

Product Brochure

Draft - Jan 2023

The logo for bilic features the word "bilic" in a lowercase, rounded, light green sans-serif font. The letter "b" is stylized, with its circular part containing a white fingerprint-like pattern of concentric lines.

Follow The Money

Digital Asset Forensics Tool

Product Overview

Investigation of transactions and follow the money analysis, backed by our proprietary risk engine.

Multi chain support, interoperability analysis. Can integrate additional datasets
Roadmap: increasing privacy chain and NFT analysis

Follow the Money: Digital Asset Forensics Tool

FTM

Customer Profiles:

Government and law enforcement, oil and gas rolling, private security and investigation organizations

Current Customers and Trusted Entities:

Defense Intelligence Agency Nigeria, Several exchanges





Multichain Tracker

Layout: da...

Export as JPG

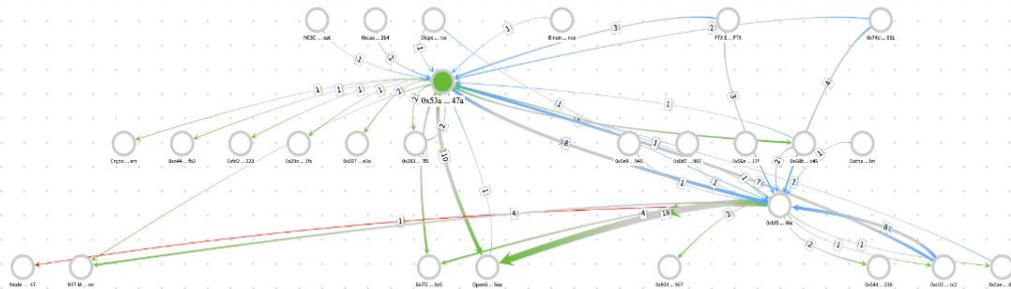
Ether (ETH)

Fetch Next 200

Date Range: Jan 1st 22 - Jun 16th 22

0xbf58855d069f9188c48378437823eb1ded3cf86c

Follow the Money



Balance
\$257,000

Label
0xbf58855d069f9188c48378437823eb1ded3cf86c

Risk Score : **250**

Expand

Classification
Trader Wallet

First & Last Transaction
4 / 29 / 2019 | 4 / 29 / 2022

Summary

Incoming
54 ETH
Total tx
287

Outgoing
254 ETH
Total tx
545



Need Assistance ?
Talk with an online rep



Digital Asset
AML/CFT Platform

Product Overview

A real time transaction layer and network analysis to manage risk of fraud, AML and CFT.

Targeted at B2B. Ideal for organisations rolling out digital asset or blockchain technology and have to comply with AML/CFT legislation

Customer Profiles:

Financial services, payment services, NFT exchanges, gaming companies with in game purchasing, sports and esports with collectibles or tradeables, art and auction houses with growing digital asset portfolios, consumer/retail companies with digital assets (eg Starbucks with their new polygon Odyssey rewards programme)

Current Customers:

In beta stage, Lloyds Bank expressed enthusiastic interest for blockchain sandbox



bilic

Dashboard

ACCOUNT

Team

Manual Lookup

Transactions

Billing

Api

Account Settings >

Transaction History

0x73a182dfE0AEBB03B8ED50...


Eth
Network

0.230...
Balance

679
Avg Wallet age

N/A
Blacklist

236
Avg Wallet Txns

N/A
Chain Abuse

N/A
Ofac

81.73%
Rating

Bilic Rating

Transactions

List of your recent transactions

Transaction Id	Score	Sender	Receiver	Amount	Status	Date	Note
0x1fbd25f645...	10	0xdc3bdb482f...	0x73a182dfe0...	1.96	True	Thu Aug 5 11:51:57 2021	
0x8838a9ede6...	10	0xf80fc3d247...	0x73a182dfe0...	1.8299	True	Thu Aug 5 11:52:29 2021	
0x22aba9ae3a...	10	0xab384f1980...	0x73a182dfe0...	1.920185	True	Thu Aug 5 12:00:46 2021	
0x22aba9ae3a...	10	0xab384f1980...	0x73a182dfe0...	1.920185	True	Thu Aug 5 12:00:46 2021	

Tutusend

Mobile Number Forensics

Product Overview

Security first approach using mobile numbers with inbuilt escrow service. Assess the risk with an individual you are about to transact with using mobile numbers. Can be integrated as a widget into payment platforms. Bridge gap between mobile banking-digital asset, whilst providing security layers.

Follow the Money: Digital Asset Forensics Tool

FTM

Customer Profiles: P2P services, retail banks supporting digital asset transactions, NFT exchanges, gaming companies with in game purchasing or digital asset trading, sports and esports with collectibles or tradeables, consumer/retail companies with digital assets

Current Customers and Trusted Entities:

Beta trials with excellent feedback by Bitkova community in Nigeria of 7000 users, P2P platform in Egypt with >1m users interested



Send and Receive Digital Asset with anyone securely

A Security first approach to digital asset transfer. Using Mobile Numbers as wallets

Select sending means

Phone Number Wallet

Recipient phone number

+234 803 336 772 0

Barrisco Mtn NG

+2348033367720 High level Risk

70% Risk

ETH Amount

Enter ETH amount* Service charge: + 0

* This service is charged at 0.02% per transaction.

Send

*In beta you can send 1 ETH max

I understand that I'm using beta software at my own risk. [Learn more](#)

Saminu Salisu,
Co-founder

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Thank You.
We are looking forward to
serving you



Saminu Salisu,
CTO

Data Engineer / Digital Forensics

Saminu Salisu is a Certified Cryptocurrency Investigator, and a PhD candidate at TU Wien with a research focus in Data Analytics and masters degree in Electronic Security and Digital Forensics.



Caitlin Egen

Head of Government and Advisory

She is a specialist in counter-crime and Cybersecurity with a Masters in Countering Organized Crime and Terrorism.



Team



Lukas Meilhammer
Operations

Lukas is a serial Entrepreneur and Blockchain Investor since 2017.



Irhimefe Otuburun

Business Intelligence

Irhimefe Otuburun is a Business and Integration Solutions Architect with a focus in Operations and Business strategy to help technology startups navigate existing markets.



Richard Brady

Finance Advisory

Raised over £24M across 2 exits in fintech, insurance tech and traditional finance.



Appendix

Follow The Money

Investigation MarketPlace

Pattern Recognition Engine

AML/CFT Data Warehouse

Bilic Verify

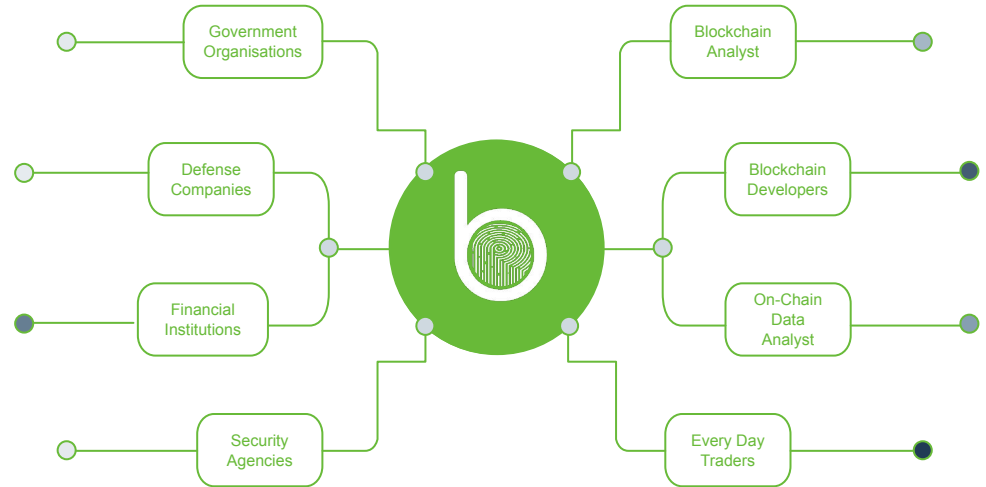
Digital Asset
Investigation
MarketPlace

Digital Asset Investigation MarketPlace

Intelligence MarketPlace serves as a one-stop shop for Threat Intelligence information, allowing users to report security issues such as malware, hacks, scams, and fraud.

Each incident report submitted through the Portal is analysed, traced, and verified by our security professionals.

After each report is examined and determined to be authentic, the information is saved on the Intelligence Data Warehouse (IDW) without jeopardizing the anonymity of any victims.



Follow The Money

Intelligence Market Place

Pattern Recognition Engine

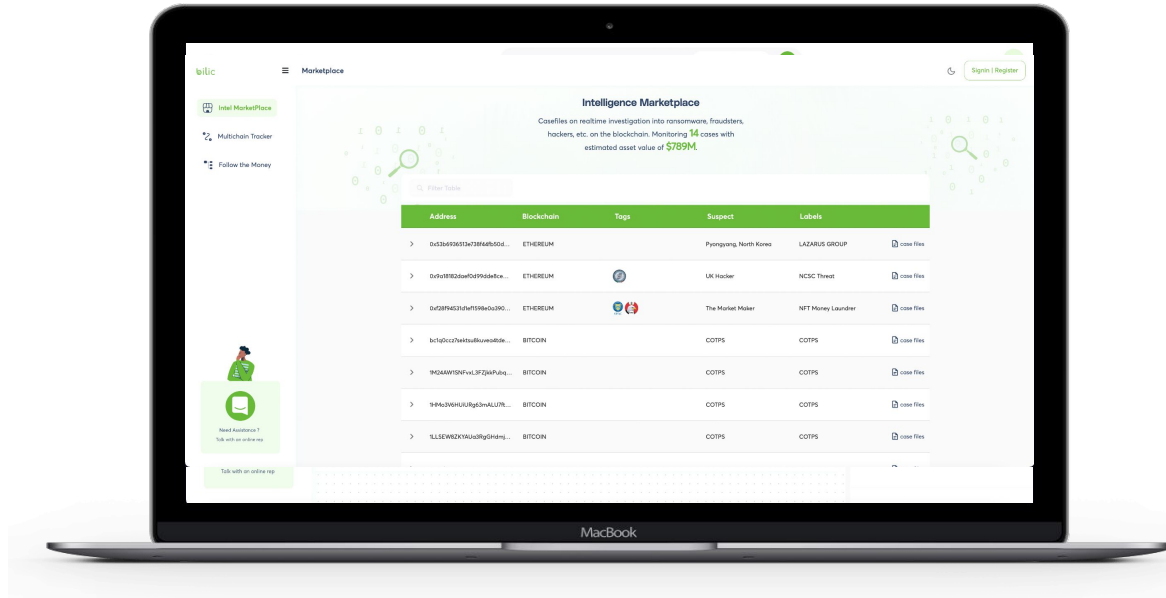
Intelligence Data Warehouse

Bilic Verify

Investigation MarketPlace

The Bilic Investigation MarketPlace is a state of the art one-stop platform for users and organisations to report and research suspicious incidents involving malware, hacks, scams and fraudulent activities.

Case reports can be purchased and investigations can be requested by organisations.



Product Overview

Follow The Money

Investigation MarketPlace

Pattern Recognition Engine

AML/CFT Data Warehouse

Bilic Verify

Pattern Recognition Engine

Follow The Money

Intelligence Market Place

Pattern Recognition Engine

Intelligence Data Warehouse

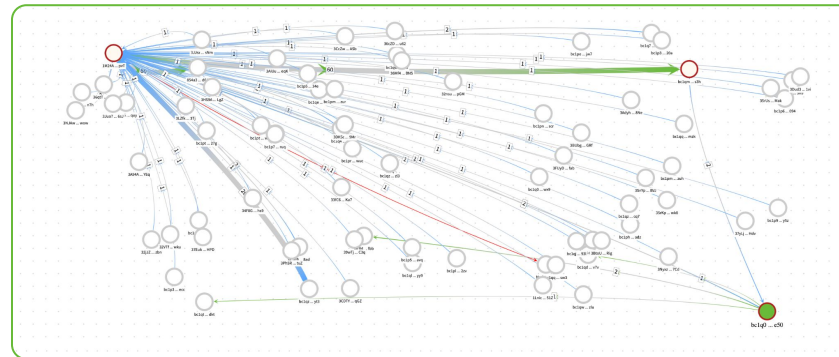
Bilic Verify (AML Scoring Engine)

Pattern Recognition Engine

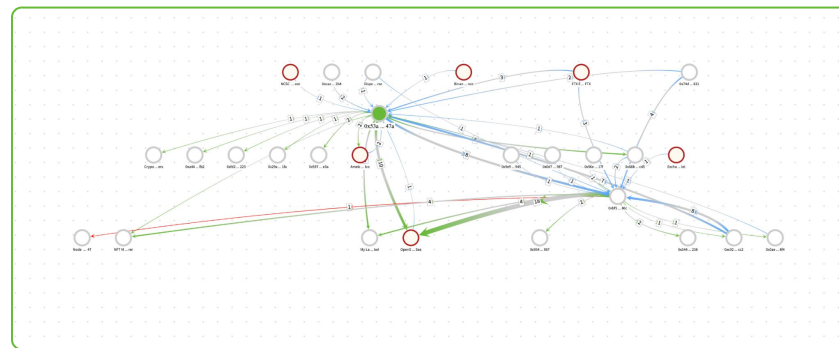
Bilic Pattern Recognition Engine employs network analysis algorithms to automatically detect patterns and irregularities in a users transaction data, namely;

- Predicting Fraud Risk Wallets With Machine Learning
- Recommending Suspicious Accounts With Centrality & Node Similarity
- Exploring Connected Fraud Data

Organised Scam Pattern



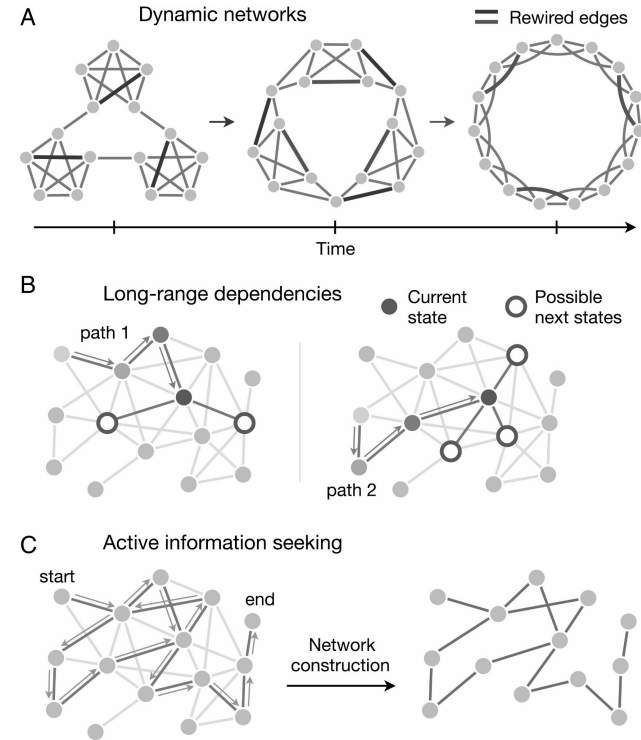
Money Laundering Pattern



Pattern Recognition Engine

The Pattern Recognition Engine allows the user to automatically detect a series of patterns to speed up investigations and fact finding. Such patterns include:

- Money Laundering Transaction Patterns: e.g. by tracking money back to another linked wallet, or carousel type of patterns. As explained [here](#);
- KYC'd Pattern: Patterns of regular interaction with KYC'd platform to allow investigators to easily de-anonymise wallets;
- Mixer Pattern: Graph patterns with links to mixers and tumblers;
- Organised Scam Pattern: A graph pattern with where funds are moved from one wallet to an operational wallet with large number of small value transactions.



Product Overview

Follow The Money

Investigation MarketPlace

Pattern Recognition Engine

AML/CFT Data Warehouse

AML/CFT Data Warehouse

Follow The Money

Intelligence Market Place

Pattern Recognition Engine

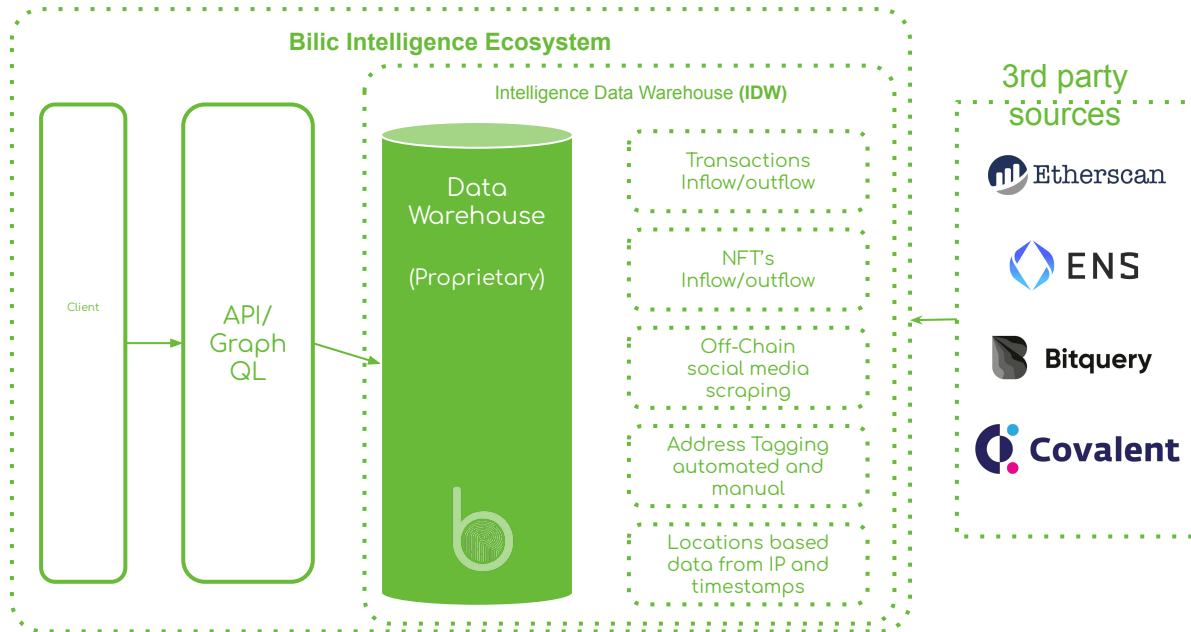
Intelligence Data Warehouse

Bilic Verify (AML Scoring Engine)

Intelligence Data Warehouse

The IDW has the following components to enable important features as below.

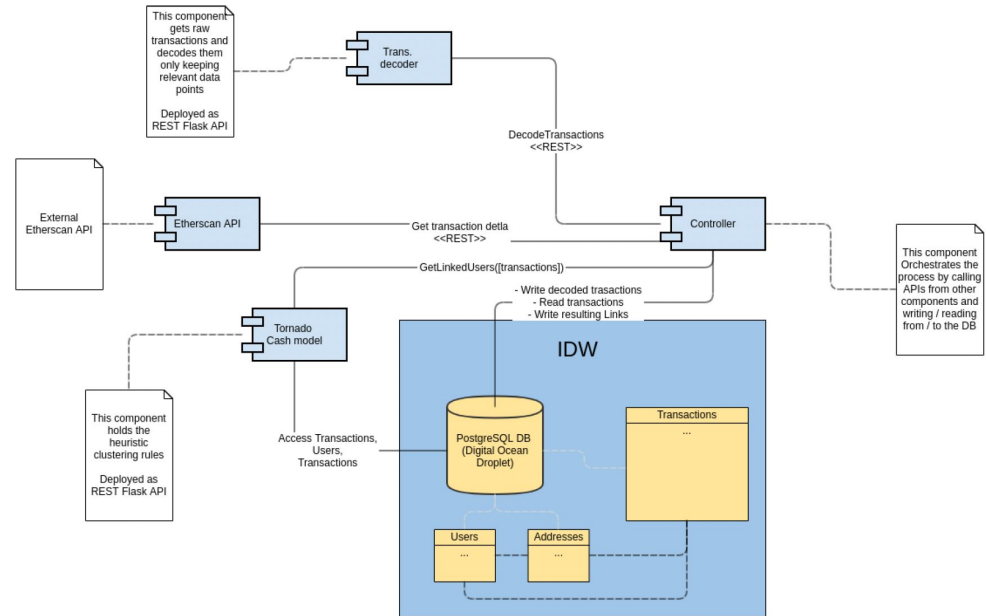
- Transactions inflow/outflow (Capable of triggering alert systems)
- NFT inflow/outflow
- Off-chain social media scraping
- Address tagging (automated and manual)
- Locations based-data from IP and timestamps



AML/CFT Data Warehouse

The data is gathered from a variety of sources to create an Intelligence Data Warehouse (IDW) that no-one else can match. IDW is a critical component of the Bilic intelligence ecosystem since it allows for extensive high-level profiling, transaction segmentation, data scraping, and address tagging.

Architecture Overview



Anti-Mixer Address Linkability ML Model

Tornado Cash is a protocol ensuring that users can break a link in on-chain activity for the purpose of improving transaction privacy between the recipient and destination address.

Acting as a complex token mixer, Tornado Cash utilizes smart contracts that accept deposits made in ETH that are then withdrawn to other addresses.

This hides the flow of funds and makes it harder to track the funds, turning the protocol a good option to be explored for money laundering purposes.

