



Reserves Attestation Services

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

Powered by Moore Hong Kong



CONTENTS

Our Services..... 1

Real-Time Reserves Attestation 2

On-Chain Reserves Data Services 4

Customised Attestation Solution 6

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



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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

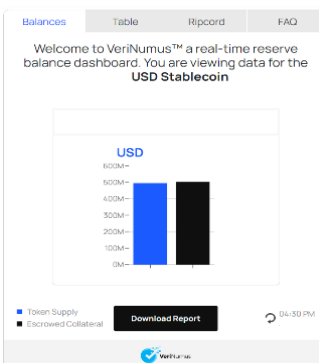
Utilising our exclusive technology platform, we deliver real-time reserves attestation that complies with international accounting standards.

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.



Real-Time Reserves Attestation

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.



Independent Assurance Report on the Consolidated Reserves Report

To the Board of Directors of

We have been engaged by Tether Ltd ("Tether" or the "Company") to perform an assurance engagement on the Consolidated Reserves Report of July 2024 at 04:30:30 PM HKT (the "Report") issued by the Company.

Management's Responsibility for the USD Holdings Report

Management is responsible for the preparation of the USD Holdings Report in accordance with the measurement and disclosure criteria prescribed in the accounting standards applicable to the Company. Management is also responsible for ensuring that the Report is prepared in accordance with the measurement and disclosure criteria prescribed in the accounting standards applicable to the Company.

Auditor's Independence and quality control

We have complied with the independence and quality control requirements of the International Code of Ethics for Professional Accountants (including International Standards on Independence), the International Standards on Auditing (ISAs), and the International Standards on Assurance Engagements (ISAGs) issued by the International Auditing and Assurance Standards Board (IAASB), and the applicable laws and regulations.

Auditor's responsibility

Our responsibility is to express an opinion on the Report in accordance with the measurement and disclosure criteria prescribed in the accounting standards applicable to the Company. Our opinion is based on the evidence obtained from our audit procedures. We have not audited the underlying assets or liabilities of the Company, and our opinion is not a guarantee of the accuracy of the Report.

Conclusion

In our conclusion, the USD Holdings Report as prepared by the management of the Company as of July 2024 at 04:30:30 PM HKT is an accurate representation of the measurement and disclosure criteria prescribed in the accounting standards applicable to the Company.

USD HOLDINGS REPORT	
July 2024 at 04:30:30 PM HKT	
USD tokens issued and in circulation as of July 2024 at 04:30:30 PM HKT	
Total	USD tokens issued and collateralised
USD Decentralised Collateral held in accounts	
Description	Cost as of 22 July 2024 at 04:30:30 PM HKT
Total Assets Held in Reserve Accounts	
USD	
NOTES	
1. The total issued and collateralised USD tokens on the Ethereum, Tron, and Bitcoin blockchains as of 22 July 2024 at 04:30:30 PM HKT, including amounts held in the non-circulating wallet, is equal to the total balance of the USD tokens issued and collateralised noted above. The supply of USD tokens can be converted to transaction-ready accounts including the deposits awaiting token minting and tokens which have been burned.	
2. The USD decentralised collateral held in accounts is held in the custody of a Hong Kong depository institution and is collateralised by the Hong Kong depository institution and is subject to the custody and control of the Hong Kong depository institution. The USD tokens are held in the custody of the Hong Kong depository institution and are subject to the custody and control of the Hong Kong depository institution. The USD tokens are held in the custody of the Hong Kong depository institution and are subject to the custody and control of the Hong Kong depository institution.	
3. The USD tokens are held in the custody of the Hong Kong depository institution and are subject to the custody and control of the Hong Kong depository institution. The USD tokens are held in the custody of the Hong Kong depository institution and are subject to the custody and control of the Hong Kong depository institution.	
4. There are no pending or scheduled payments in process by the agents and no pre-conditions which would allow the immediate termination of the agreements.	
5. The USD tokens are held in the custody of the Hong Kong depository institution and are subject to the custody and control of the Hong Kong depository institution. The USD tokens are held in the custody of the Hong Kong depository institution and are subject to the custody and control of the Hong Kong depository institution.	
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To the best of the knowledge and belief of the undersigned, the information contained in the Report as of 22 July 2024 at 04:30:30 PM HKT is accurate and complete.	
22 July 2024 at 04:30:30 PM HKT	

Sample of Attestation Reports

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.

The screenshot displays the VeriNumus Control Panel interface. At the top, there's a navigation bar with links: Dashboard, USD, Snapshots, Batches, Uploads, Attestations, Events, Documents, Signors, Settings, and a Logout button. The main header reads "Real-Time Reserves Control Panel".

Below the header, a status message states: "Status for the most recent (integration) Batch and the most recent Snapshot (could be unrelated to each other)."

The interface is divided into several sections:

- Liabilities & Assets:** Two green "PASS" buttons.
- Prices:** A table showing "Total USD Token" and "Total Collateral".
- Totals (USD):** A section with a "PASS" button.
- Balances:** A section with a "PASS" button.
- Documents & Supervision:** Two green "PASS" buttons and a blue "Stop" button.

Below these, there's a "Processing Options for Adhoc Runs" section with checkboxes for "Get a new batch (Liabilities & Assets)", "Update Widget & Report", "Create a Snapshot", and "Update Chainlink Endpoint". A "Run Attestation Processing" button is at the bottom right of this section.

The "Attestation Runs" section at the bottom provides a table of recent runs with columns for Batch Tag, Snapshot Tag, UTC, Liabilities, Assets, Options, Ripcords, Published, and Report.

VeriNumus Control Panel

Real-Time
Reserves
Attestation

Compatibility of API integration

Blockchains	Banks	Custodians & Exchanges
<ul style="list-style-type: none"> Bitcoin Ethereum Litecoin XRP Polkadot Cardano Algorand Solana, and more 	<ul style="list-style-type: none"> First Digital Trust Flowbank Capital Union Bank Customers Bank Fortress Trust Deltec J.P.Morgan Chase Cross River Bank, and more 	<ul style="list-style-type: none"> 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.

On-Chain Reserves Data Services

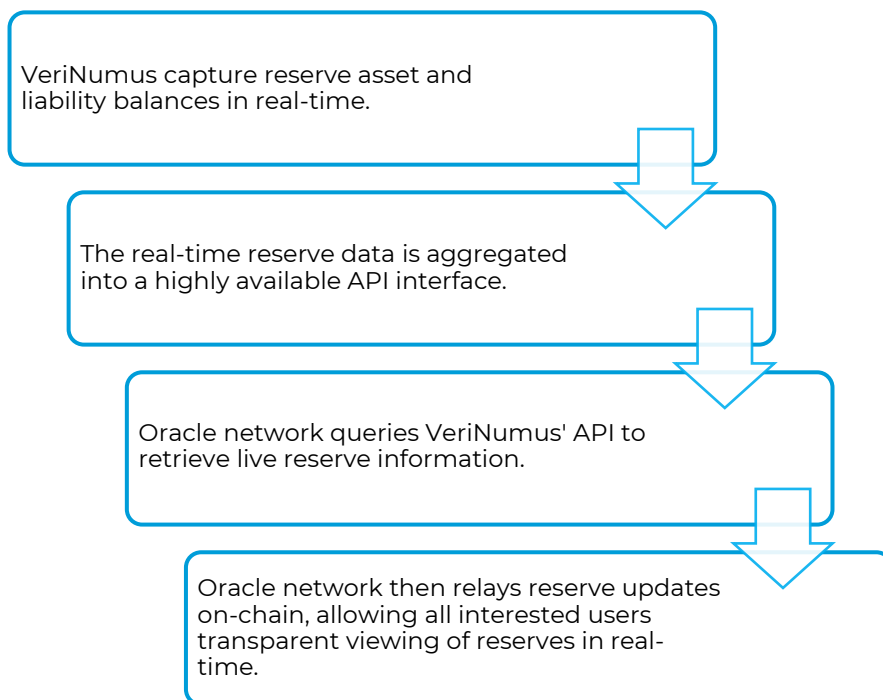
A data aggregation service that consolidates information on on-chain liabilities and off-chain assets.

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.

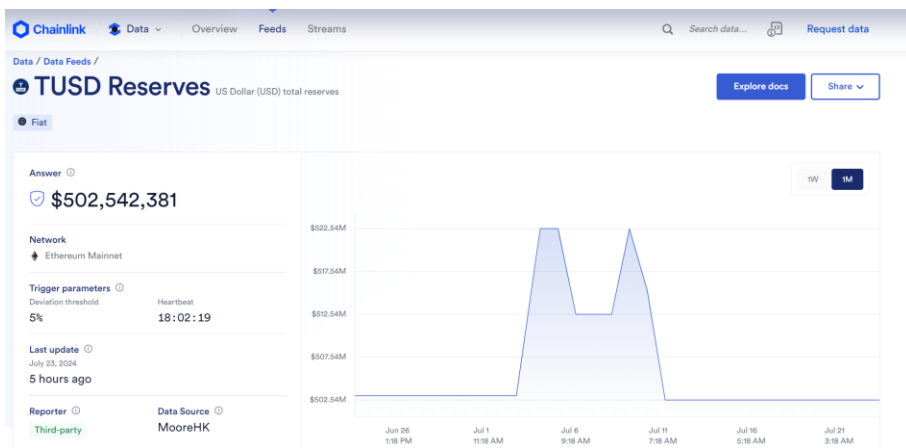
1. API Endpoint Services

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.

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.

On-Chain
Reserves Data
Services

Compatibility of API integration

Blockchains	Banks	Custodians & Exchanges
<ul style="list-style-type: none"> Bitcoin Ethereum Litecoin XRP Polkadot Cardano Algorand Solana, and more 	<ul style="list-style-type: none"> First Digital Trust Flowbank Capital Union Bank Customers Bank Fortress Trust Deltec J.P.Morgan Chase Cross River Bank, and more 	<ul style="list-style-type: none"> 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.

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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