

# The intelligence-led approach to combatting financial crime

# The financial crime challenge

With more data, an increasing number of channels, demand for quicker transactions, and the ever-changing regulatory landscape, staying ahead of compliance risk and fraud prevention has become more complex and expensive than ever before.

Institutions are embracing Robotic Process Automation (RPA) to enable staff to focus on high value investigative tasks and increase productivity through the combination of human and machine intelligence to manage changing risks. It's time to stop throwing resources at symptoms and take a faster, smarter, intelligence-led approach to preventing financial crime.

Technology is changing the way financial institutions interact with their customers. These very same advances are being exploited by criminals. Now, attackers can carry out fraudulent or criminal transactions in minutes, all while remaining anonymous. The techniques and approaches used to commit money laundering, terrorist financing and fraud continue to converge.

Every transaction leaves a digital footprint but traditional rule-based systems often miss suspicious transactions or incorrectly select legitimate transactions for further investigation. It's both time-consuming and wasteful. The NetReveal® solutions from BAE Systems unlock the intelligence hidden in your data – helping your organisation to accurately identify and prevent financial crime.

Technology is changing the way financial institutions provide services to their customers

# What we do

Our NetReveal suite of fraud and compliance solutions are used by major global banks, insurers, government departments, and law enforcement agencies to provide intelligence, combat criminal threats, and enhance competitive advantage.

NetReveal identifies unusual and suspicious behaviors hidden in the vast, constant flow of data moving around your institution. It combines predictive entity-level analytics with advanced social network analysis, to help identify risk, criminal rings and fraud. Our in-depth industry expertise coupled with innovative and powerful technology solutions, means that NetReveal can identify irregular activity earlier with greater efficiency than conventional systems.

The solution significantly improves operational efficiency and transforms investigator effectiveness. Advanced analytics capabilities with machine learning techniques deliver a range of metrics to help tune and improve operational performance. RPA is integral, with routine tasks that are automated to enable investigators to focus more on high value strategic investigative work that they are skilled to do.

The power of NetReveal lies in its ability to identify risk, not simply at the transaction level, but also at the entity level (such as customer, organization, or employee) and wider social network levels across multiple data sources. Combined with machine learning, this delivers significantly lower rates of false positives and higher levels of productive detections.



- Modularized financial crime detection and prevention platform – with integrated enterprise case management and investigative toolset
- Prevents and detects fraud and potentially suspicious patterns at point of application and throughout the customer life cycle
- Uses advanced analytics with machine learning to detect new criminal approaches and fraud trends
- Detects threats in real-time and batch to minimize the potential risk to your organization
- Creates profiles based on specific entity and peer group analysis, behavioral analysis and risk analysis
- Generates alerts against suspicious or unusual behavior
- Screens applicants, customers and transactions against sanctions lists
- Provides auditability on decisions and actions that can be easily reviewed by line of business leads through to external auditors

# NetReveal Compliance Solutions

Smarter, faster, intelligence-led technology is the path to an effective anti-money laundering (AML), sanctions, and customer due diligence compliance program. Evolving compliance into an intelligence-led practice merging human intelligence with RPA technologies will drive efficiency, prevent more crime and nurture business growth.

## AML Transaction Monitoring

An end-to-end solution that manages all aspects of anti-money laundering detection, investigation and reporting requirements. Investigator-centric interface helps financial institutions spot signs of suspicious activity, minimize reputational and regulatory exposure, and reduce the cost of compliance.

## AML Optimization

Self-service module that gives financial institutions the ability to define, monitor, and deploy detection profiles for improved anti-money laundering model accuracy, effectiveness and lower false positive alerts without reducing true positives.

## Managed Analytics Service for AML Compliance

A complete approach to enable institutions to improve the performance of their AML operations sustainably for the long term by combining human and machine intelligence through advanced analytics and machine learning.

NetReveal solutions unlock the intelligence hidden in your data – helping your organization to accurately identify and prevent financial crime.



## Customer Due Diligence (CDD) / Know Your Customer (KYC)

Enables financial institutions to more efficiently risk assess customers, prospects and ultimate beneficiaries in line with internal, domestic and global CDD and KYC regulations.

## Sanctions and PEP Screening

Helps financial institutions identify sanctioned or high-risk entities from internal, domestic and international watch lists or Politically Exposed Persons (PEP) lists with fewer false positive alerts.

## Transaction Filtering

SWIFT-certified solution helps financial institutions screen transactions to entities found on internal and external watch lists with the fewest amount of false positive alerts.

## Regulatory Reporting

Simplifies and automates the FinCEN SAR (Suspicious Activity Reporting) and FinCEN CTR (Currency Transaction Report) reporting business workflows, helping financial institutions stay on top of their regulatory disclosure obligations. These two reports provide the basis for our regulatory reporting framework in support for other major global regulators, such as AUSTRAC, FCA, FinTRAC and MAS.

## NetReveal Fraud Solutions

Fraud is growing at a rapid pace. New regulations, new channels and demand for seamless customer experiences present a unique challenge for institutions. The increasing use of cyber-enabled fraud adds to the complexity. A new approach is needed, one that marries advanced analytics and machine learning with human intuition.

### Application Fraud and Account Monitoring

Safeguards financial institutions by applying a multi-layered approach at the point of application and, just as importantly, throughout the account lifecycle. Suspicious individuals, behaviors and relationships are detected at application as well as preventing future losses from first-party or bust out fraud.

### Payments Fraud

Using robust behavioral profiling, anomaly detection and machine learning analytics, NetReveal provides broad coverage for cross-channel payments, automates interdiction to block fraudulent payments in realtime, and minimizes impact to financial institutions and their customers. Enables holistic protection against payment fraud in the open banking ecosystem by combining both monetary and non-monetary activity and information.

### Property & Casualty Insurance Fraud

Provides insurers with the ability to detect, investigate and prevent fraud throughout the customer journey from point of quote, policy inception and at the point of claim, while at the same time minimizing the impact on genuine customers and supporting straight through processing and machine learning.

### Tax and Benefits Fraud

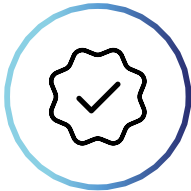
Enables government departments to make informed decisions with the ability to detect, investigate and prevent fraud at the point of transaction or retrospectively, while also improving customer service for legitimate applicants. By creating a single view of all individuals, companies, addresses and other entities, the solution identifies cases with a high risk of error, non-compliance, debt, fraud or serious criminal activity.

### Case Management

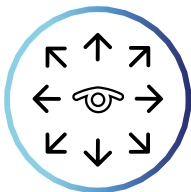
NetReveal Enterprise Case Management spans the entire financial crime, risk, fraud and compliance functions. It is an open and flexible case management platform that efficiently organises data inputs (including thirdparty data), prioritizes and centralizes alerts and incidents into one enterprise-wide investigation platform to help manage investigations.

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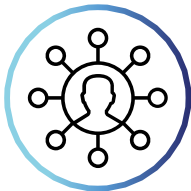
# Why us?



We have been a market innovator for more than 20 years, continuously investing in our products and employing leading technologies to meet changing demands. We can foster an ecosystem of partner technologies to minimize the risk on financial institutions.



We look at suspicious behaviors across various product lines, departments and channels in order to build a holistic view of an entity



We enable an entity-centric investigation revealing evolving crime patterns across connected parties



We have a heritage in data analytics and provide specialized data science capabilities through our Managed Analytics Services



We maximize human investigators' skills and time by augmenting technologies and automating tedious tasks with RPA technology



We apply the right technologies that offer effective and efficient techniques to mitigate financial crime risks



We have in-house delivery and professional services teams

Smarter. Faster. Intelligence-led.  
Defend your organisation.

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