to the world's largest financial institutions using proven methodologies and its COOLMaps software. Since 1993, IMAG has been a leading consultant practice in the AML space.

www.imagny.com

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Our Approach to Cyber Analytics

Employing a groundbreaking approach to cyber analytics, we help clients design technology processes that enable analysts and investigators to focus on detecting and reporting suspicious terrorist activities. At the core is a repeatable analytic model that brings necessary information together for examination and allows financial institutions to find correlations or patterns among dozens of fields in large relational databases incorporating techniques for predictive analysis, social network analysis, and geospatial analysis. An analytic data mart supports analysis and archives all-source data. Reporting includes actionable intelligence and automated compliance reporting data that are fed back into the analytic data mart as part of a continual improvement feedback loop.

ATF Cyber Analytics include:

- Processes and methodologies to detect threats and produce SARs
- Proven solutions that automate data gathering, reveal hidden motives, and monitor suspicious account activity
- Solutions to transform manual processes and focus investigative resources
- The ability to obtain data from multiple data sources and build a triage process to identify the highest value data sets
- Aggregation of data for development standardization, evaluation, and mapping.

Expertise You Can Trust

Booz Allen's anti-terrorist financing and cybersecurity expertise is derived from hundreds of successful federal government projects completed by thousands of experienced consultants. IMAG brings to bear years of banking industry knowledge and "hands-on" capability with proven results across dozens of leading banks. Together we are uniquely positioned to help private financial institutions successfully comply with ATF requirements.

Leveraging unique perspectives gained from solving anti-terrorist financing and cyber security issues for large banking and national security customers, Booz Allen and IMAG enable our clients to better comply with government regulations and avoid the consequences of an ATF incident. We help to create a comprehensive and balanced approach to ATF that ensures regulatory compliance, integration with global cybersecurity programs, and global knowledge gained from decades of experience working with government agencies.

Contact us today for more information on our ATF Cyber Analytics.