VeriNumus®

Reserves Attestation Services

For Stablecoin issuers,
Real World Assets (RWA) and
Asset-backed Token issuers.

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For more information, contact us at info@verinumus.hk

VeriNumus®

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Ensuring Trust and Confidence through verification

VeriNumus is a pioneering attestation reporting solution that seamlessly integrates with banks, blockchains and other account systems to deliver certified attestations with unprecedented frequency, accuracy and speed.

Full transparency and independent third-party verification are essential to assure stakeholders that Stablecoin issuers, Real World Assets (RWA) and Asset-backed Token issuers' reserves continuously back all circulating tokens.

Traditionally, attestations followed a 30-day reporting schedules. Our innovative technology revolutionises this paradigm by compressing verifications into real-time snapshots, generating attestation reports every 30 seconds.

We raise assurance standards to an unrivaled level of up-to-the-moment transparency and reliability. Stakeholders can now access certified reports confirming reserves validity and balances with each passing moment.

With full interoperability across any institution's backend, workstreams are streamlined while verification frequencies far exceed market expectations. Partners and customers alike gain real-time confidence through this optimal, always-current lens into financial records.

Below are the key services of VeriNumus:

Real-Time Reserves Attestation

On-Chain Reserves Data Services

Customised Attestation Solution

Our Services

Real-Time Reserves Attestation

Utilising our exclusive technology platform, we deliver real-time reserves attestation that complies with international accounting standards.

Verinumus revolutionises assurance by seamlessly integrating with blockchains and financial institutions through APIs, delivering real-time, up-to-date information to constituents. We could increase the reporting frequency from traditional monthly cycles to 30 seconds. It provides continuous or periodic attestation on reserves backing of stablecoin and tokenised asset projects to validate sufficiency and integrity.

Real-Time Reserves Attestation Outputs

1. Embeddable Real-Time Reporting Widget

Verinumus provides an embeddable widget that integrates with your public website, showcasing pertinent information about supported crypto instruments. Notably, the widget includes a Download Report Button that empowers users to obtain a "fresh" attestation report at intervals as frequent as every 30 seconds.
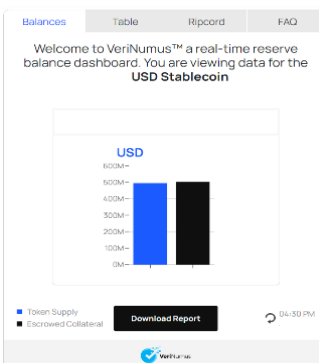
2. Real-Time Attestation Reports

On the Embeddable Real-Time Reporting Widget, users can download the attestation report prepared by Verinumus. This attestation report is issued by the standards established by the International Auditing and Assurance Standards Board (IAASB) and employs the Examination attestation methodology to ensure its compliance and transparency.

Sample of Attestation Reports

Real-Time Reserves Attestation

3. Administrative Control Panel

VeriNumus is the industry's most robust real-time data aggregation application for digital assets. Our clients' administrators gain access to the Control Panel, which offers downloadable insights into system health, comprehensive information gathered during each attestation interval, detailed breakdowns by sources such as blockchains or custodians, system logs, and a range of additional features.

VeriNumus Control Panel

Compatibility of API integration

Blockchains	Banks	Custodians & Exchanges
• Bitcoin • Ethereum • Litecoin • XRP • Polkadot • Cardano • Algorand • Solana, and more	• First Digital Trust • Flowbank • Capital Union Bank • Customers Bank • Fortress Trust • Deltec • J.P.Morgan Chase • Cross River Bank, and more	• Coinbase • Binance.com • Kraken • Bitgo • Komainu • OKEX • Huobi • Bitfinex, Bitstamp, Deribit • LMAX, B2C2, OSL, Pit, and more

Our expert engineering team can tailor API solutions to meet the specific integration needs of any blockchain, bank, or financial platforms.

Real-Time Reserves Attestation

On-Chain Reserves Data Services

A data aggregation service that consolidates information on on-chain liabilities and off-chain assets.

VeriNumus API endpoint aggregates off-chain reserve balance data from multiple on-chain and off-chain sources, presenting compiled results via Rest API for ingestion by oracles and web apps. The non-attestation offering streamlines oversight of multi-chain and multi-custodial digital assets.

1. API Endpoint Services

VeriNumus leverages its verification technology to capture reserve asset and liability balances in real-time, aggregating this data into a highly available API. The oracle network then queries VeriNumus' API to retrieve real-time reserve information, relaying it on-chain for any interested users to view in real-time via the oracle network.

VeriNumus capture reserve asset and liability balances in real-time.

The real-time reserve data is aggregated into a highly available API interface.

Oracle network queries VeriNumus' API to retrieve live reserve information.

Oracle network then relays reserve updates on-chain, allowing all interested users transparent viewing of reserves in real-time.

On-Chain Reserves Data Services

Below is an example of reserves data updates on-chain via Chainlink with use of VeriNumus API:
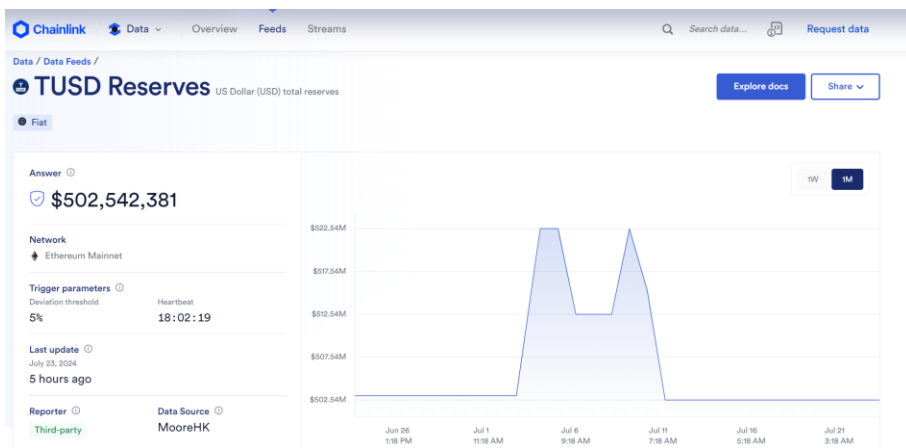
On-Chain Reserves Data (Example of Oracle Network provided by Chainlink)

2. Administrative Control Panel

Our clients' administrators gain access to the Control Panel, which offers downloadable insights into system health, comprehensive information gathered during each attestation interval, detailed breakdowns by sources such as blockchains or custodians, system logs, and a range of additional features.

Compatibility of API integration

Blockchains	Banks	Custodians & Exchanges
• **Bitcoin** • **Ethereum** • **Litecoin** • **XRP** • **Polkadot** • **Cardano** • **Algorand** • **Solana, and more**	• **First Digital Trust** • **Flowbank** • **Capital Union Bank** • **Customers Bank** • **Fortress Trust** • **Deltec** • **J.P.Morgan Chase** • **Cross River Bank, and more**	• **Coinbase** • **Binance.com** • **Kraken** • **Bitgo** • **Komainu** • **OKEX** • **Huobi** • **Bitfinex, Bitstamp, Deribit** • **LMAX, B2C2, OSL, Pit, and more**

Our expert engineering team can tailor API solutions to meet the specific integration needs of any blockchain, bank, or financial platform.
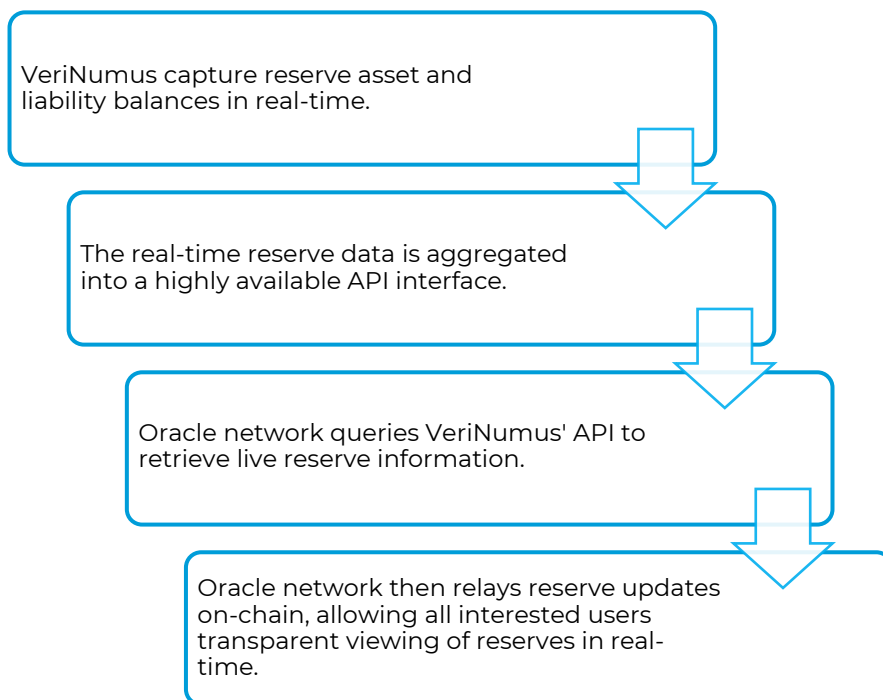
On-Chain Reserves Data Services

Customised Attestation Solution

Our attestation reporting services can be customised precisely for your organisation's specific requirements.

Agreed-Upon Procedures Reporting

Industry standards now prioritise transparency in reserve assets for asset-backed tokens. We offer reserves attestations that are conducted periodically, following established standards, customisable to client requirements, and trusted by numerous end users.

The attestation reports are issued in accordance with the International Standard on Related Services (ISRS) 4400 issued by the International Auditing and Assurance Standards Board (IAASB) and employs Agreed-Upon Procedures methodology to ensure its compliance and transparency.

System and Organisation Controls (SOC) Reporting

When considering using a crypto related service, a common concern is the security of personal information. This leads to questions about how such security is ensured. The SOC 2 certification has become the industry standard in addressing these concerns and providing assurance of data security in the cryptocurrency sector.

Through a SOC 2 report, the controls implemented by the crypto firm in safeguarding security, availability, processing integrity, confidentiality, and privacy can be showcased to the report recipient via this third-party assurance report.

We also provide other tailored attestation reporting solutions, such as SOC for cybersecurity report on an service organisation's enterprise-wide cybersecurity risk management program, SOC 1 report on service organisation's internal controls over a company's financial reporting, and SOC 3 report on service organisation's internal controls for general uses and public visibility.

Customised Attestation Solution

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