



# Stay Ahead of Risk with AI-Driven Fraud and Financial Crime Detection from NTT DATA and Splunk

## Financial crime today has evolved past the capabilities of legacy systems.

Today's financial fraud and crime has outpaced the capabilities of legacy systems. For years, many organizations maintained separate teams and approaches for fraud prevention and anti-money laundering (AML) compliance believing this approach was essential to security.

However, in this new era, that approach no longer works. Today's criminals are blending fraud and money laundering, which makes it difficult to identify interconnected risks, close investigative gaps, and meet regulatory requirements. These same legacy systems also struggle to adapt to emerging threats or to recover from crippling downtime episodes.

What financial systems need today is a combined approach to untangle the regulatory and modernization challenges financial services institutions face. Merging fraud and AML (FRAML) teams will streamline investigations, save costs, and enhance compliance.

Splunk and NTT DATA deliver the unified data visibility, regulatory fluency, and AI-enabled capabilities financial institutions need to build modern, AI-driven fraud and financial crime detection and compliance.

### Be prepared for a new era of risk with:



Integrated fraud and AML investigations



Future-ready intelligent financial services



Compliance through data transparency

## Integrate fraud and AML investigations

Though separate teams might allow for specialization, disconnecting fraud and AML creates dangerous blind spots. Disconnected data, redundant workflows, and fragmented processes can overwhelm investigators and slow their response times in an attack. And low data visibility gives fraudsters more time to exploit gaps in the system.

FRAML combines real-time analytics, AI-driven detection, and seamless data integration to stay ahead of cross-border crimes, fraud risks, and AML regulations with the Splunk platform and NTT DATA.

Drawing on their many years of experience working with financial services institutions, NTT DATA can bring fraud and AML teams together on the Splunk platform to access a consolidated investigative view. Advanced AI-detection models and machine learning (ML) can more accurately and quickly identify overlapping risks, behavioral knowledge, and financial crime indicators.

Splunk also accelerates investigations with automated alerts, case management, and workflow orchestration. Financial services institutions gain a harmonized data environment that aligns detection logic and real-time insights to spot emerging threats. That consolidated investigative view also allows teams to find interconnected risks across accounts, entities, and transaction flows.

## Deliver the future of intelligent financial services

Legacy systems cost financial services institutions serious cash in tech debt every year. As these systems age, they require more maintenance, cause friction with modern tools — and can increase downtime. Investing in modernization can be difficult when you already have resources tied up maintaining aging tools.

NTT DATA is an expert in helping financial institutions make the leap to unified, real-time intelligence, advanced AI, and automated workflows. Unify payment and risk data across a previously siloed infrastructure to enable seamless system integration. Get a consolidated view of customer behavior, risk signals, and

investigative context. And speed up investigations and reduce friction in digital experiences with automated workflows, intelligent routing, and real-time alerts from Splunk.

Modernize today with NTT DATA guidance in implementing Splunk technology to detect emerging threats, reduce false positives, and ensure transparent, audit-ready data across all digital payment touchpoints.

## Achieve compliance through data transparency

Financial services institutions navigate strict compliance rules and regulatory reporting daily. Juggling regulatory pressure while fighting fraud creates overwhelmed teams throughout the enterprise. Without transparent, available data, financial services institutions cannot validate controls, manage risk, or track lineage. Traditional approaches can cause operations to collapse under this strain, leaving operations exposed.

Data sprawl remains a major roadblock. The solution: embedding resilience into compliance operations at the foundation with unified data. Unify fragmented data and strengthen visibility across systems with the Splunk platform. Embed resilience into compliance operations by ensuring data is protected end-to-end through strong authentication and secure-by-default workflows. Strengthen visibility into critical assets and processes with continuous data discovery, monitoring, and insights that help address compliance risks before they escalate.

Fines can be costly in this highly regulated industry. Get up to standard from day one. NTT DATA leverages its deep experience to set up automated regulatory workflows on the Splunk platform with third-party risk management, consistent audit trails, regulatory reporting, and compliance framework integration.

This integrated approach enables faster responses to emerging threats and compliance gaps. Then fraud, AML, IT, and governance teams can align around shared data and coordinated actions.

With NTT DATA and Splunk, financial services institutions' systems are scalable, unified, and compliant by design, and are ready to defend against the next era of fraud threats.