



Privacy-Preserving Information Sharing: The Next Generation of Financial Crime Investigations



The High Stakes, Low Return World of Financial Crime and Compliance

Every year, terrorists, drug lords, and human traffickers launder over \$1.5 Trillion through the global financial system. Despite investing a significant amount of time and money – over \$25 Billion is spent annually in the United States alone, and the number of submitted SARs is constantly on the rise – financial institutions are only able to catch a small percentage of these funds.

Suffice to say that despite this time, effort, and investment, institutions aren't getting the results they need.

In addition to siloed organizational structure, inconsistent and varying regulations across jurisdictions, and disparate data, financial regulators point to a key reason why criminals keep coming out ahead: ineffective information sharing across financial institutions.

Fighting Back: It Takes A Network To Defeat a Network

Today, collaborating on investigations across institutions is inefficient. Getting a response to a 314(b) request can take months – leaving investigators chasing down potential false positives, and making investigations (and SAR filing) incomplete. Most importantly, the lack of timeliness potentially allows criminals to successfully launder funds.

What if inter-institutional collaboration could be automated, safe, and completely confidential?

Duality SecurePlus™ Query enables Financial Crime and Compliance teams to collaborate securely across groups, jurisdictions, and institutions. It allows different teams to securely query one another's data – for example, by asking questions about accounts and transactions – and receive an answer in seconds, helping weed out false positives, improve outcomes, increase efficiency – and most importantly, reveal money laundering networks.



"We looked at the accuracy, data integrity, performance and a number of other areas required for investigations. We proved that Duality's technology is very promising for the future in addressing the inconsistencies in regulations and the challenges in cross border and transnational collaboration."

Maria Vello, CEO Cyber Defence Alliance

Partners and Recognitions

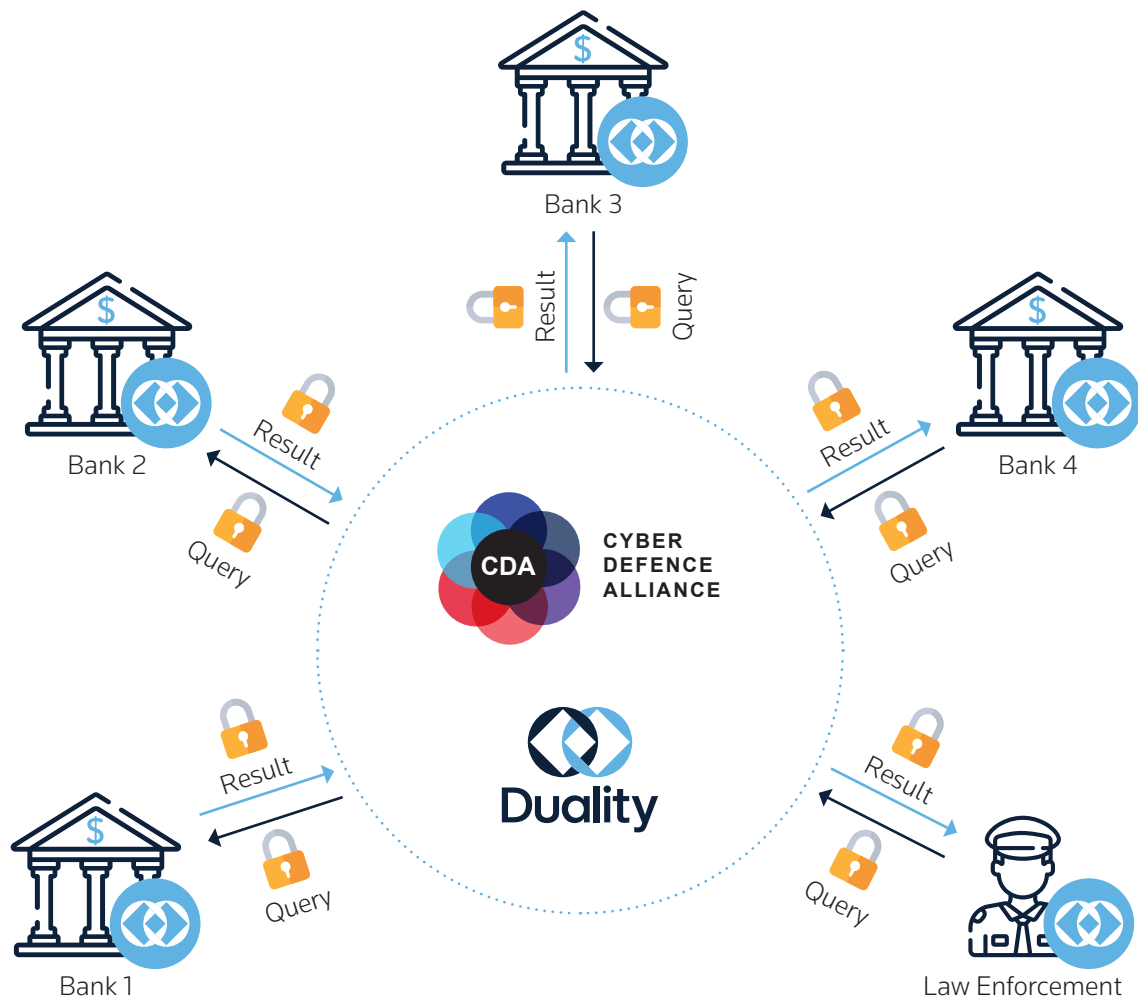


Homomorphic Encryption Standardization



Duality and the Cyber Defence Alliance

Duality partnered with the Cyber Defence Alliance (CDA), a collaboration of European banks and law enforcement agencies, to implement a first of its kind privacy-enhanced inter-bank information sharing system. During a Proof of Concept with the CDA, four member banks, and law enforcement, participants used Duality SecurePlus Query to join forces on investigations without compromising on privacy, confidentiality, and security, while complying with existing financial and privacy regulations. At the same time, Duality transformed a burdensome and manual data sharing process by shaving it down from months to seconds, signaling a paradigm shift in the world's ability to fight financial crime.



About us

Duality Technologies was founded by world-renowned cryptographers, including a Turing award winner, and data science executives, with the mission of delivering privacy-preserving solutions to the market. Backed by Intel Capital, Hearst Ventures, and Team8, Duality addresses the rapidly growing need of enterprises across regulated industries to collaborate on sensitive data. Our award-winning platform enables secure analysis and AI on encrypted data, without exposing raw data or valuable models, or infringing on data privacy regulations.