

NetReveal AML Transaction Monitoring

Uses advanced detection analytics with a 360-degree view of alerts to quickly identify suspicious activity

The Challenge

Financial institutions are obligated to continuously monitor customer activity across multiple accounts and channels for signs of suspicious behaviour including potential acts of money laundering and terrorist financing.

Failure to accurately spot and report suspicious activity indicative of money laundering can result in regulatory fines, increased operational cost, reputational damage, and could ultimately lead to civil or criminal penalties against senior managers or the bank itself.

Dated detection scenarios have made Anti-Money Laundering (AML) processes labour-intensive and unable to meet current demands. Corporate structures are becoming increasingly more diverse, digital business models are expanding, the speed and volume of transactions are on the increase, and today's multi-border business activities makes it easier than ever for criminals to hide their illegal activities.

BAE Systems named a
"Category Leader" in
 the Chartis Financial Crime Risk
 Management Systems: AML and
 Watch List Monitoring 2019 Vendor
 Landscape report

Chartis, Financial Crime Risk Management Systems:
 AML and Watchlist Monitoring 2019

Our Approach

NetReveal® AML Transaction Monitoring is an end-to-end solution that employs advanced detection techniques and an entity-centric interface to help financial institutions spot signs of suspicious activity faster, minimise reputational and regulatory exposure, and more effectively streamline investigations.

It provides a global view of financial crime and offers flexibility to monitor and quickly update an organisation's AML detection strategies as criminal typologies change, employing a "white-box" detection engine that can be easily explained to regulators.

Our Capabilities

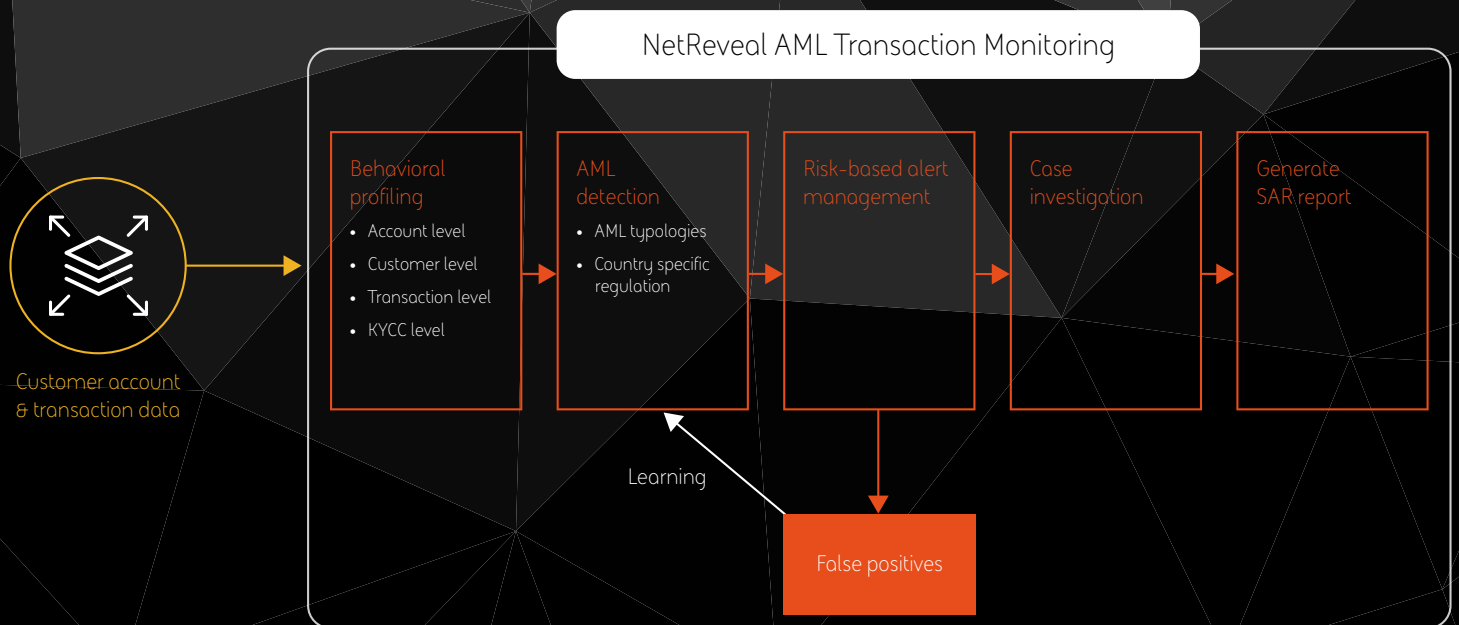
The NetReveal AML Transaction Monitoring solution provides:

- **Entity-focused investigations** – provide a single centralised 360-degree view of alerts relating to a customer or entity. It can improve investigator efficiency by 30-40% and fosters intelligence-led disposition decisions
- **Intelligent Event Triage** – utilises advanced machine learning techniques to auto-triage alerts to ensure investigators are always focused on the highest risk alerts first
- **Transaction filters** – places transaction data within a single user interface so investigators can easily visualise a customer's flow of funds by channels, currencies, accounts, and countries
- **Spark-enabled detection engine** – reduces batch processing times against transactional data. Profiling and detection that formerly took hours to process now gets processed within 30 minutes on average

Additional Capabilities

Feature	Benefit
Packaged and proven compliance	Contains AML and Counter-Terrorist Financing (CTF) typologies from local and international regulators and governing bodies, including FATF, UN, EU, OCC, New York State Bank Department, FCA, FINTRAC, Australian DFAT, BaFin, and more for comprehensive coverage
Scenario self-service	Improves agility and reduces cost by enabling in-house teams to configure or tune detection models without vendor involvement. In conjunction with the option of engaging BAE Systems specialists provides the ultimate choice for covering temporary shortfalls in analyst capacity
Link analysis	Graph visualisation instantaneously constructs and displays a network diagram of a customer's link to alerts, cases, accounts, and other associated parties and enables investigators and analysts to understand the holistic picture of an entity's risk to identify patterns and trends
Interactive lists	Users can personalise their own screens to their working style by selecting which fields to display in a list, drag and drop to change column order, or re-size columns, without technical assistance
Single enterprise-wide deployment supporting multiple lines of business	With an international capability suited to global, group-wide deployment and compliance. Field-level security enables FIs to comply with local data privacy regulations
Supervisor-controlled queuing and routing	Provides a 10% average productivity gain by prioritising alerts by urgency
Regulatory disclosure and e-filing support	Automates the creation, population and filing of reports in a number of different national and international formats

How it Works



NetReveal Editions

NetReveal solutions are available in three feature levels, called Editions, that meet the unique requirements of global financial institutions. Licences are sold with support and maintenance and are available from 3-10 year terms.

Foundation Edition – recommended for financial institutions who are at the beginning of their compliance journey. As compliance maturity grows, organisations can easily take on more advanced features in accordance with their needs by upgrading to the Enhanced or Advanced Editions.

Enhanced Edition – best suited for financial institutions who have a more established compliance programme and are looking to enhance existing technology investments before budgeting for new value-add solutions.

Advanced Edition – tailored for financial institutions who are ready to excel in their compliance measures by using the most advanced analytics technologies such as our Artificial Intelligence capabilities to harness and eliminate as many false positive alerts as possible.

Why BAE Systems?

- **For over 20 years** BAE Systems has been providing NetReveal Compliance and Fraud solutions to more than **50% of the Top 40 Tier 1 global financial institutions**.
- **Our data science practitioners** and subject matter experts boast years of **deep domain and financial services experience**.
- **Our solutions provide a breadth of functionality:** holistic single platform, white box detection, along with **efficient and intuitive user interfaces**.

Why the NetReveal Platform?

NetReveal utilises robotic process automation (RPA) and other innovations that improve operational efficiency and transform the effectiveness of investigators and analysts. Features include:

- **A single centralised 360-degree** customer view, covering all pillars of compliance, consolidating customer associated information (e.g. KYC) with a fully audited trail of historical alert and case investigations. This central investigation source has improved efficiency by 30-40%, fostering intelligence-led alert and case disposition decisions.
- **Advanced** analytics with artificial intelligence and machine learning which operate in conjunction with existing detection logic to detect new criminal approaches and trends in AML and Fraud.
- **Real-time** and batch connectivity to minimise potential risk to your organization.
- **Profiling** based on specific entity (e.g. account, customer, transaction), flexible segmentation and peer group, behavioral, and risk analysis.
- **Componentised** (or de-coupled) technology stack increases deployment flexibility and makes future upgrades easier.
- **Auditability** on decisions and actions that can be easily reviewed by line of business leads through to external auditors.

Detect and prevent money laundering, fraud, and cyber attacks – all from a single, trusted, market leader – BAE Systems.

NetReveal Enterprise Investigation Management (EIM)

NetReveal EIM is a single user interface for both Compliance and Fraud operations:

- Domain specific standard screens and investigative workflows
- Flexible user access and control
- Graphical entity analysis and transaction filter technology
- Operational reporting with automated email scheduling
- External alert ingestion
- Currency Transaction Reporting
- Suspicious Activity/Transaction Reporting (SAR/STR)
- Data Privacy Agent (GDPR compliant)
- Intelligent Alert Prioritisation and automated workflows

Investigation Management

Regulatory Reporting

Data Privacy

Automation

NetReveal for AML Compliance

NetReveal combines the best of advanced analytics, technology advancements and human expertise to help reduce the cost, time and effort of addressing anti-money laundering (AML) and compliance obligations.

NetReveal AML Compliance solutions include:

- AML Transaction Monitoring (Retail/Correspondent Banking)
- AML Optimisation
- Managed Analytics Service for AML Compliance
- Real-time Risk Assessment Customer\Connected Party
- Real-time On-going Due Diligence Customer\Connected Party
- Transaction Filtering
- Sanctions and PEP Screening

Anti-Money Laundering

Customer Identity

Watch List Management

NetReveal for Fraud

Fraud is growing at a rapid pace. New regulations, channels and demand for seamless customer experiences present a unique challenge for institutions. NetReveal Fraud solutions protect financial institutions from loss of monetary and information assets:

- Insurance Fraud
- Application Fraud and Account Monitoring
- Payments Fraud
- Tax & Benefits Fraud

Cyber Security Services

We provide an extensive range of professional services for cyber security and analytics:

- Cyber Security Advisory
- Incident Response
- Cyber Technical Services
- [Plus many more](#)

Contact Details: UK: +44 (0) 1483 816000 | US: +1 (703)848 7000 | AUS: +612 9240 4600

BAE Systems, Surrey Research Park, Guildford, Surrey, GU2 7RQ, UK
E: learn@baesystems.com | W: baesystems.com/compliance

 [linkedin.com/company/baesystemsai](https://www.linkedin.com/company/baesystemsai)

 twitter.com/baesystems_ai