



SINGAPORE · HONG KONG · USA · JAPAN · KOREA · UAE

SECURING WEB3.0 ECOSYSTEM

Blockchain Security Audit | KYT AML RegTech Solution

WWW.BEOSIN.COM

BEOSIN OVERVIEW

Build a more transparent blockchain financial ecosystem



TOP TIER TEAM

- 200+ experienced security experts and AML consultants
- Self-developed blockchain formal verification technology



WEB3 AML EXPERT

- Senior virtual asset AML research team
- AI & LLM intelligently identify money laundering patterns
- Help identify billions of dollars in money laundering



COMPREHENSIVE SOLUTIONS

- Smart contract audits
- KYT&KYA - virtual asset AML compliance and risk monitoring platform
- Trace - virtual asset crime intelligent tracing and analysis system



PARTNERSHIP

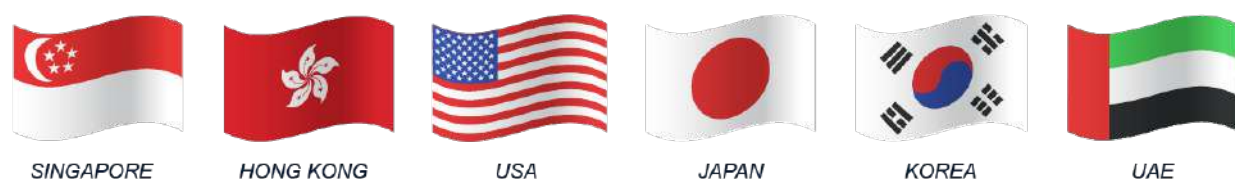
- 30+ global law enforcement and government regulators
- Partnerships with more than 40 blockchains
- eKYC Partner + KYE Supplier + Travel Rules Provider



Excellence and Innovation

- More than 4.7 billion address labels
- Focus on Southeast Asian criminal entities, 220 million labels
- Support 120+ cross-chain bridges penetration
- Provided professional solutions for 200+ virtual asset service providers
- Audited 4500+ smart contracts and blockchains
- Secured \$5000+ billion in crypto assets
- Obtained ISO27001 & SOC2 certifications

Offices in 10+ Cities



4500+ Customers



Prestigious Investors



COMPETITIVE ADVANTAGES

Security



20 years of network security experience



exploit **85000+** vulnerabilities



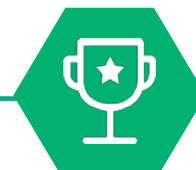
Audit **4500+** smart contracts



10+ blockchains' security audit partner



One of the first security companies to engage in Blockchain **Formal Verification**



70+ technical patents and software copyrights



Certification of **SOC 2, ISO 27001**

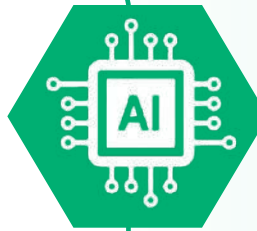
Compliance



4.7 billion+ address labels and **57** blockchains txn data



30+ partnered law enforcement and financial regulators



Adopt **AI & LLM** to achieve intelligent risk control



Support **120+** cross-chain protocols and tracing mixers

ONE-STOP WEB3.0 SECURITY AND COMPLIANCE TECHNOLOGY SOLUTIONS



Industry
Scenario

Web3 companies, compliant exchanges, custodians, stablecoin/RWA issuers, law enforcement, regulators, etc.

Capability
Full-stack
coverage

Code Security Audits

Formal Verification + Machine Learning + Security Vulnerability Database

- Based on automatic formal verification technology, penetration testing and other technologies conduct security audits on smart contract code, public chains, wallets, etc., to ensure the security of stablecoins, RWA, DeFi and other codes

Virtual Asset Circulation Monitoring

- Monitor the circulation status of virtual assets in real time. Taking stablecoins as an example, it supports monitoring the distribution, flow, real-time transactions, etc. of stablecoin holders to prevent risks in the circulation of stablecoins.

Compliance Assessment KYT&KYA

4.7 billion address labels + LLM + massive intelligence data

- Conduct real-time compliance risk assessment of deposits, withdrawals, and wallet addresses of virtual assets (including stablecoins, RWA, etc.), and real-time alert high-risk transactions such as money laundering, terrorist funds, etc.

Crime Prevention and Governance

- Real-time monitoring of stablecoins/RWA scams and other threat intelligence to prevent stablecoin crimes in advance.
- Use AI and LLM to analyze and trace complicated fund flows that are obscured by coin mixers and cross-chain bridges.

Foundation
Product +
Service

Core Products

Stablecoin Monitor **KYT&KYA** Virtual asset AML **Alert** Security Alert
VaaS Smart contract formal verification platform
Trace Intelligent investigation platform for virtual asset cases

Core Services

Smart contract security audit
Blockchain security audit
Virtual asset tracing and investigation forensic services
Wallet security service
Stablecoin/RWA system security assessment
Emergency Response

Beosin KYT, KYA, and Trace have obtained SOC 2 and ISO 27001 certifications to ensure the security of customer data and ensure the high security and trustworthiness of their products.

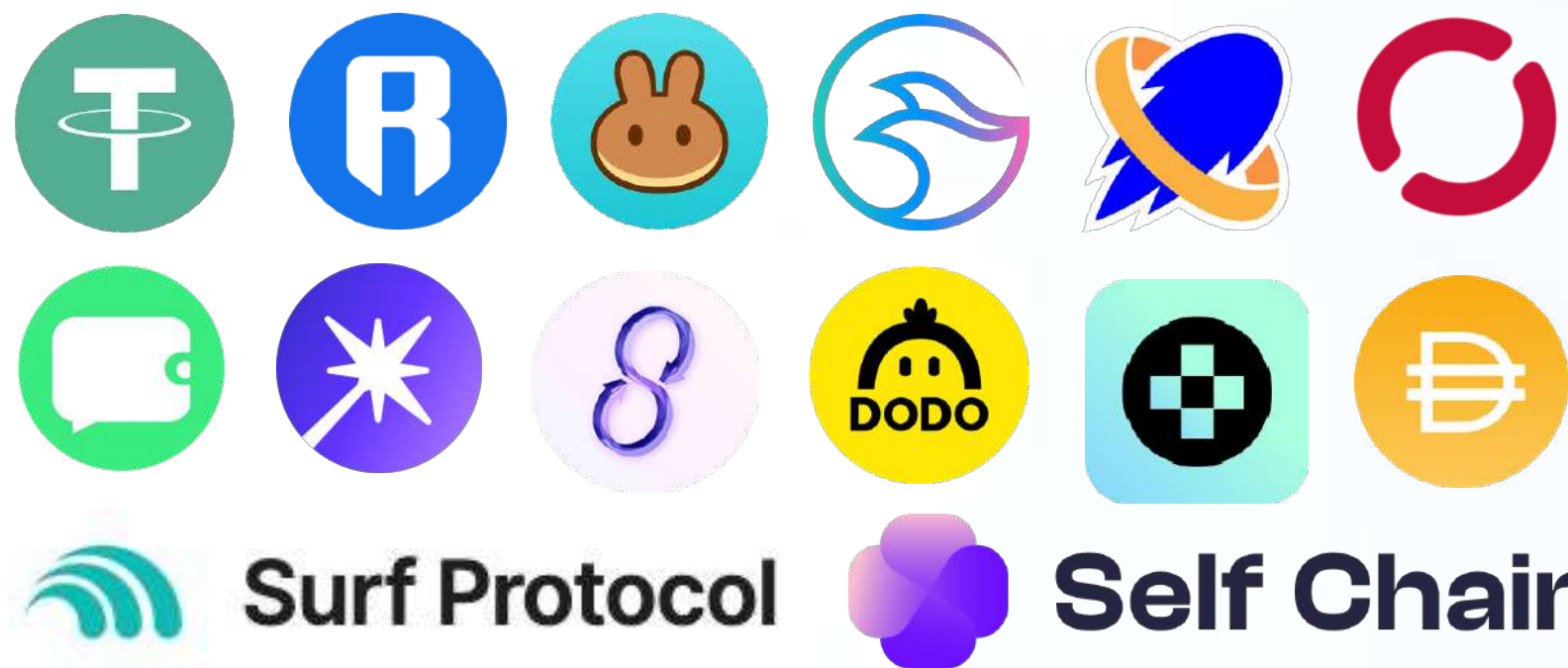
BEOSIN CODE SECURITY AUDIT

Smart contract and
blockchain security audits

Audit methodology

- Automatic formal verification (accuracy rate 97+%)
- Static analysis
- Dynamic testing
- Fuzz testing
- Expert review

Audit Cases



The audit projects cover categories such as stablecoins, blockchains, DeFi, cross-chain bridges, RWA, and games.

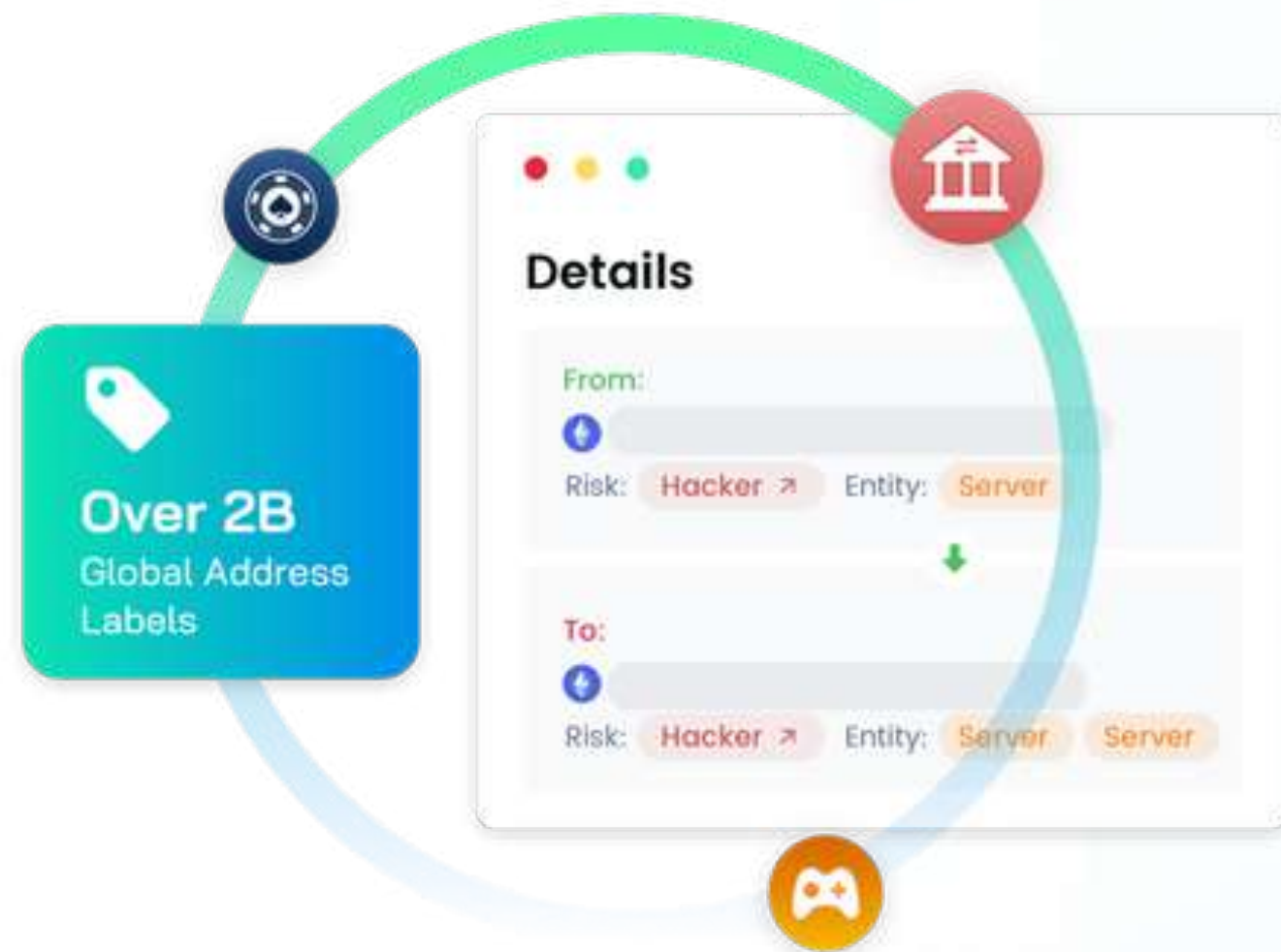
Audit Category	Audit Items	
Code Conventions	Compiler version security	Deprecated items
	Redundant code	require/assert use
	Gas optimization	
Common Vulnerabilities	Integer overflow	Reentrancy attack
	Random number generation	Txn order dependancy
	DoS attack	Function call permission
	call/delegatecall security	Return value detection
	tx.origin use	Replay attack
	Variable override	Interface consistency
Business Logic Vulnerabilities	Business logic design	Business logic implementation
	Price manipulation	Centralization detection
	Asset tradability	Arbitrage attack

The audit covers 23 sub-items in
three categories

BEOSIN KYT&KYA - AML & CFT COMPLIANCE SOLUTIONS



Beosin KYT and KYA provide professional anti-money laundering/counter-terrorist financing (AML/CFT) regulatory technology solutions, enabling virtual asset service providers, stablecoin issuers, regulators, etc. to understand the risks of each on-chain transaction and address, generate corresponding reports, and meet the AML/CFT compliance requirements for virtual assets in various regions.



Massive global address labels

It has accumulated more than 4.7 billion global address labels



Quick updates on labels and chains

Address labels and new chains can be updated quickly



Support cross-chain analysis

Supports analyzing 120+ cross-chain protocols, with a 100% accuracy of cross-chain capital flow mapping

BEOSIN KYT&KYA - AML & CFT COMPLIANCE SOLUTIONS



► Support up to 57 blockchain transaction data

Beosin chain support team is responsible for maintaining internal nodes to ensure stability and security. It supports transaction data from 57 blockchains, including Bitcoin, Ethereum, Tron, Solana, and TON.

► AI analysis on coin mixers

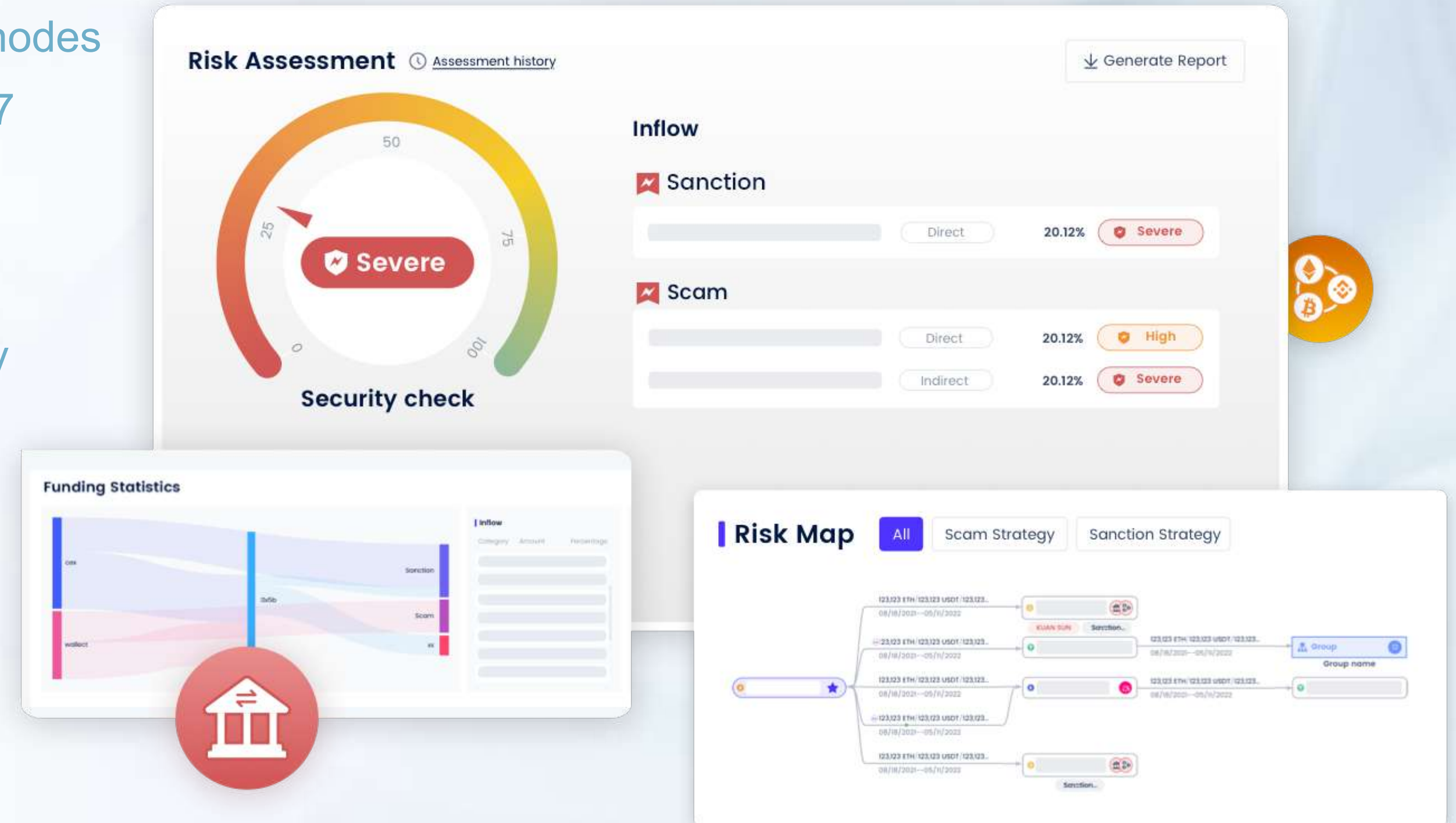
AI-based big data models are used to detect, analyze, and identify risks associated with coin mixers.

► Suspicious wallets monitored in real-time

It provides 24/7 real-time monitoring of transactions and balances at suspicious addresses, and can alert users in real time through multiple channels in case of abnormal fund flows.

► One-click risk assessment report

The built-in risk assessment report template contains all the information needed for subsequent assessments and reports.



Beosin KYT is trusted by

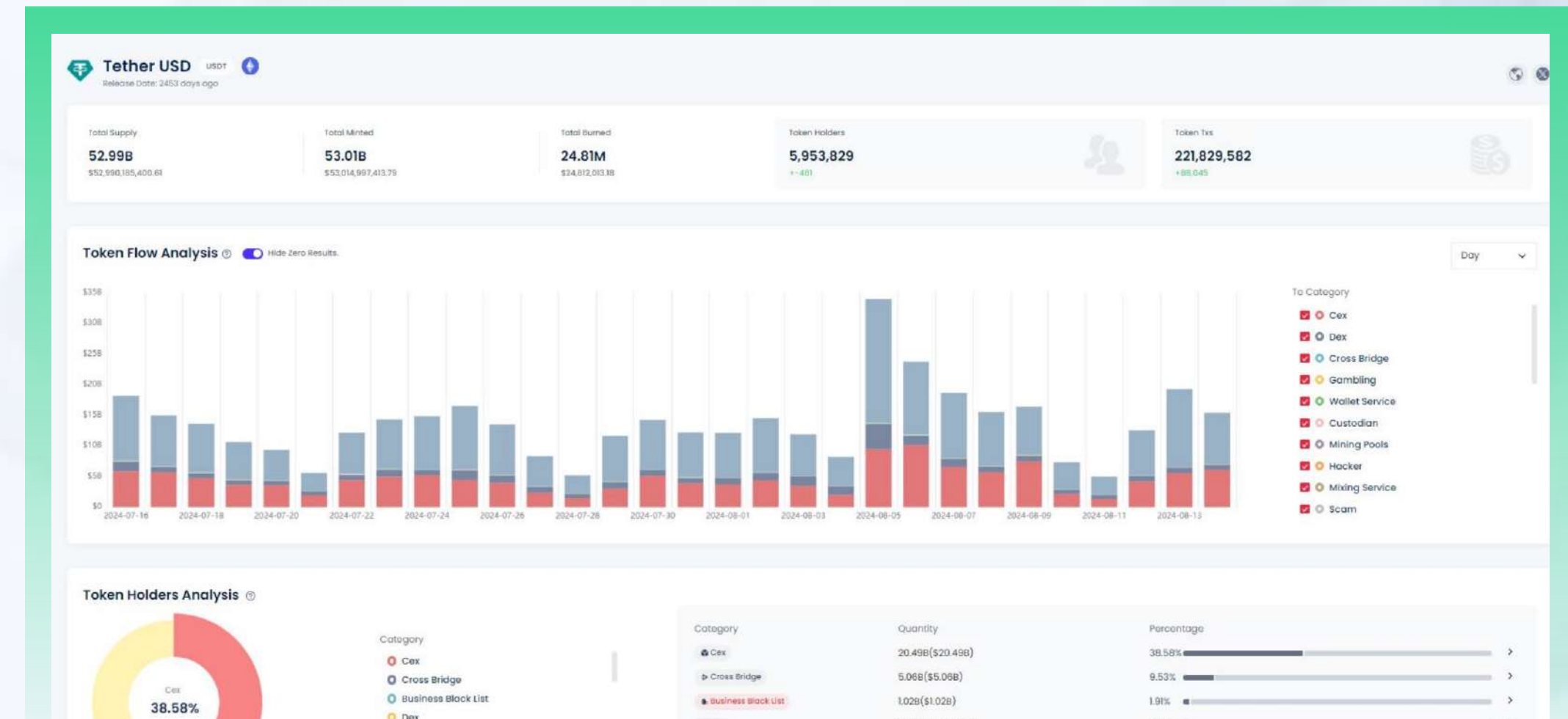


BEOSIN STABLECOIN MONITOR

Beosin provides virtual asset circulation monitoring services and has developed a **Stablecoin Monitor** system specifically for stablecoins. The system can provide in-depth insights into **the distribution of stablecoin holders, stablecoin flows, real-time transaction monitoring**, etc., helping Hong Kong licensed stablecoin issuers and regulators closely and fully monitor the circulation of stablecoins.

Core Functions

1. Gain a comprehensive understanding of the current security status of stablecoins - **contract operation status**
2. Prevent high-risk activities on-chain/off-chain - **risk screening for fund destinations**
3. Monitor sensitive operations like issuance, destruction, freezing, etc. in real-time - **function execution**
4. Monitor abnormal price fluctuations of stablecoins in real-time - **price anchoring**
5. Identify custodial/non-custodial wallet addresses allows issuers to adopt different strategies for potentially risky addresses - especially **peer-to-peer transactions for non-custodial wallets**



The screenshot displays the 'Token Alert' section of the Beosin Stablecoin Monitor interface. It includes a search bar for 'Tx Type', 'Counterparty Type', 'Start time', and 'End time'. Below the search bar is a table of transaction alerts. The table has columns for Token, Tx Type, Counterparty Type, Amount, From, To, Tx Hash, and Time. The data shows several transactions involving USDt, primarily categorized as 'Transfer' to 'Gambling' counterparties, with amounts ranging from \$500 to \$6,300,000.01254.

Token	Tx Type	Counterparty Type	Amount	From	To	Tx Hash	Time
USDt	Transfer	Gambling	1,000,000 (\$999,891.5...		Stake.Com		
USDt	Transfer	Gambling	6,103,420.553209 (\$6...		Roobet		
USDt	Transfer	Gambling	2,999,997.5 (\$2,999,6...		Stake.Com		
USDt	Transfer	Gambling	4,999,997.5 (\$4,999,...		Stake.Com		
USDt	Transfer	Gambling	2,000,050 (\$1,999,83...		Roobet		
USDt	Transfer	Gambling	6,000,000 (\$5,999,34...		Roobet		
USDt	Transfer	Gambling	1,000,629 (\$1,000,520...		Stake.Com		
USDt	Transfer	Gambling	2,499,997.5 (\$2,499,7...		Stake.Com		
USDt	Transfer	Gambling	6,300,000.01254 (\$6...		Roobet		
USDt	Transfer	Gambling	500 (\$499.94)		Shuffle		
USDt	Transfer	Gambling	6,587 (\$6,586.28)		Rollbit		

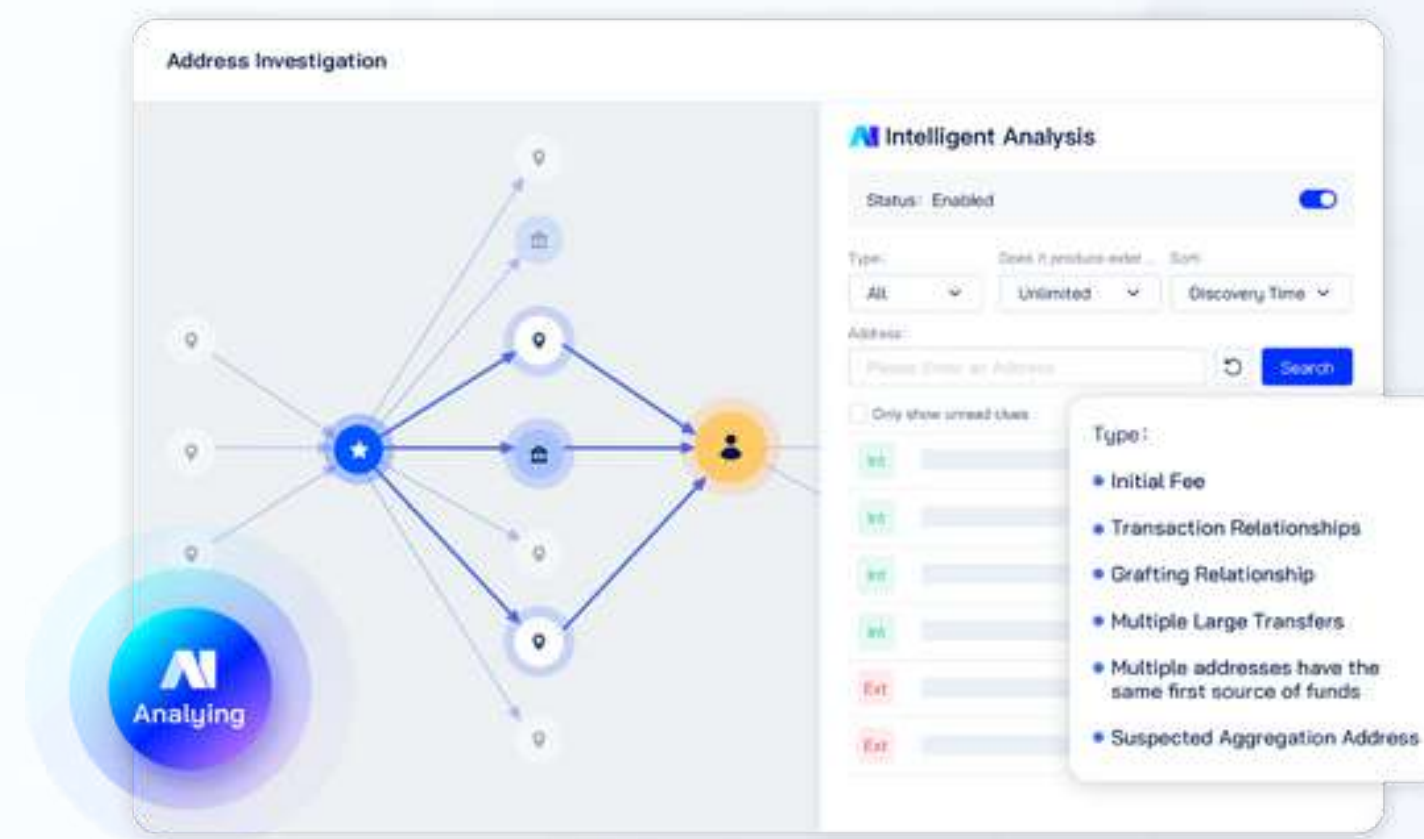
BEOSIN TRACE - VIRTUAL ASSET INVESTIGATION AND TRACING TOOL

Beosin Trace provides an intuitive and concise topology view analysis tool that supports in-depth risk investigation of addresses or transactions



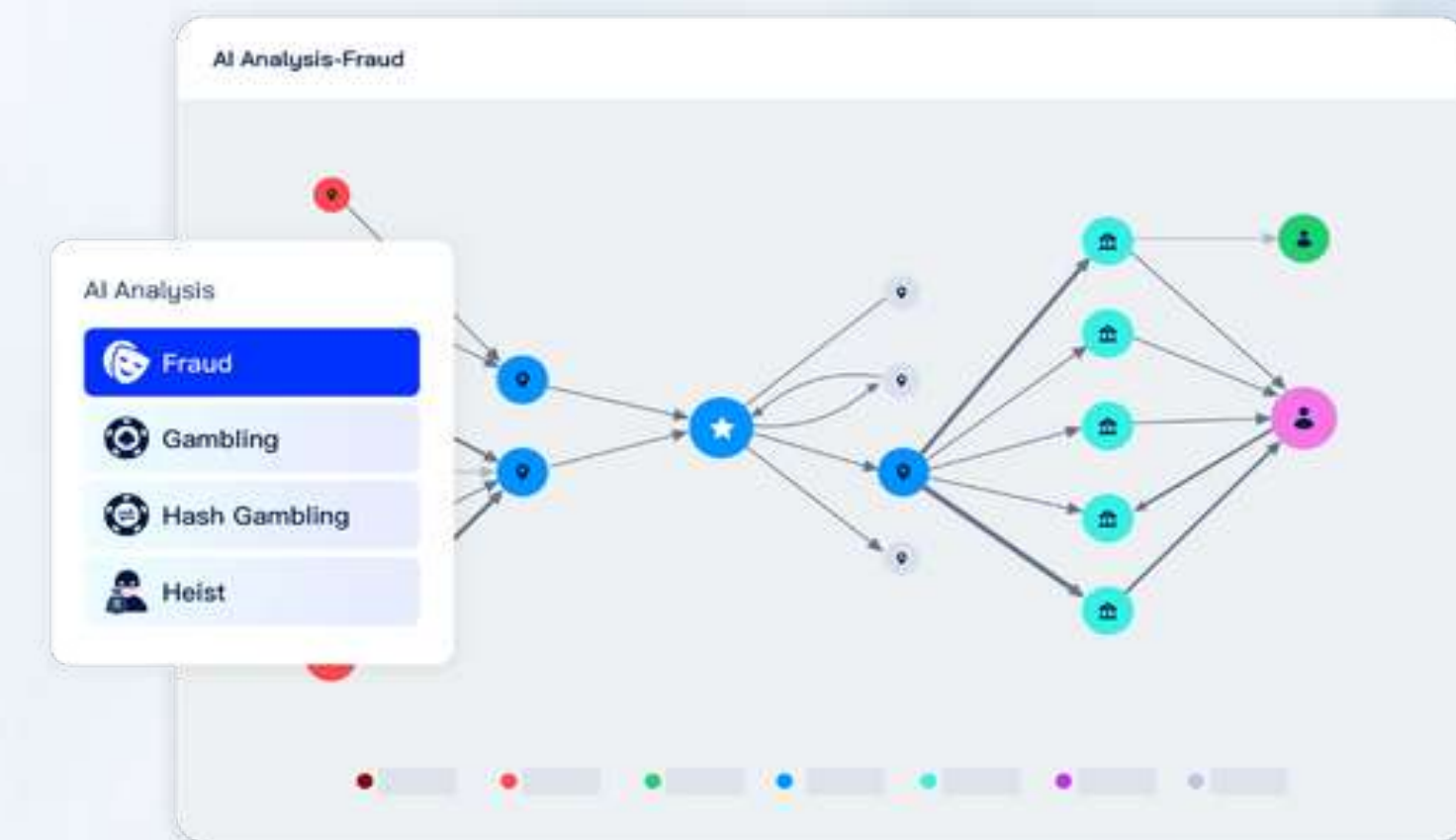
Support multi-chain and multi-currency tracing

It supports tracking and visualizing transaction data and capital flows on multiple chains such as BTC / BSC / ETH / TRON / Solana



AI intelligent analysis

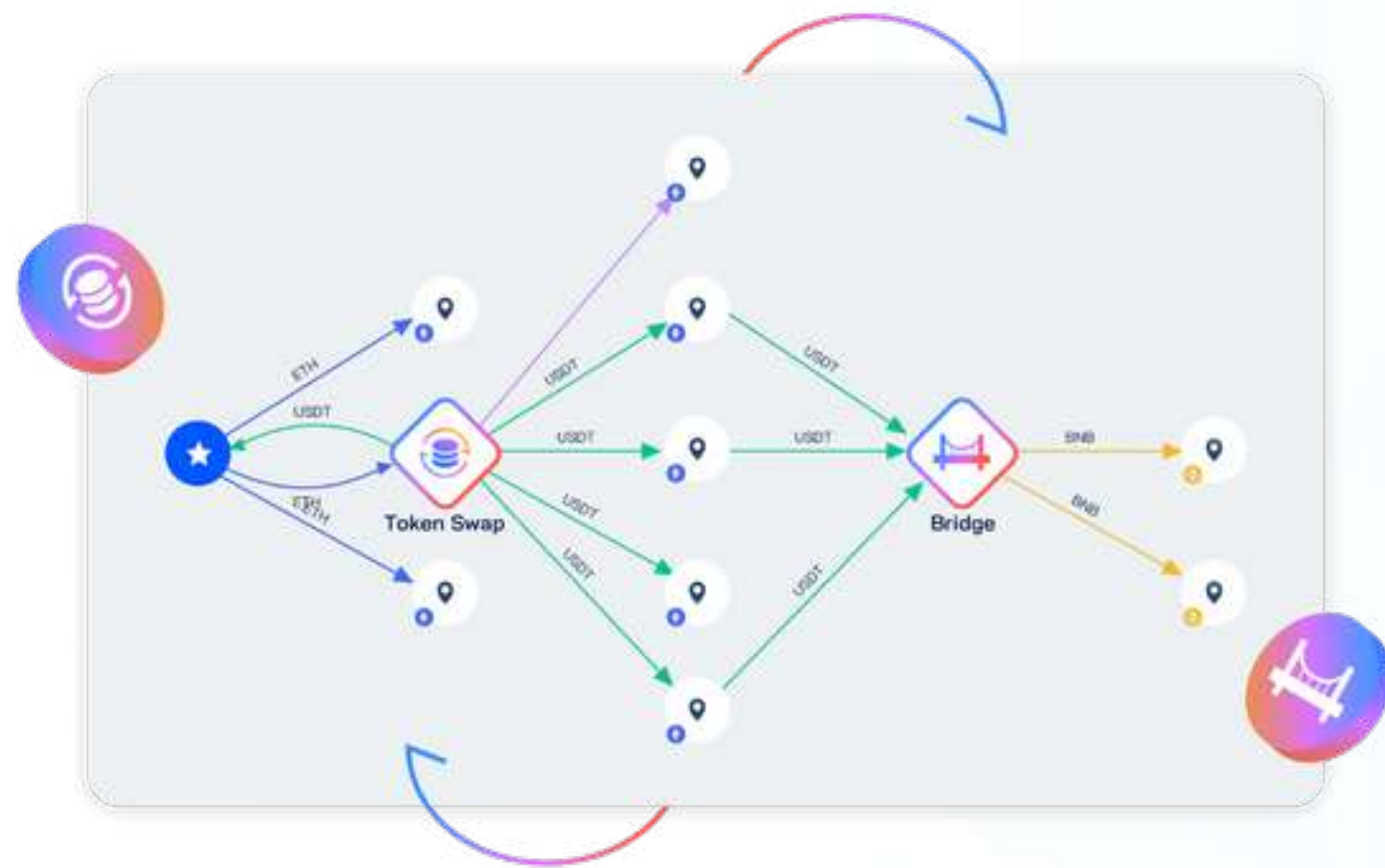
It supports one-click AI analysis, intelligently analyzes blockchain addresses, automatically identifies address properties and transaction characteristics.



Multiple models of illegal and suspicious activity

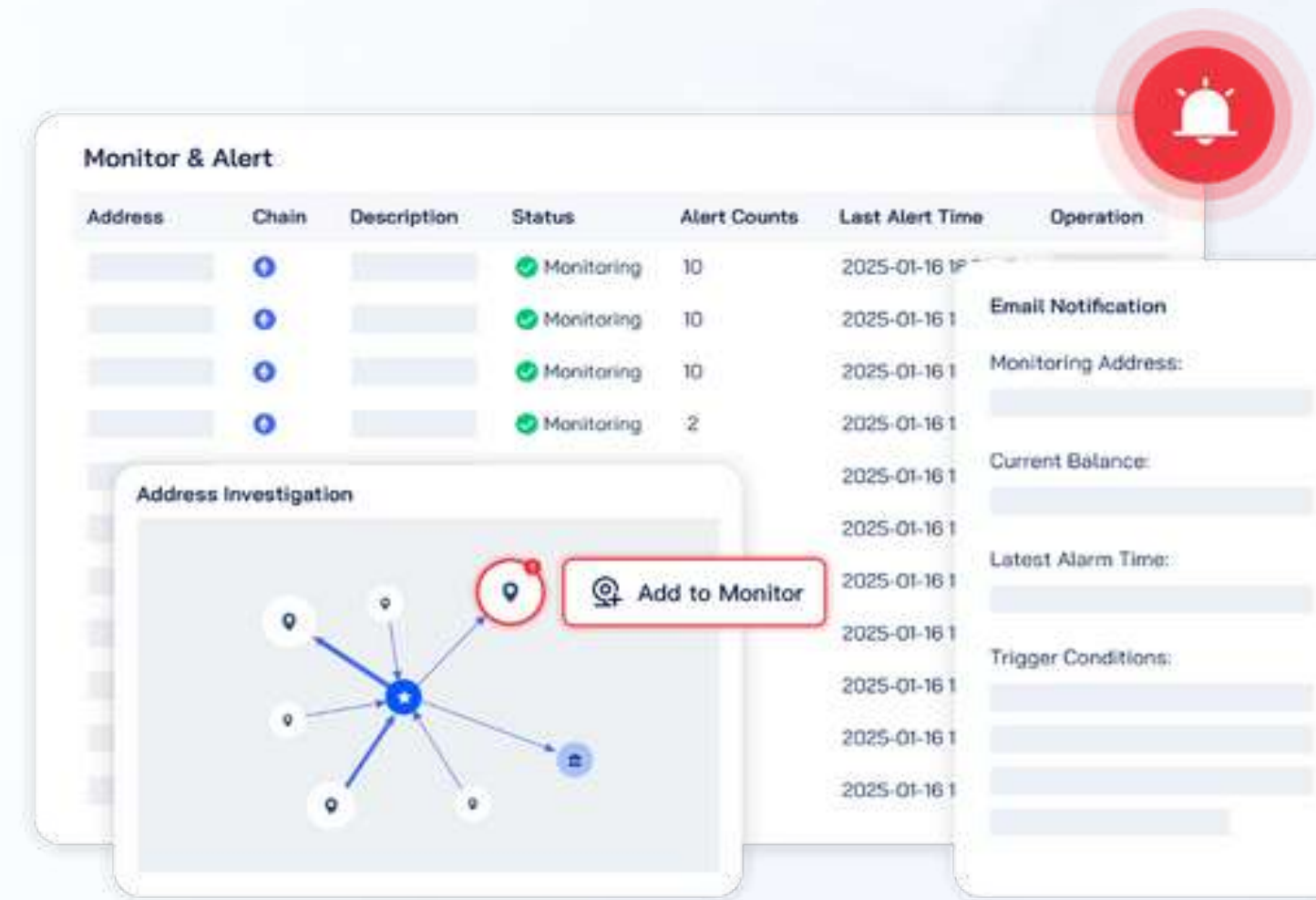
Features have been extracted for the flow of funds from a variety of illegal activities and build an analysis model that can automatically draw a framework for the flow of funds

BEOSIN TRACE - VIRTUAL ASSET INVESTIGATION AND TRACING TOOL



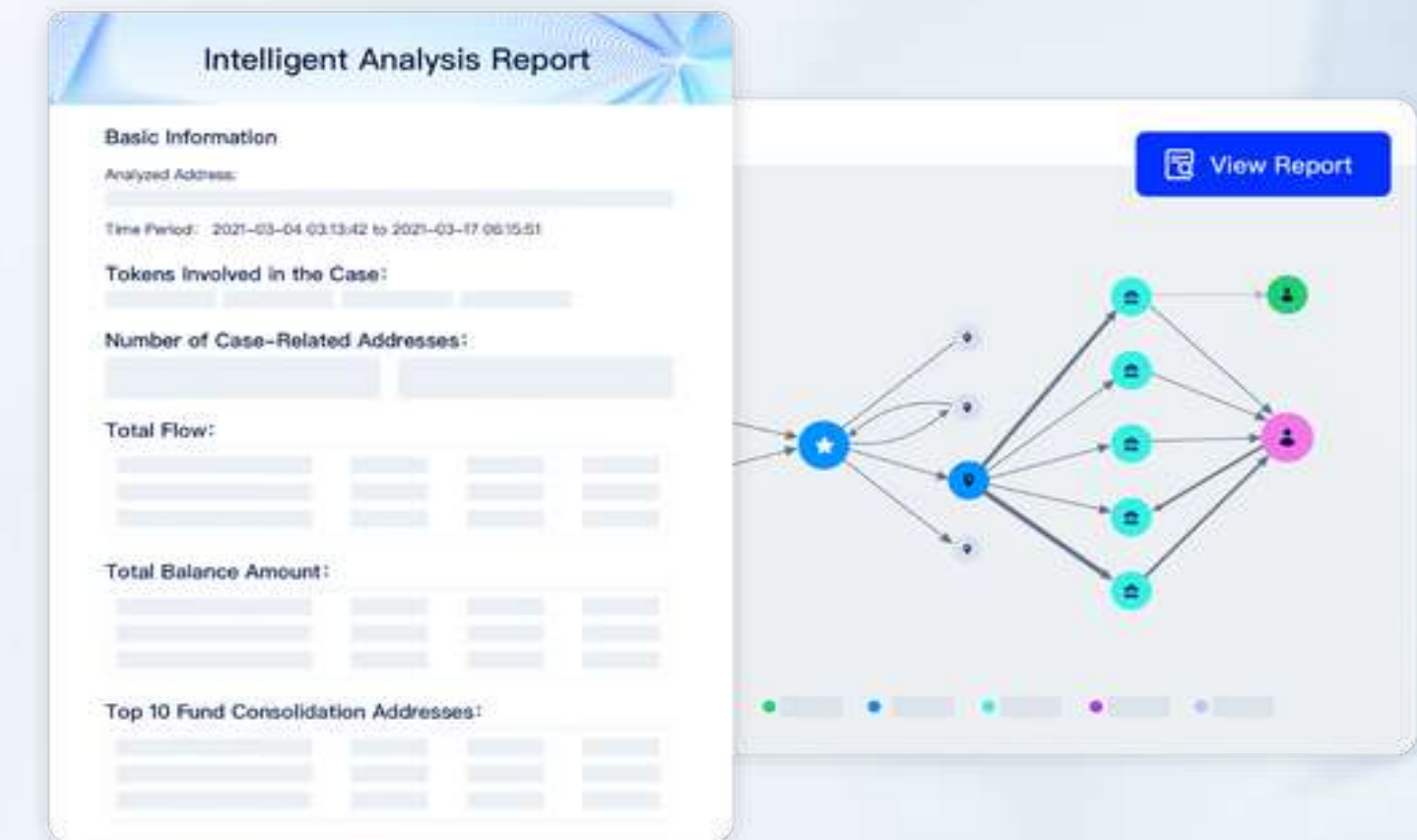
Support the visualization of cross chain and swap flow

Beosin Trace supports the analysis of more than 120+ cross-chain and swap protocols.



Monitor suspicious addresses in real-time

Monitor transactions and balances 24/7 with suspicious or critical addresses and alerts are issued in real-time across multiple channels.



Generate forensic reports with one click

Trace's built-in templates allow users to quickly generate comprehensive forensic reports for law enforcement or legal purposes.

Beosin Trace is trusted by:

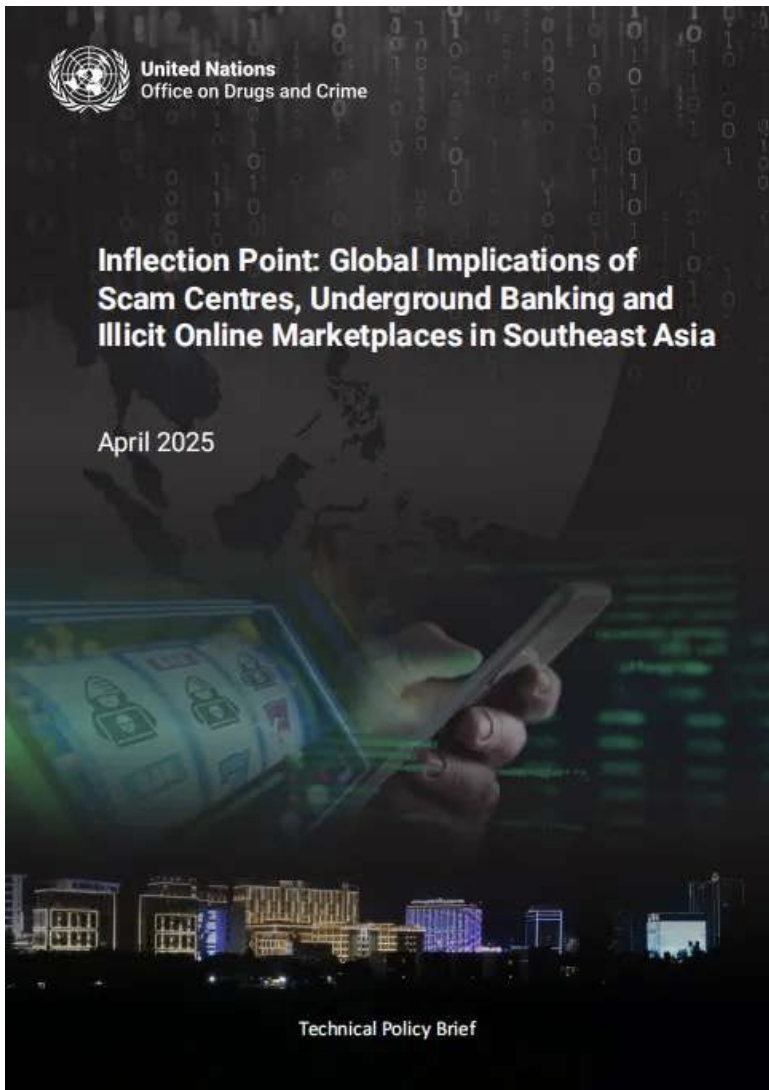


BEOSIN ACADEMY – COLLABORATION WITH INTERNATIONAL ORGANIZATIIONS



The United Nations Office on Drugs and Crime (UNODC) released a research report titled "Inflection Point: The Global Impact of Fraud Centers, Underground Banks, and Illegal Online Markets in Southeast Asia," citing the research results of Beosin's "Southeast Asia On-Chain Capital Flow and Risk Analysis Report".

UNODC expresses its appreciation to organizations providing information, data and analytical support to this study including **Beosin**, Chainalysis, ChongLuaDao (Viet Nam), Crystal Blockchain, CyberArmor, Elliptic, Group-IB, Infoblox Threat Intel, Kroll, and TRM Labs.



UNODC Report



Beosin Report

The UNODC report citing is the highest recognition of Beosin's technical neutrality and professionalism. This adoption marks that Beosin's on-chain address tracing system and regional compliance database have been professionally recognized at the international level.



INTERPOL

In July 2025, Beosin appeared as a key sponsor at the 10th Interpol Digital Forensic Expert Group Meeting (DFEG) and the 2nd International Digital Forensic Challenge (IDFC) organized by Interpol and the International Digital Forensic Challenge Organizing Committee.



in-depth cooperation with Association of Certified Anti-Money Laundering Specialists (ACAMS) and co-authored a research report on Cross-border Money Laundering Models and Supervision of Virtual Currencies in Mainland China and Southeast Asia".

BEOSIN ACADEMY – PARTNER WITH MULTIPLE REGIONAL FINANCIAL REGULATORS

For Regulators



Monetary Authority
of Singapore



金融庁
Financial Services Agency



SECURITIES AND
FUTURES COMMISSION
證券及期貨事務監察委員會



SINGAPORE
POLICE FORCE

CyberSecurity
MALAYSIA



MAS Web3 Regulatory Training



SFC Web3 Regulatory Training



CSTCB Virtual Asset Investigation Course



HKPF Cryptocurrency and Crime
Investigation Training

For the General Public



香港大學
THE UNIVERSITY OF HONG KONG



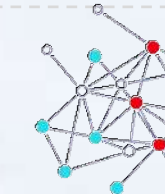
香港科技大學
THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY



NANYANG
TECHNOLOGICAL
UNIVERSITY
SINGAPORE



NUS
National University
of Singapore



SUSSNiFT
Node for
Inclusive Fintech



香港浸會大學
HONG KONG BAPTIST UNIVERSITY



HKUST Virtual Asset Course



0xU x HKU Web3 course



Blockchain Security Course at SUSS



Blockchain Security Lecture at HKBU

BEOSIN ACADEMY – COLLABORATIVE EXCHANGES WITH REGULATORS AND INDUSTRY LEADERS

Regulatory Advisory





About Proposed Regulatory Requirements for Virtual Asset Trading Platform Operators Licensed by the Securities and Futures Commission

Beosin suggestion for the above proposed regulatory requirements

Beosin Introduction

Beosin is a Web3 security and compliance company headquartered in Singapore with a regional office in Hong Kong. Its business leads the world and has a strong influence in the Asia-Pacific region. Beosin was founded by a group of cybersecurity experts in 2018. Currently, the team has more than 200 talents, including 40 security experts of our 180+ people security team even with Ph.D. qualifications.

The Core business of Beosin includes :

- Smart Contract Code Security Auditing Services
- Eagle Eye 24x7 On-Chain Data Analysis Platform
- Known Your Transaction(KYT) for Compliance Solutions
- Cryptocurrency Tracing Services

Since the establishment of Beosin 5 years ago, the company has audited more than 3,000 smart contracts, providing various security and compliance services for Web3 startups, top-tier cryptocurrency exchanges, VCs, cryptocurrency custodians, local regulatory agencies, and law enforcement. It also includes providing support of audit services to cryptocurrency exchanges for fulfilling the Japan Financial Services Agency's regulatory requirements for listing currency projects starting in 2019.

To sum up, based on the Beosin front-line safety audit and compliance business experience in the past 5 years, plus years of research and discussion on safety and compliance with educational institutions, regulators, law enforcement, and industry leaders in various regions. As a result, Beosin believes that it can provide forward-looking and constructive suggestions for Hong Kong's proposed regulatory requirements applicable to operators of virtual asset trading platforms licensed by the Securities and Futures Commission, and hereby provide suggestions on some issues as follows:

www.beosin.com

Beosin provides forward-looking and constructive policy advice on Hong Kong's proposed regulatory requirements for virtual asset service providers (VASPs) in 2023. In 2025, Beosin was invited to attend the Anti-Money Laundering and Web3 Development Conference held by the Hong Kong Legislative Council. In 2025, Beosin became one of the four founding members of the Digital Asset Anti-Money Laundering Council (DAAMC) under HKVAIA's support.



BEOSIN DEVELOPMENT MILESTONES

2018

Funding:

- Secured seed funding from **Fenbushi Capital**
- Received investments from **Milestone Investment** and **Vangoo Capital** Angel Round

Product Release:

- March: Officially established
- Launched **VaaS**, an automated smart contract formal verification platform

2020

Funding:

- Secured a new round of funding from **Fosun International** and **Lenovo Capital**

Product Release:

- Launched **Trace** (Virtual Asset Tracing Tool)
- Launched **Beosin Alert**
- Launched **Beosin KYT** (Virtual Asset Anti-Money Laundering Compliance and Analysis Platform)

2022

Funding:

- Secured a **\$20 million** investment from **Ant Group**

Milestone:

- Included in **Cyberport HK Incubation Programme**
- **Hong Kong Licensed Virtual Asset Association (HKLVAA) Member**
- **Blockchain Security Alliance Council Member**

Product Release:

- Introduced an **All-in-One blockchain security platform**,

2023

Awards:

- Received **the highest award** at the Artificial Intelligence and Blockchain Asia Summit (**AIBC Asia**)
- Certification of **HKPF CSTCB**

Product Update:

- Upgraded and iterated on **Beosin Trace** and **Beosin KYT** to comply with more stringent regulations
- **ISO 27001 and SOC 2 Certification**

2025

Milestone :

- **Founding member** of the Hong Kong Digital Asset Anti-Money Laundering Professional Committee (DAAMC).
- Member of the Fintech Association of Hong Kong (FTAHK).

Product Updates :

- Launched a one-stop solution for Hong Kong stablecoin security and compliance

GLOBAL PARTNERS & CLIENTS



VASP



Educational institutions



Partners



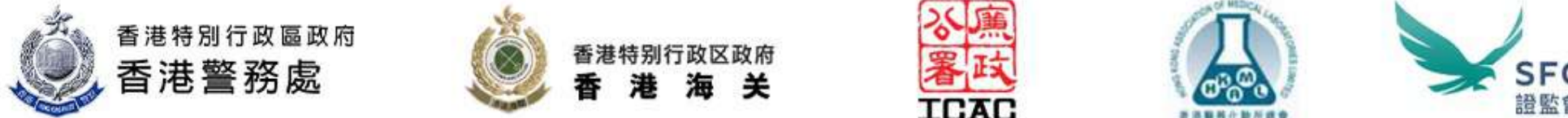
Blockchain Ecosystem



Renowned Audit Projects



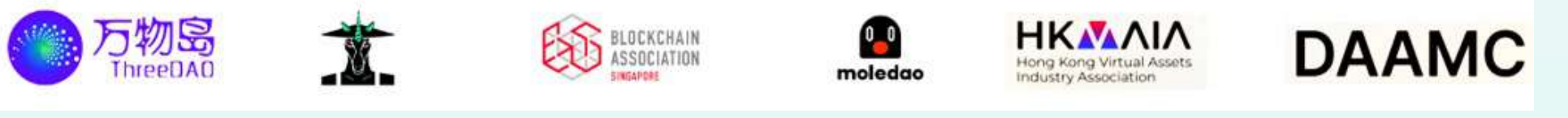
Government Departments



Financial institutions



Blockchain Communities



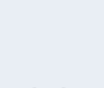
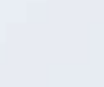
Blockchain Technology Service Provider



Part of Beosin partners and clients (in no particular order)

CONTACT US

Driving Web3 Innovation Through Security and Compliance

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