

NetReveal Managed Analytics Service for AML Compliance

Customised projects in partnership with financial institutions seeking to apply advanced analytics solutions to optimise their AML detection performance

The Challenge

The global banking industry has invested heavily in technology and human resources during the past few years to improve their Bank Secrecy Act (BSA) and Anti-Money Laundering (AML) compliance programmes. A Wealth Insight report estimates global AML spending exceeded \$8 billion in 2017, up 36 percent from 2013.

But in the wake of all these investments, there are many gaps that have not been addressed:

- Impaired AML efficiency and effectiveness by traditional rules-based technology
- Difficulty in finding and retaining highly trained staff in the face of changing skill-sets
- Poor customer data everywhere impacts investigation speed and effectiveness
- Skilled compliance staff spend too much time on manual data gathering tasks
- High volume of transaction alerts and false positives

There is a regulatory push around the world to embrace advanced data analytics and machine learning technologies to provide a holistic view of risk across compliance and to create more complex and effective scenarios to recognise and combat constantly evolving financial crimes.

Our Approach

The NetReveal® Managed Analytics Service for AML Compliance provides the perfect combination of targeted analytics technology, data science skills, and compliance expertise to help financial institutions improve the performance of their AML operations sustainably for the long term.

The service combines human and machine intelligence to ensure our clients meet their goals of improving the productivity and effectiveness of AML investigative teams, lowering false positive rates, and uncovering unrealised risk:

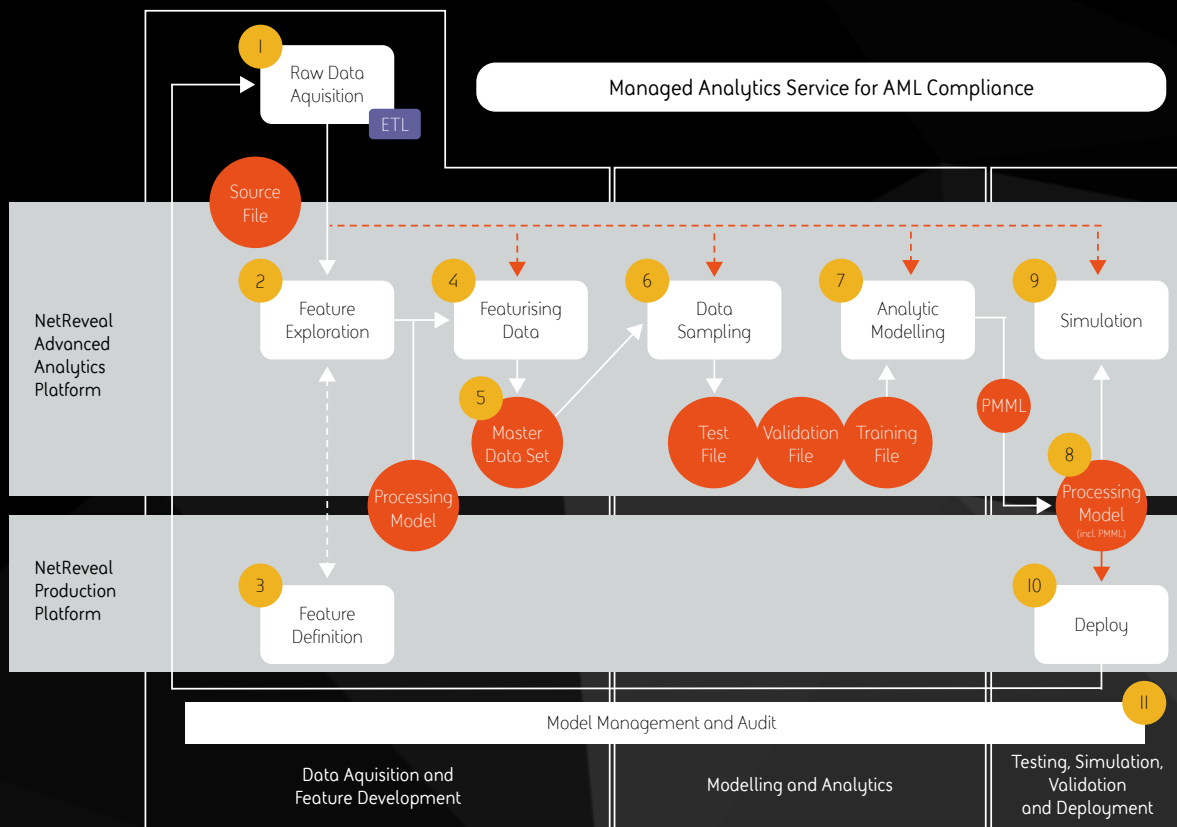
- Our dedicated team of financial services and regulatory domain experts, NetReveal data modelers, and data scientists bring solid experience to help maximise AML operations.
- Our team utilises the NetReveal Advanced Analytics Platform to perform powerful detection tuning, model management and governance, new risk and typology research, and operational monitoring. We test, simulate, validate – then deploy to make transformational improvements to AML compliance programmes.
- Our robust audit features enable investigators to easily present clear evidence of their model risk governance methodology to banking regulators.

Data analytics and machine learning are widely seen as the approaches with the **greatest potential to improve current practices.**"

Additional Capabilities

Feature	Benefit
Advanced detection technology	Avoid missing suspicious activity amongst a sea of low value alerts and investigations - move on from the limitations of the traditional rules-based methods for detection of suspicious activities to sophisticated analytical and machine learning models
Reduce detection time and remove errors	Improved detection effectiveness through lower False-Positive rates and increased True-Positive rates
Modernise their compliance programme and regulator relationship	Demonstrate controlled application of advanced analytics to build confidence and trust with regulators

What it Covers



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:

Investigation Management

- 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

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](#)

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