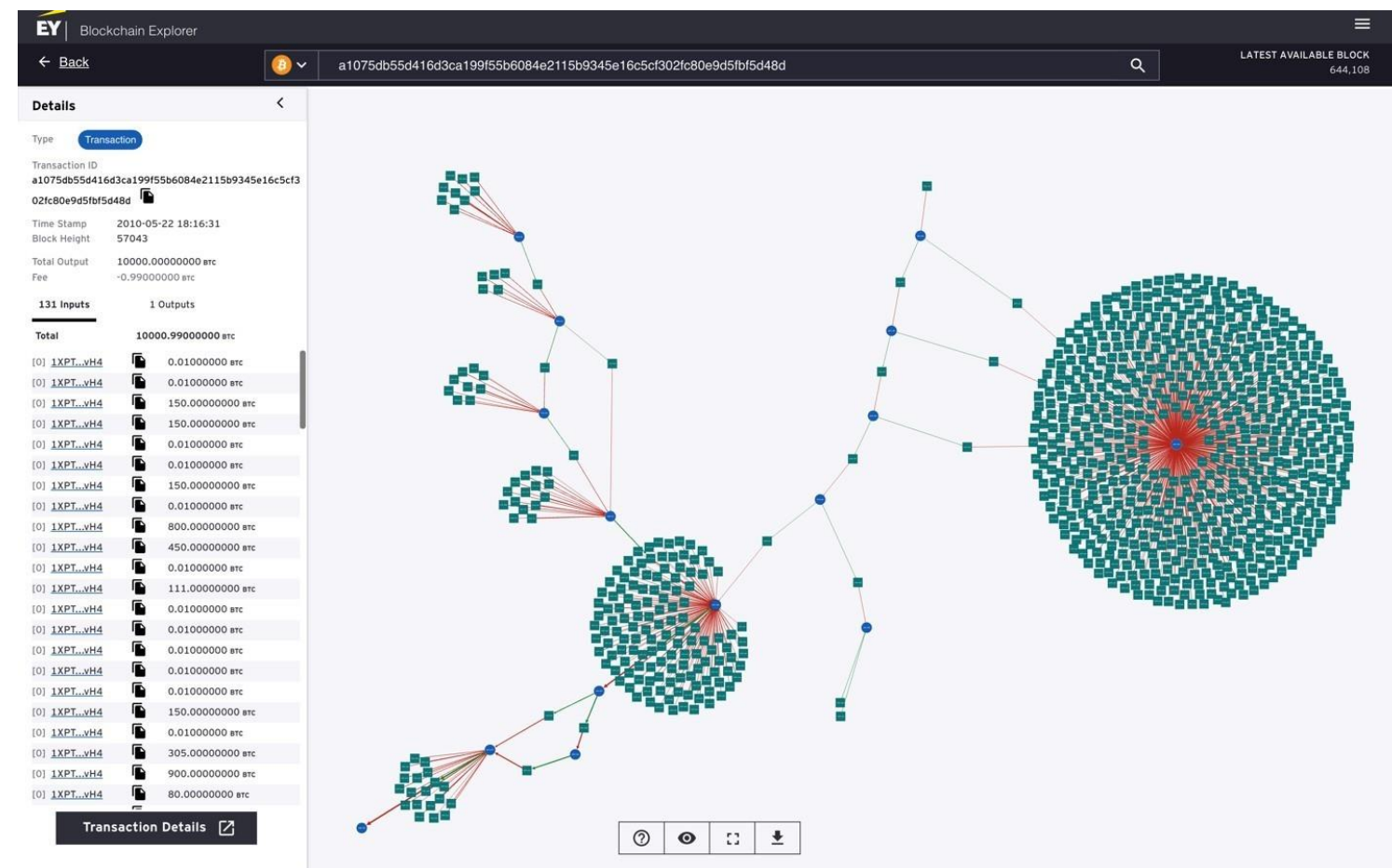


EY Blockchain Analyzer: Explorer & Visualizer

Web-based tool for exploring and visualizing on-chain data for the entire history of a blockchain



Business issue

As blockchain-enabled transactions continue to gain momentum, organizations require state-of-the-art technology solutions and approaches to deliver confidence in reporting and identification of trends and anomalies in operational activity and performance.

Obtaining and interpreting accurate on-chain data can be difficult for nontechnical users, and may lead to documentation and reporting errors.

Solution description

The Explorer & Visualizer solution is a web-based tool that allows users to access and visualize on-chain data for the entire history of a blockchain. It integrates search functionality with visualization technology to explore, track and analyze in-depth patterns and trends for on-chain data to improve management of legal, compliance, and fraud risks. The solution makes it possible for analysts, internal audit teams and forensics accountants to search for specific transactions, addresses and blocks to gather relevant information used to help mitigate potential risks of inaccurate data and inefficient processes. It reduces the time it takes to understand on-chain activity. With connectivity to [EY Virtual](#), we can deliver an integrated blockchain investigation platform for a wide range of risk management purposes.

Business benefits

- ▶ Offers a reliable source of on-chain data
- ▶ Provides easy-to-interpret visuals to communicate complex on-chain data in an accessible way
- ▶ Allows for analysis of blockchain activities, such as cryptocurrency transactions
- ▶ Improves management of legal, compliance and fraud risks

Blockchain credentials

Forensics: Using the on-chain data generated by Explorer & Visualizer, the EY Forensics team conducted fraud investigations for an asset management client.

Ranked 1st among Big Four for blockchain services ([HFS report, April 2020](#))

Why EY

- ▶ Deep industry knowledge gained from serving the largest and most complex clients
- ▶ A truly global delivery capability for blockchain
- ▶ One software-as-a-service infrastructure for all EY blockchain products on [blockchain.ey.com](#)
- ▶ Globally recognized as a technology leader in blockchain

Industries

Cross-industry with focus on:

- ▶ Asset management
- ▶ Custodians
- ▶ Digital asset exchanges

Stakeholders

- ▶ COO
- ▶ CCO and General Council
- ▶ CFO
- ▶ CIO, CTO

Technologies

- ▶ Bitcoin Core
- ▶ geth
- ▶ Blockchain
- ▶ Neo4j

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