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YDelay Launches Trade Fraud Risk Intelligence Framework to Help Detect Risk Across the Cross-Border Shipment Journey

New framework connects physical shipment documents, historical data, and multiple fraud signals to identify and support risk decisions

WASHINGTON, DC, UNITED STATES, September 8, 2026 /EINPresswire.com/ -- YDelay, a practical technology partner focused on turning fragmented processes and unclear requirements into scalable working systems, today formally launched its Trade Fraud Risk Intelligence Framework at the 17th annual Billington CyberSecurity Summit in Washington, D.C.

The framework is designed to help organizations identify trade fraud and shipment risk that can remain hidden when documents, identifiers, transactions, and shipment data are reviewed separately.

“Trade fraud rarely announces itself in a single document,” said Abhi Arora, Founder and Managing Director, YDelay. “The signal often appears in the relationship between documents, the shipment history and what is happening physically. Our framework brings those signals together so organizations can move from simply reviewing information to understanding whether an entire shipment tells a consistent story.”

From document review to connected risk intelligence

A typical shipment may include a commercial invoice, packing list, waybill, shipping label, and barcode. Each document may appear accurate when reviewed independently, while inconsistencies become visible only when the information is compared across the shipment.

The YDelay framework is built around this principle: the problem is not simply reading the document; it is knowing whether the entire shipment tells a consistent story.

The framework's five-stage intelligence pipeline is designed to:
Scan — Capture information from documents, shipping labels, integrated digital artifacts, and barcodes or QR codes.
Extract — Convert physical shipment information into usable digital data, including OCR text, decoded barcodes, document classifications, entities and identifiers.
Correlate — Compare information across related documents and against shipment history,

validating identifiers, parties, price, weight, origin and route.
Detect — Identify duplicates, anomalies, outliers, document inconsistencies and suspicious patterns.
Decide — Produce an explainable risk score and support a defined action, such as “clear”, “verify”, “hold”, “investigate” or “escalate”.

This approach enables organizations to examine multiple risk indicators simultaneously rather than relying on a single document, rule or data point.

One scan. Multiple fraud signals.

The framework can identify potential indicators including quantity mismatches, weight inconsistencies, duplicate tracking numbers, unusual origin or routing, behavior, value anomalies and HS-code classification inconsistencies.

An automated cross-document review identifies six independent signals, and produces a value-at-risk and high/critical-risk score, with a recommendation to hold the shipment for secondary review.

“The objective is not simply to flag a shipment, but to make the reasoning behind the decision visible,” added Arora. “YDelay's approach is designed so that findings can be traced back to their source documents and supporting evidence, helping investigators understand why a shipment has been identified for review.”

Connecting the physical and digital worlds

The framework begins with a physical event—a document or a shipping label being scanned, or a digital artifact being processed, with no set data limits.

YDelay's YD Risk Intelligence & Orchestration layer can connect information from customs systems, ERP and CRM platforms, warehouse systems, shipping and logistics systems, historical transactions, documents and images.

The underlying intelligence layer includes data integration, document intelligence, entity resolution, anomaly detection, cross-signal correlation, explainable risk scoring, investigation workflow and decision orchestration.
“The scan is only the trigger,” said Arora. “The value comes from connecting what is physically in front of you to the organization's existing data and risk intelligence. That creates the potential for a much more complete risk picture without requiring organizations to replace every system they already use.”

Designed to work with existing risk technology

The framework is designed as an open intelligence layer, allowing organizations to configure inputs and outputs around their existing technology environment. It can work alongside fraud platforms, sanctions databases, identity systems, cybersecurity tools and external intelligence sources.
While trade and shipment risk is a key use case, YDelay's architecture is intended to support other operational risk and intelligence workflows where organizations need to connect fragmented information, detect anomalies, and turn complex signals into explainable decisions. With approximately 70% of the underlying architecture and intelligence logic standardized and 30% configurable, the platform can be tailored to a wide range of operational and risk intelligence use cases.

YDelay is introducing the framework as cross-border organizations face an increasingly complex operating environment shaped by changing tariffs and trade policies, geopolitical pressures, regulatory requirements and interconnected global supply chains.
The Trade Fraud Risk Intelligence Framework is being formally introduced at the Billington CyberSecurity Summit, where government, military and industry leaders are convening Sept. 8–10 to address cybersecurity challenges in an era of increasingly sophisticated and AI-enabled threats.

YDelay representatives will be available throughout the Summit for conversations with media, industry leaders and prospective partners.

About YDelay
YDelay is a technology solutions company that works alongside businesses to understand how they operate, combining technical expertise and business problem-solving to turn complexity into practical solutions that deliver measurable results. YDelay helps clients improve operational visibility and controls, reduce risk, and build systems that can scale and evolve with their business. From discovery and design through deployment and ongoing improvement, YDelay stays accountable for the outcome, not just the recommendation.

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