

# CipherTrace Sentry™

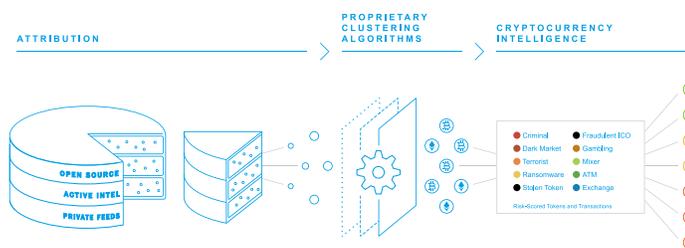
## Cryptocurrency Anti-Money Laundering

### Grow Revenue by Handling More Crypto with Less Risk

The CipherTrace™ Cryptocurrency Anti-Money Laundering solution, Crypto AML, enables exchanges to grow revenue by safely engaging in Bitcoin and Ethereum transactions while maintaining a low risk profile. The platform’s attribution information and high-speed API automates risk scoring of transactions. It helps cryptocurrency businesses easily and economically comply with AML regulations around the globe. Investors and hedge funds use Crypto AML to verify the source of funds. For regulators and compliance officers, the solution provides an easy-to-use graphic interface that allows non-technical users to search addresses, receive risk scores and produce reports on risky transactions.

### Attribution Information Provides an Accurate View of Risk

The CipherTrace platform gives a broad, high-resolution view of the cryptocurrency transaction landscape, and uses this to provide actionable intelligence for AML investigation and compliance. It integrates both open and closed-source intelligence—and leverages proprietary clustering algorithms—to rapidly aggregate and correlate a variety of indicators, and then provide users with actionable attribution. This capability helps compliance officers gather evidence quickly to respond and report suspicious transactions.



Proprietary clustering algorithms de-anonymizes crypto businesses to risk rate transactions.

CipherTrace analysts add over 1.5 million attribution each week. The platform integrates attribution data from active intelligence gathering, private intelligence sources and open-source intelligence (OSINT). This data is collected from:

- Public sources
- Honey pots and other active capture sources
- Trusted communities, including law enforcement and regulators
- CipherTrace Crypto Recovery Network
- APWG eCrime Exchange (eCX) — a data feed comprising 1,500+ sources

Proprietary clustering algorithms, advanced statistical analysis and clustering techniques distill meaning from this massive data lake, resulting in a high-resolution view of the cryptocurrency risk landscape. This view spans everything from dark markets to hundreds of global exchanges, delivering actionable intelligence for AML investigation and compliance monitoring.

## Crypto Anti-Money Laundering for Financial Services

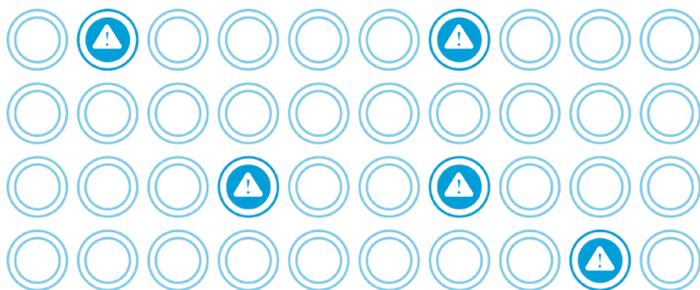
- Cryptocurrency exchanges
- Initial Coin Offerings (ICOs)
- Cryptocurrency hedge funds
- Banks, brokerages and credit unions
- Money Service Businesses
- Regulators and auditors
- Law enforcement and financial investigators

## Algorithms Calculate Risks Levels

CipherTrace algorithms calculate risk levels based on associating suspicious addresses and wallets. CipherTrace also profiles hundreds of global exchanges, ATMs, mixers, money laundering systems, gambling services and known criminal addresses to score transactions and assess risk. It then assigns risk levels to transactions based on activity related to suspicious addresses and wallets.

## High Speed APIs Automate Compliance Tasks

CipherTrace has developed a simple-yet-powerful Application Programming Interface (API), which delivers real-time assessments of cryptocurrency transaction risk. This interface can be rapidly integrated with your existing compliance infrastructure to deliver real-time assessments of cryptocurrency transaction risk. The high-performance API quickly returns actionable risk scores for each transaction. A crypto business or financial institution, can then make decisions on whether to investigate a customer for violations of its AML policy or local regulations. The API can automatically produce a deeper level of analysis to provide the level of detail required by regulators, including FinCEN, for Suspicious Activity Reports (SARs).

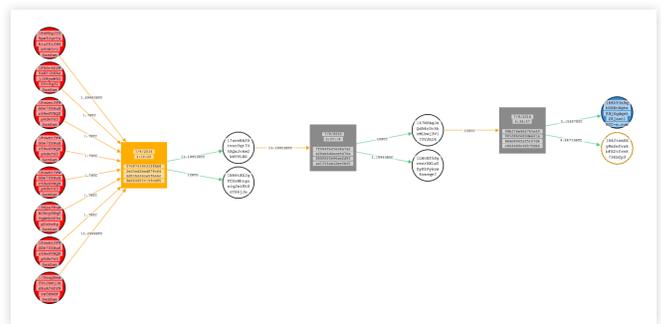


## Investigate Potential Risks More Deeply

CipherTrace's interactive user interface allows non-technical users to perform deeper investigation and visually trace cryptocurrency addresses and customers. For compliance officers, this capability ensures customers do not put the organization in danger of AML non-compliance or of handling stolen funds.

## Visual Investigation Tools

CipherTrace high-quality attribution information allows users to take advantage of live interactions with a powerful graph database to trace the flow of funds over time and through the cryptocurrency ecosystem. The interface enables users to step backward and forward through transaction histories to discover and document risky transactions. This is also used to vet new customers and their sources of funds.



Interactive Graph Database helps investigators to identify and visualize related transactions.

## Benefits

- Reduce exposure to legal liability
- Comply with Crypto AML regulations
- Automate transaction risk scoring and reporting
- Create Suspicious Activity Reports (SARs)
- Trace and document risky crypto transactions
- Detect transactions with illegal sources of funds
- Prevent stolen cryptocurrency from being traded through your services

### About CipherTrace

CipherTrace develops cryptocurrency anti-money laundering (AML)/counter-terrorist financing (CTF), blockchain forensics, crypto threat intel and regulatory solutions. Leading exchanges, banks, auditors, regulators and digital asset businesses use CipherTrace to comply with regulatory requirements, investigate financial crimes, and foster trust in the crypto economy. Founded in 2015 by experienced Silicon Valley entrepreneurs with deep expertise in cybersecurity, eCrime, payments, banking, encryption, and virtual currencies, CipherTrace is backed by top venture capital investors and by the US Department of Homeland Security. For more information, visit: [www.ciphertrace.com](http://www.ciphertrace.com)