

# NetReveal Transaction Filtering

Screen transactions to entities found on internal and external watch lists with the fewest amount of false positive alerts

## The Challenge

Financial institutions must screen payments that could trigger hits against sanctions watch lists. They must examine cross-border international payments along with but also more and more domestic transactions, against internal, public and commercial aggregator lists to comply with local or international regulations.

Watch list management practitioners are plagued with high false positives on sanctions alerts and increasing levels of alerts they need to review and process each day – which diminishes investigative efficiencies and makes them more vulnerable for potential sanctions breaches.

Financial institutions are spending more time, money and resources investigating false positives as transaction volumes and worldwide cross-border money transfer activities increase.

Missing an alert that is a true positive can have severe regulatory and reputational consequences if the transaction is not stopped.

BAE Systems positioned as a **“Category Leader”** in the 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

The NetReveal® Transaction Filtering solution helps financial institutions meet payment screening requirements and provides a packaged, configurable, risk-based approach for watchlist investigators to easily facilitate regulatory reporting, transaction interdiction, and asset freezing.

## Our Capabilities

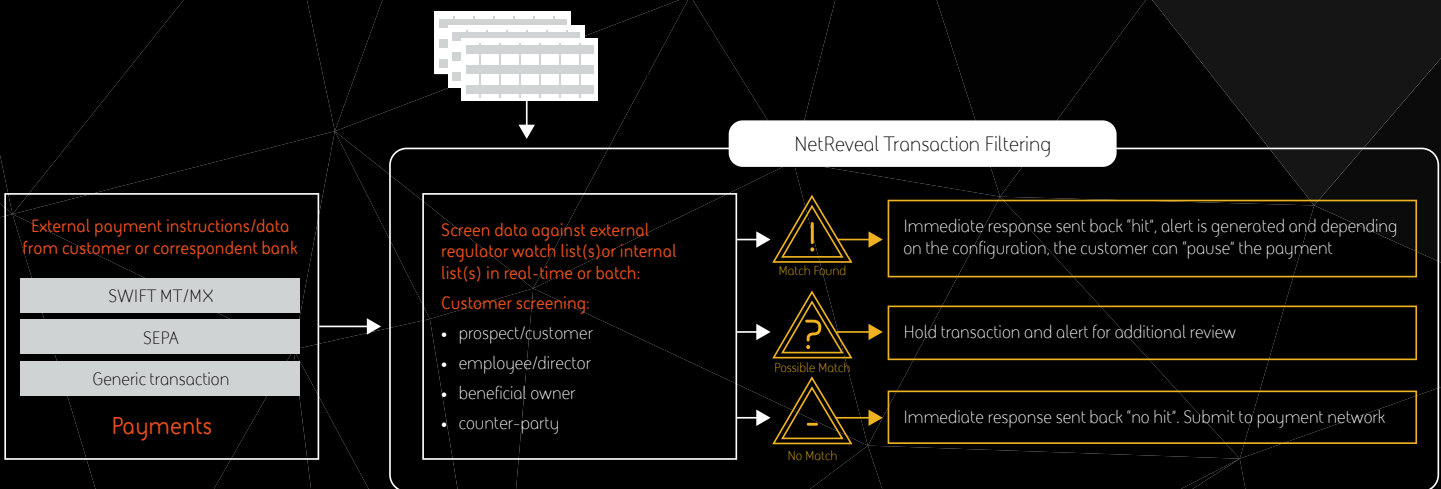
NetReveal Transaction Filtering provides financial institutions with:

- **Match exclusion technology** – improves investigator efficiency by reducing the number of false positives they would have to investigate on average by 40-60% without compromising filtering accuracy. Financial institutions can decide to remove the false matches, immediately close them, or keep them hidden from the investigator screens. A full audit trail provides documentation of the decisions taken
- **Entity-based investigations** – improves investigator efficiency on average by 20-30% via a single centralised 360-degree view of alerts relating to a customer or entity – fostering intelligence-led dispositioning decisions
- **Comprehensive filtering coverage** – inclusion of protocols for any message type, including SWIFT MT and MX, ACH, and FedWire
- **Automated updates** – lists are automatically imported and updated daily or even multiple times per day to ensure institutions are screening against the most up-to-date lists to reduce exposure across their organisation
- **SWIFT 2019 certified application performs real-time and batch screening** – against 350+ global watch lists, consolidated list vendors, and internal lists for transaction interdiction to ensure compliance prior to inspection and disposition
- **Concatenated matching** – increases strength of detection by alerting on sanctioned entities or persons that have intentionally included too many or removed spaces in their name to avoid detection by screening systems

## Additional Capabilities

Feature	Benefit
Real-time Processing	Performs advanced screening against millions of watchlist entries below 40 milliseconds on average
Advanced Detection Technology	Applies specific detection logic for transaction types, geographies, and counterparties to detect different forms of data within financial transactions, such as names, addresses, dates, numeric details, or free text information
Intuitive User Experience	Facilitates interdiction workflow, follow up reporting, and regulatory disclosure for more efficient and effective investigations
Weighted Words and Normalization	Hides false alerts and provides greater accuracy so only truly positive alerts are queued for investigation
Scenario Self-Service	Enables rule sets to be easily configured and fine-tuned in-house, removing the need for costly vendor visits for detection model tuning
Single Enterprise-wide Deployment	A single deployment of NetReveal supports multiple lines of business and any complexity of segregated organizational hierarchy, not only by reducing cost, but also by enabling data-sharing between diverse operations easier. Where necessary, local customizations can also be added. Field-level security enables FIs to comply with local data privacy regulations.

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

- **A single centralized 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 minimize potential risk to your organization.
- **Profiling** based on specific entity (e.g. account, customer, transaction), flexible segmentation and peer group, behavioral, and risk analysis.
- **Componentized** (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 Prioritization 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 Optimization
- 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: US: +1 720 696 9830 | UK: +44 (0) 1483 816000 | AUS: +612 9240 4600

BAE Systems, 8000 Towers Crescent Drive, 13<sup>th</sup> Floor, Vienna, VA 22182, USA  
E: [learn@baesystems.com](mailto:learn@baesystems.com) | W: [baesystems.com/compliance](http://baesystems.com/compliance)



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



[twitter.com/boesystems\\_ai](https://twitter.com/boesystems_ai)