SilverTimes Token:

Tokenized Silver Backed by Real World Assets

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Executive Summary

An Abstract of SilverTimes

Overview

SilverTimes is a Real World Asset (RWA) token backed 1:1 by physical silver. Deployed on the Ethereum network, each SilverTimes token represents a direct claim to physical silver reserves held in secure vault custody.

SilverTimes brings silver ownership on-chain, making it easier for users to access, transfer, and use silver in a digital environment. By combining physical silver backing with blockchain transparency, SilverTimes offers a practical way for both retail and institutional users to hold silver with improved accessibility, liquidity, and reserve visibility.

Key Features

SilverTimes is designed to reduce the common barriers of traditional silver ownership, such as storage, limited liquidity, and high access costs. Eligible users can mint SilverTimes tokens through the required KYC process and redeem tokens for physical silver through designated redemption channels.

Each token is backed by physical silver reserves on a 1:1 basis, with reserve coverage supported by Proof of Reserves and/or third-party verification. In addition to simple ownership and transfer, SilverTimes tokens may also be used within compatible Web3 and DeFi platforms, such as for collateral, liquidity, or settlement purposes, subject to platform rules and applicable regulations.

Market Rationale

Silver is a widely recognized precious metal with both investment and industrial demand. It is commonly used as a store of value during periods of inflation, market uncertainty, and currency volatility, while also playing an important role in industrial applications such as solar panels, electronics, electric vehicles, data centres, and medical technologies.

This combination of financial and industrial demand supports silver's long-term relevance as an asset. As global demand for renewable energy, electrification, and advanced manufacturing continues to grow, silver is expected to remain an important material across key sectors. At the same time, physical supply constraints may further support its market value over time.

Compared with many traditional financial assets, silver offers portfolio diversification benefits due to its unique position as both a precious metal and an industrial commodity. SilverTimes is designed to make access to this asset more practical by bringing physical silver ownership on-chain through a transparent, 1:1 backed token structure.

Backing and Expertise

SilverTimes is supported by Alexis Investment Limited, a major subsidiary company of GobiMin Inc., a former TSX Venture Exchange-listed mining company with experience in metal mining, trading, and regional commodity markets.

The team's background includes exposure to nickel and copper exploration and exploitation, past gold mining activities, and metal trading operations. This industry experience provides SilverTimes with practical knowledge in physical metal sourcing, market operations, custody considerations, and asset-backed product development.

Vision

SilverTimes aims to build a practical on-chain silver ecosystem supported by 1:1 physical silver reserves. The long-term roadmap includes expanding the token's utility across compatible Web3 and DeFi platforms, including potential use cases such as collateral, liquidity provision, settlement, and other silver-backed financial applications.

Future developments may include additional tokenized products or features, subject to market demand, regulatory considerations, and platform readiness. The goal is to create a transparent and accessible silver-backed infrastructure that allows retail and institutional users to hold, transfer, and use silver more efficiently in a digital environment.

Conclusion

This whitepaper outlines the structure, mechanics, risk considerations, and strategic direction of SilverTimes as a 1:1 physical silver-backed RWA token.

By combining physical silver reserves, secure custody, transparent reserve verification, and blockchain-based transferability, SilverTimes provides a practical framework for bringing silver ownership on-chain. As the RWA sector continues to develop, SilverTimes aims to position itself as a trusted and user-friendly silver-backed token for both traditional asset holders and Web3 participants.

The Silver Market

Industrial Demand for Silver: Why It Matters to Investors

Silver is both a precious metal and an important industrial material. It has long been used as a store of value, while also playing a key role in modern industries due to its high conductivity, reflectivity, and antimicrobial properties.

Industrial demand remains one of the main drivers of silver's long-term relevance. Silver is widely used in solar photovoltaics, electronics, electric vehicles, medical devices, and other advanced technologies. As renewable energy, electrification, and digital infrastructure continue to expand, silver is expected to remain an essential material across multiple growth sectors.

From an investment perspective, silver can also serve as a portfolio diversification asset. It is often viewed as a hedge against inflation, currency weakness, and market uncertainty. Unlike purely financial assets, silver benefits from both monetary demand and real industrial usage, giving it a unique position within the commodity market.

Recent market trends have shown increasing interest in physical silver, supported by supply constraints, industrial consumption, and investor demand. However, traditional silver ownership still presents practical challenges, including storage, transportation, custody, and liquidity limitations.

SilverTimes addresses these challenges by bringing physical silver ownership on-chain. Through a 1:1 silver-backed token structure, users can access silver in a more practical, transferable, and transparent format while maintaining a direct link to physical reserves held in secure custody.

Existing Problems

Storage, logistics, high barrier to entry, etc.

Despite silver's long-term value and broad market demand, traditional access to silver can be inefficient and difficult for many users.

Physical silver ownership often involves storage, insurance, transportation, and security costs. It may also be less liquid, as buying or selling physical silver usually requires dealers, logistics, and settlement time. These barriers can make direct ownership less practical, especially for retail users.

Financial products and derivatives may provide silver exposure, but they can involve brokerage access, product complexity, fees, and counterparty risk. In many cases, users gain price exposure without direct access to physical silver ownership or redemption.

There is also a gap between the physical silver market and the digital asset ecosystem. This limits the ability to transfer, trade, or use silver efficiently on-chain.

SilverTimes is designed to address these limitations by tokenizing physical silver on a 1:1 backed basis, giving users a more accessible, transparent, and transferable way to hold and use silver in digital markets.

Our Vision & Backing

Our expertise and our optimism on silver investment

SilverTimes is built on silver's role as both a store of value and an industrial metal. As demand grows across renewable energy, electronics, electric vehicles, and advanced technologies, silver remains relevant for both traditional investors and digital asset users.

SilverTimes makes silver ownership more accessible by tokenizing physical silver on a 1:1 backed basis. Each token is linked to physical silver reserves held in secure custody, allowing users to access, transfer, and use silver without directly handling storage or logistics.

The project is supported by Alexis Investment Limited, a major subsidiary company of GobiMin Inc., a former TSX Venture Exchange-listed mining company with experience in nickel, copper, legacy gold mining, and regional metal trading in Hong Kong and China. This background provides SilverTimes with practical industry knowledge in physical metals, sourcing, custody, and market operations.

Silver as Investment

Why Silver as an Investment?

Silver has long been valued as a portfolio asset, offering both defensive and growth characteristics. As a precious metal, it can help hedge against inflation, currency weakness, and geopolitical uncertainty.

At the same time, silver has strong industrial demand, with major applications in solar energy, electronics, electric vehicles, and medical technologies. This dual role gives silver a practical value base beyond investment demand alone.

As demand for green technology and advanced manufacturing continues to grow, silver remains well-positioned as both a store of value and a growth-linked commodity. SilverTimes builds on this role by making physical silver ownership more accessible through a 1:1 silver-backed token structure.

Industrial Uses and Demand Drivers

Silver's industrial demand is a key driver of its long-term value. According to the Silver Institute's *World Silver Survey 2026*, total silver demand reached approximately **1.13 billion ounces in 2025**, while coin and net bar demand increased **14% to a record 217.7 million ounces**, representing nearly one-fifth of the total demand.

East Asia remained a major consumption hub, with industrial silver demand rising **4% to 401.7 million ounces** in 2024. [1]

Silver is widely used in solar photovoltaics, electronics, electric vehicles, grid infrastructure, 5G-related applications, medical devices, and other advanced technologies. Its high conductivity, reflectivity, and antimicrobial properties make it difficult to replace in many industrial applications.

The silver market also recorded a structural deficit of approximately **40.3 million ounces in 2025**, marking the fifth consecutive annual deficit. From 2021 to 2025, the cumulative deficit reached approximately **716 million ounces**, equivalent to 65% of global mine supply in 2025.

RWA Trends & Opportunities

RWA market trends and opportunities for us

The tokenized Real World Asset (RWA) market continues to grow as institutions and users seek more efficient ways to access traditional assets on-chain. According to RWA.xyz, tokenized real-world assets reached approximately **US$26.7 billion** in distributed asset value, while represented asset value exceeded **US$345 billion**. Stablecoins, the largest tokenized asset category, reached approximately **US$299 billion** in total value. [2]

Industry forecasts also point to significant long-term growth. Standard Chartered and Synpulse project that tokenized assets could reach approximately **US$30.1 trillion by 2034**, supported by institutional adoption and broader integration between traditional finance and blockchain infrastructure. [3]

This trend creates a strong foundation for tokenized commodities such as silver. SilverTimes applies RWA tokenization to physical silver by offering a **1:1 silver-backed token** that can be held, transferred, and potentially used across compatible Web3 and DeFi platforms.

By connecting physical silver reserves with blockchain infrastructure, SilverTimes aims to make silver ownership more accessible, liquid, and practical for both retail and institutional users.

Core Token Design

A reserve-backed model designed for simplicity, liquidity, and trust.

SilverTimes Token (STT) is designed as a 1:1 physical silver-backed RWA token. Each STT is backed by physical silver reserves held in secure custody, allowing users to access silver ownership through a transferable on-chain asset.

Eligible users may mint STT by completing the required KYC process and contributing the corresponding value of physical silver or approved settlement assets. Tokens may be redeemed through designated redemption channels, subject to platform terms, minimum redemption requirements, and applicable regulations.

Reserve coverage is intended to be supported by Proof of Reserves and/or independent third-party verification, helping users confirm that issued tokens remain backed by physical silver on a 1:1 basis (1 STT token = 1 troy ounce of silver). All underlying silver assets have been placed in a Trust structure and stored securely in Brink's Hong Kong.

Revenue & Sustainability

Revenue Utilization and Ecosystem Sustainability

SilverTimes is structured as a 1:1 physical silver-backed token, with its core value supported by physical silver reserves.

To maintain the platform, SilverTimes may apply transparent fees for minting and redemption. The fee is designed to support long-term sustainability while keeping user access practical and cost-effective.

Minting & Redemption

Minting and Redemption Processes

SilverTimes provides a compliant minting and redemption process for eligible users. To mint STT, users must complete the required KYC verification and meet applicable onboarding requirements before token issuance.

Once approved, STT may be minted against eligible physical silver or approved payment methods. The platform intends to follow recognized silver quality standards, including LBMA Silver Good Delivery specifications, where applicable.

All underlying silver assets have been placed in an Orphan Trust structure, protecting the interests of STT token holders. The beneficiary ownership of silver belongs to STT token holders. Holders of STT tokens may redeem eligible token holdings for physical silver through designated redemption channels, subject to minimum redemption amounts, processing procedures, fees, and applicable regulations.

All issued STT tokens are backed 1:1 by physical silver reserves that are held in secure custody with Brink’s Hong Kong. Reserve coverage is intended to be supported by monthly Proof of Reserves and/or independent third-party verification to enhance transparency and user confidence.

Benefits

Benefits and Value Proposition

SilverTimes brings physical silver ownership on-chain through a 1:1 silver-backed token structure. STT is designed to make silver more accessible, transferable, and practical for both retail and institutional users.

Key benefits include:

- **24/7 transferability** through blockchain infrastructure
- **Lower entry barriers** through fractional token ownership
- **Institutional-grade access** to physical silver for retail users
- **No direct storage or logistics handling** for token holders
- **Physical silver backing** supported by custody and reserve verification
- **Silver quality standards** to support purity and reliability
- **Potential Web3 utility**, including future DeFi integrations where applicable

By connecting physical silver reserves with blockchain technology, SilverTimes aims to provide a more liquid, transparent, and user-friendly way to hold and use silver.

Main Applications

1. Digital Store of Value

SilverTimes gives users a simpler way to hold silver exposure without having to deal with the usual problems of physical bullion, such as storage, insurance, transportation, dealer premiums, and limited liquidity. By bringing silver on-chain, STT makes silver-linked value easier to access, hold, and transfer.

2. Borderless Settlement Asset

STT can also be used as a digital settlement asset backed by silver exposure. Unlike traditional silver products, which are often limited by market hours, banking systems, or local dealers, STT can move across supported blockchain networks at any time. This makes it useful for cross-border transfers, digital payments, treasury movement, and alternative savings use cases.

3. Fractional Access to Silver Markets

Buying physical silver often means purchasing full bars or coins, while also paying premiums, storage costs, handling fees, and other related expenses. STT lowers this entry barrier by allowing users to gain silver exposure with smaller amounts of capital, making the silver market more accessible to retail investors and digital-native users.

4. Transparent Commodity Exposure

SilverTimes uses blockchain transparency to give users clearer visibility into token circulation and on-chain activity. Compared with traditional silver products, where reporting can be delayed, limited, or difficult to verify, STT allows transactions and supply movements to be tracked on-chain in real time.

5. Long-Term Exposure to Industrial Silver Demand

SilverTimes also gives users a way to participate in silver’s long-term demand story. Silver plays an important role in electronics, renewable energy, solar panels, electric vehicles, and other emerging technologies. As these sectors continue to grow, STT provides a blockchain-native way to gain exposure to silver’s expanding industrial relevance.

STT Tokenomics Overview

The SilverTimes Token (STT) is an ERC-20 token on Ethereum, designed for interoperability with Web3 and DeFi ecosystems. Its structure emphasizes transparency, scalability, and alignment with physical silver reserves.

- **Supply Model:** Dynamic and uncapped, with tokens minted or burned based on user minting and redemption activity to reflect reserve levels.
- **Backing:** Each STT is backed 1:1 by physical silver held in Brink’s Vault.
- **Reference Value:** 1 STT is designed to represent approximately 1 troy ounce of physical silver.
- **Fees:** Trading is free of charge, minting is subject to a 1% fee, while redemption is subject to a 0.35% fee that supports custody, reserve management, audits, and platform operations.

Collateral & Reserves Management

Reserves are maintained through the custody of silver and regular verification.

- **Reserve Control:** Silver reserves are monitored against the issued STT supply.
- **Transparency:** Reserve status is supported by on-chain reporting, Proof of Reserves, and periodic third-party audits.
- **Trust Structure:** SilverTimes utilizes an Orphan Trust, a commonly used structure to prevent the commingling of assets. All underlying silver assets have been placed under ownership in a subsidiary of a TCSP-licensed Trust in Hong Kong. The beneficiary ownership of silver belongs to holders of the STT token.
- **Custody Safeguards:** All physical silver is stored securely and held through Brink’s Hong Kong with operational controls for storage, handling, and release.
- **Industry Support:** GobiMin Inc.’s metal market experience supports sourcing, custody coordination, and reserve management.

This structure is designed to keep reserve management transparent, secure, and operationally reliable.

Overview of DeFi Integrations

SilverTimes is designed to support future integration with compatible DeFi protocols, allowing STT to be used for lending, borrowing, trading, and liquidity applications.

As RWA adoption grows within DeFi, tokenized silver can serve as a practical bridge between physical commodities and on-chain financial markets. STT aims to provide users with a more flexible way to hold and use silver, while maintaining the simplicity of a physically backed token structure.

Risk Management Overview

SilverTimes applies a risk management framework designed to protect user assets, maintain reserve integrity, and support long-term platform reliability.

Key risks include custody risk, redemption risk, market liquidity, operational controls, smart contract security, and regulatory compliance. These risks are managed through secure vault custody, reserve monitoring, Proof of Reserves, third-party audits, KYC procedures, and clear minting and redemption rules.

This framework is designed to ensure that STT remains transparent, reliable, and operationally sound as a physical silver-backed token.

Key Risks and Mitigations

The following table outlines primary risks associated with SilverTimes, along with corresponding mitigation strategies. These are informed by comprehensive scenario analysis, including stress tests for extreme market events where silver prices fluctuate sharply, or basis conditions deteriorate.

Risk Type	Description	Mitigation Measures
Custody Risk	Physical silver may be exposed to storage, handling, or vault-related risks.	Silver reserves are held through designated vault arrangements with operational controls, custody records, and periodic verification.
Reserve Verification Risk	Users may require assurance that the issued STT is properly backed by physical silver.	Reserve coverage is supported by Proof of Reserves, on-chain reporting where applicable, and periodic third-party audits.
Liquidity Risk	Market liquidity may vary across exchanges or redemption channels, affecting trading spreads or exit efficiency.	SilverTimes may support multiple liquidity venues, redemption channels, and market-making arrangements where appropriate.
Redemption Risk	Physical redemption may be affected by minimum thresholds, processing timelines, logistics, or regulatory requirements.	Redemption is governed by clear procedures, minimum redemption amounts, processing timelines, and compliance checks.
Smart Contract Risk	Bugs or exploits may affect token issuance, transfers, burns, or related platform functions.	Smart contracts may undergo security audits, testing, access controls, monitoring, and staged deployment.
Regulatory Risk	Rules for RWA tokens, custody, redemption, and user onboarding may change across jurisdictions.	SilverTimes applies KYC procedures and may update operating policies to remain aligned with applicable regulatory requirements.

Mechanisms for Adverse Market Conditions

In adverse market conditions, such as a prolonged silver bear market or a sharp decline in silver prices, SilverTimes focuses on reserve integrity, liquidity management, and orderly redemption processing. Since STT is backed by physical silver, there is no delta-neutral strategy, basis exposure, or rollover cost risk. Instead, the main risks are market price volatility, liquidity pressure, and increased redemption demand.

Monitoring and Transparency

Continuous monitoring is supported through on-chain analytics, reserve reporting, and third-party verification where applicable. Key metrics may include issued STT supply, physical silver reserve levels, redemption activity, custody status, and liquidity conditions.

SilverTimes may provide user updates or risk notices during periods of elevated market or operational risk. Annual reviews and monthly Proof of Reserves will summarize reserve status, audit findings, and any material incidents or responses, supporting transparency and long-term platform reliability.

Blockchain Infrastructure

SilverTimes is deployed on Ethereum as an ERC-20 token, benefiting from Ethereum's established smart contract infrastructure, broad adoption, and compatibility with Web3 and DeFi applications.

Ethereum mainnet provides transparent on-chain tracking through tools such as Etherscan, allowing users to view token activity, supply, and related transactions. This supports STT's role as a physical silver-backed RWA token with accessible on-chain visibility.

Oracle Integrations for Pricing

SilverTimes uses a trusted oracle infrastructure to reference real-time silver pricing for minting, redemption, and platform valuation.

Spot silver price data may be sourced through HashKey oracle services and integrated with Ethereum-based smart contracts where applicable. This helps provide tamper-resistant pricing inputs and supports transparent on-chain operations.

Oracle data may be used to support key platform functions, including STT valuation, minting calculations, redemption processing, dashboard reporting, and risk monitoring. Pricing updates are monitored regularly to ensure STT remains aligned with the underlying physical silver value.

Security and Compliance Measures

SilverTimes applies security and compliance controls across its token, platform, and reserve operations.

Smart contracts are planned to undergo pre-launch security audits by independent firms to identify and resolve potential vulnerabilities. User access and account security are supported by measures such as KYC/AML checks, whitelisting where applicable, and two-factor authentication through Google Authenticator.

Reserve transparency is supported by monthly Proof of Reserves reviews and/or third-party verification. In addition, SilverTimes intends to use a trustee company structure to custody silver reserves, helping to provide investors with greater confidence that the underlying silver is held under an independent, structured arrangement rather than directly within normal company operations.

Ongoing legal and compliance reviews help ensure SilverTimes remains aligned with applicable RWA, digital asset, custody, and redemption requirements.

Development Phases

SilverTimes is structured to evolve through distinct phases, each building on the previous to enhance functionality, scale adoption, and integrate with the broader decentralized finance (DeFi) ecosystem. The phased approach ensures operational stability, regulatory compliance, and user-centric growth, leveraging the expertise of GobiMin Inc. in metal markets to anchor the project's foundation.

trustPhase	Timeline	Objectives	Key Deliverables
Phase 1: Foundation	Q2 2026	Establish core infrastructure and launch STT on Ethereum mainnet.	- Deploy ERC-20 STT smart contract - Integrate KYC-compliant minting at designated facilities. - Enable redemption at designated vaults. - Complete initial Proof of Reserves (PoR) audits. - List STT on major decentralized exchanges (DEXs) and centralized exchanges (CEXs).
Phase 2: DeFi Integration	Q3-Q4 2026	Expand STT utility through DeFi protocols and enhance ecosystem engagement.	- Integrate STT as collateral in lending platforms. - Establish partnerships with DeFi protocols for liquidity pools.
Phase 3: Expansion	2027 onward	Explore cross-chain / multichain integration and scale DeFi functionalities.	- Issue STT on multiple blockchains. - Expand to cross-chain compatibility (e.g. Polygon, Arbitrum, Etherlink, Avax).
Phase 4: Global Scaling	2028 onward	Drive mass adoption and explore innovative financial products.	- Expand vault network globally for redemption access. - Achieve $500M TVL and 100,000 active users.

Silver Times

Future DeFi Expansions

SilverTimes plans to expand STT's utility through selected Web3 and DeFi integrations. Key initiatives may include:

- **Cross-Chain Compatibility:** Extending STT to selected Layer-2 networks, such as Arbitrum, to reduce transaction costs and improve scalability.
- **Emerging Market Access:** Partnering with regional platforms to make tokenized silver more accessible to users in underserved markets.

These initiatives aim to broaden STT's use cases while keeping the token's core function focused on physical silver-backed ownership and on-chain transferability.

References

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[3] Standard Chartered and Synpulse, Real-World Asset Tokenisation: A Game Changer for Global Trade, 2024. Available at: https://www.sc.com/en/press-release/trade-finance-to-play-substantial-role-in-usd-30-1-trillion-tokenised-real-world-assets-market-by-2034/

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