



See every connection behind the alert
by DataEconomy

Investigating *suspicious activity* with Knode

The Knode Interactive Graph significantly enhanced the efficiency and effectiveness of AML investigations. It allowed users to seamlessly explore entities and relationships across customers, accounts, and transactions within a unified view.

SECTOR

Banking · AML & Sanctions

PLATFORM

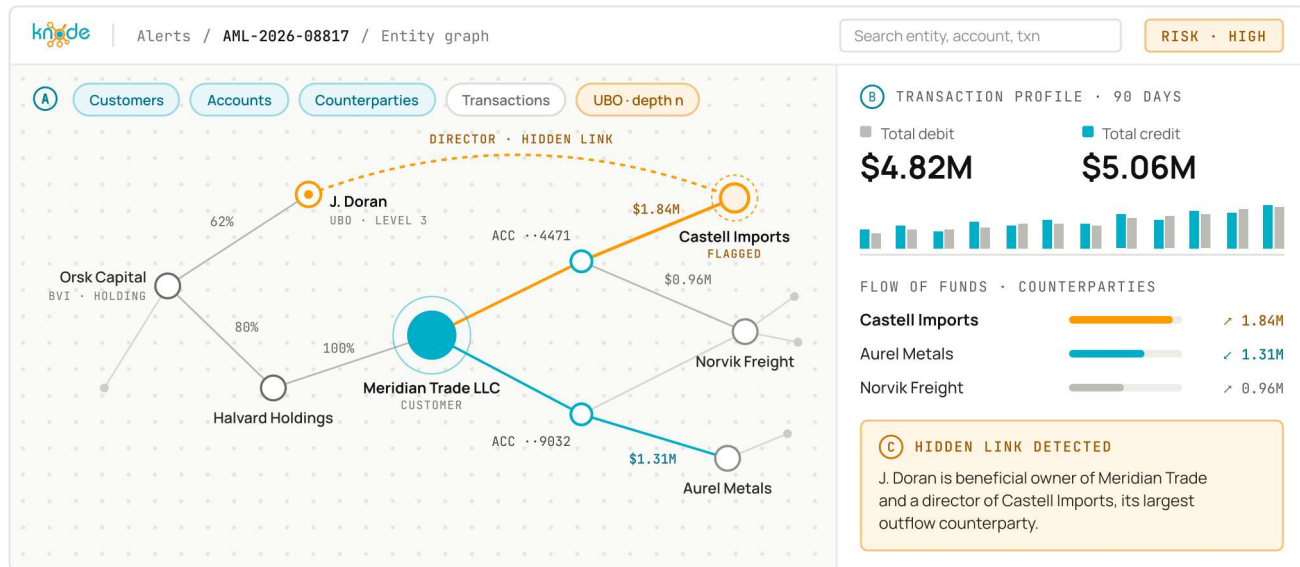
Knode by DataEconomy, on Neo4j

USERS

AML investigators

FIG. 1 — KNODE INVESTIGATION WORKSPACE

ILLUSTRATIVE DATA



01 Problem

Manual investigation of AML alerts is **time-consuming and highly complex**, as analysts must sift through large volumes of transactional and customer data.

Data is **scattered across multiple systems and numerous reports**, making it tedious to piece together a customer's overall risk profile.

Identifying risky relationships or links associated with a customer is a complex and time-consuming process.

02 Solution · Knode

- (A) Interactive Entity Relationship Graph**
Visual exploration of entities and relationships across customers, accounts, and transactions.
- (B) Transaction Activity Visualization**
Total debit and credit volumes, and the flow of funds to and from counterparties.
- (C) Beneficial Ownership & Risky Links**
Ownership resolved to the nth level, revealing hidden or indirect connections.

03 Results

Investigators could easily **trace the flow of funds**, examine transaction activities, and analyze a customer's overall risk profile.

- Faster case reviews
- Improved collaboration among investigators
- More accurate identification of risky links and money-laundering patterns

FIG. 2 — REFERENCE ARCHITECTURE

SOURCE SYSTEMS → KNODE → INVESTIGATOR



"I reviewed 5-6 different applications that offered embedded graphs. What your team has developed through this process is better than each of the offerings that I reviewed. My team is excited to deepen our use of this tool in our investigations."

04 · FEEDBACK

Vice President

AML and Sanctions, banking client