



Building a better
working world

EY Blockchain Analyzer: Reconciler

Supports organizations' needs
to query on-chain data

Solution summary

The global digital assets industry has experienced unprecedented growth from \$186 billion in market capitalization in January 2020, to more than \$2 trillion by August 2024 based on CoinMarketCap data.

According to Oliver Wyman and Morgan Stanley, total institutional digital assets revenues in 2022 were \$7.3b (up from \$5b in 2021) and the revenue pool over the next three to five years is estimated to reach c.\$29b. The 2022 Institutional Investor Digital Assets Study by Fidelity Digital Assets also found that 90% of institutional investors are expecting digital assets in their portfolio by 2026 (vs. 52% in 2022).

As the digital asset market continues maturing in terms of mainstream acceptance, adoption and new regulatory frameworks, operational excellence and robust internal risk management are paramount for digital asset service platforms and their clients.

Business challenges

In a world where data is not just a reference to an asset, but the asset itself, it is important that financial institutions have an accurate view of their cryptocurrency holdings. Discrepancies between public data and internal records can jeopardize compliance with regulatory requirements, become liabilities, and erode customer confidence.

Building supporting data services for digital assets is slow, requires in-depth expertise, and is often not core to the business of financial institutions. Traditional financial services firms also face significant competition from crypto-native service providers who may not have the expertise or experience of servicing global financial enterprises.

Product description

EY Blockchain Analyzer: Reconciler is a tool that queries blockchain data which organizations can use for their analysis of digital assets, cryptocurrency and blockchain business transactions.

The tool allows a user to query public blockchain data, offering insights for digital asset risk management. It facilitates an enterprise's ability to query on-chain data including transactions, wallet addresses, balances and digital signatures, and compares them against off-chain data.

The queried on-chain data also enables financial institutions to enhance controls, check data quality, and provide related reporting.

Key product features

Address derivation from BIP32 Wallets

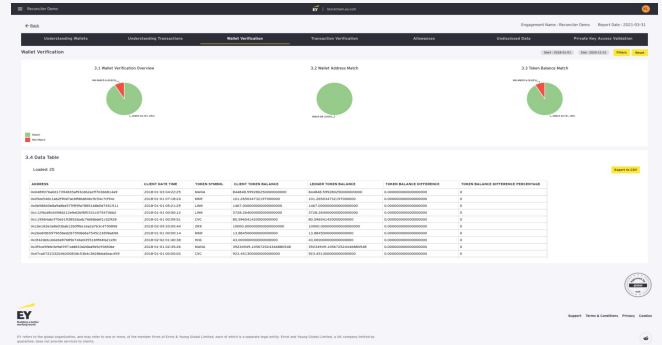
Supports = validation of wallet structures.

Balance lookup for reconciliation

Multi-asset balance lookups to query on-chain data including transactions, wallet addresses, balances and digital signatures, and compares them against off-chain data.

API-based Data querying and delivery

Data can be serviced through APIs for downstream processing.



Product benefits

Enhanced risk management

EY Blockchain Analyzer: Reconciler provides a solution to query on-chain data, helping enable an enterprise to compare internal crypto data with external on-chain data, reducing the risk of errors or inconsistencies.

Enterprise ready

Enterprise-grade platform built to address the InfoSec and Cybersecurity expectations of Financial Institutions.

Reliability and support services

The tool comes with standard support services.

Continuing the conversation

If you are interested in using EY Blockchain Analyzer: Reconciler, you can find out more at blockchain.ey.com or contact:



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EY | Building a better working world

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