

TNG Sovereign Group



Bank & Trust

Digital Banking your way - 24x7x365

TNG Sovereign Group - Bank & Trust

- Advanced Hybrid Banking & Cryptocurrency - MICA License
 - Black Metal Master Card - Powered by Crypto or FIAT
 - Superior off rails for FIAT
 - Networked to over 2,600 exchanges within a FireBlocks ecosystem
- Advanced Crypto Centralized Licensed Exchange
 - Tokens & Coins created on advanced Blockchains, providing key pairs trades
 - VISA / Master Card Services tied to Cryptocurrency with FIAT rails on/off exchange and banks.
 - Minted Gold, Silver and Rare precious metal Coins for one to one trade with match to Crypto coins "UK & ASIA Only"
 - True ToKo certified assets backing each coin
- Secured Private Vault Service (Select clients only)
 - Private Secure Fireblocks Vault Solution for all crypto assets in a unbreakable vault
 - Arculus Wallet services
 - Secure portal to your Private FireBlocks Vault
- Advanced Tokenization with our partners DLA Piper & Aldersgate DLS
 - Create true asset backed cypto-currency
 - Ability to throttle ToKo contracts to maintain production or leverage in ground and out of ground assets ensuring you future liquidity and growth



Banking your way - 24x7x365

Bank from anywhere in the Globe safely and securely with the World's first true Hybrid Digital Bank & Cryptocurrency FIDO2 certified Master Card. The banking app is secured via the same card eliminating passwords, only needing biometrics and your card to provide a secure login or a Tap and Go touch to approve your transactions.

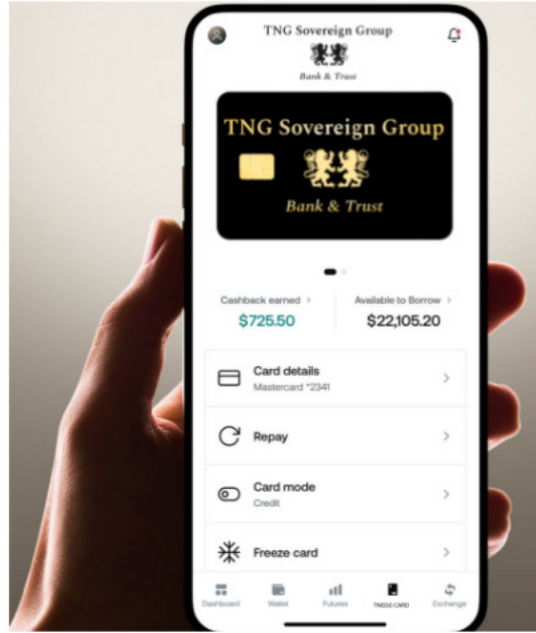
Security is the core of our success. This is a certified FIDO2 multi-function Card for advanced finance involving FIAT, Digital Currencies and Cold Storage.



Your bank account features everything traditional banks offer today. We then take these services and supercharge your account with the ability to host crypto-currencies, Secure Private Vault Services, Arculus FIDO2 security and Cold Storage, OTC Trading, Exchange services with trades to 2.5 Billion US. Other financial services for Ultra High Networth Clients in addition to the above.

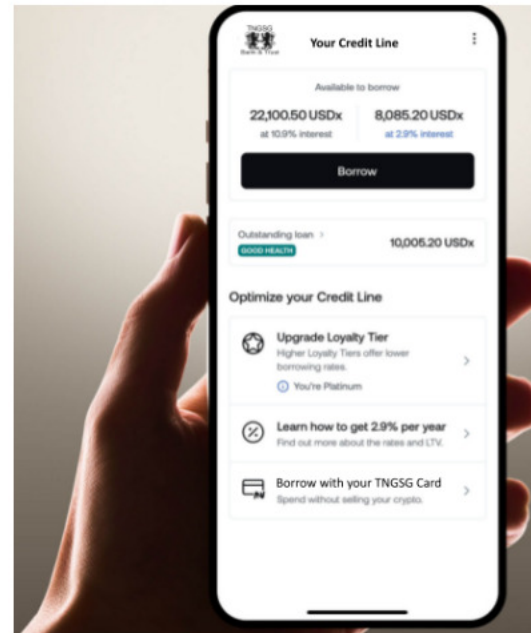
Banking your way - 24x7x365

Truly Bank from anywhere in the Globe with the Worlds first true Hybrid Digital Bank



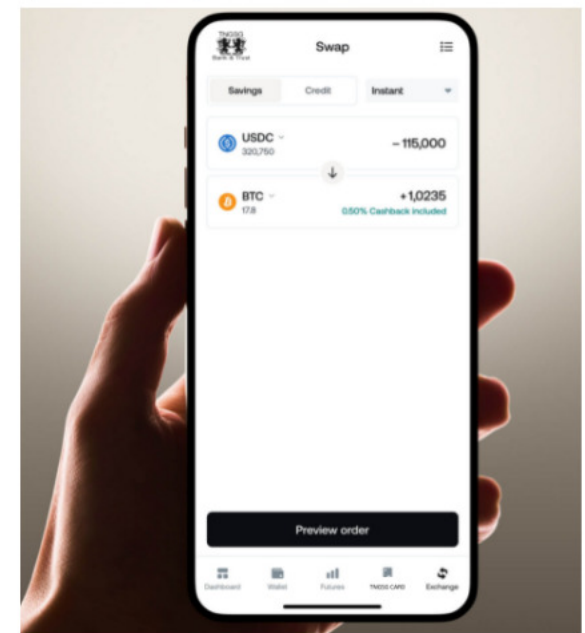
Advanced Hybrid Digital Banking at your fingertips.

- Fido2 Secure, HiTrust, FISMA ecosystem
- World class FIDO2 Tap and Go Card
- No spending limits, no minimums.
- No ATM fees.
- Accepted at over 100 Million ATMs in over 210 Countries.



Leverage your digital assets, your cryptocurrency to create credit lines.

- Leverage your cryptocurrency without selling it.
- Stake and Earn with TNGSG SPVS
- Trade on our OTC or Exchange



Buy, Sell, Trade, on /off ramps to your TNGSG account or Cold storage.

- TNGSG Arculus FIDO2 secure card.
- Portal to your SPVS private vault.
- Free membership to our private Exchange portal
- Deep liquidity pools

Business in Confidence



Secure Private Vault Service

SPVS

Secure Private Vault Service (SPVS)

- Think Swiss Bank of old on steroids, wrapped within an Iron clad Trust. This TNG Sovereign Group Bank & Trust service provides our clients with a hardened private crypto-currency vault with Fiat rails based on FireBlocks.
- This hardened secure solution enables our client to engage in secure trading with zero risk of loss or theft. The client is completely protected and private via our secured anonymous identification solution.
- The client's Vault is truly private and invisible to other parties and or hostile government entities. Our solution ensures the client is immune to fraud or theft via this unique offering.
- We provide our Clients with an End to End solution to include consulting, private cold storage solutions, OTC and Brokerage services within the trusted TNGSG Network and FireBlocks ecosystem with over 2100 exchanges.
- In addition, our Ultra High Networth clients are protected via our Over-Watch service from Pale Horse GRS. The service ensures our clients have Physical and Cyber security services when needed most. These services were created to ensure our clients have true Peace of Mind 24x7x365.



Three Layer Security Model

Enterprise-grade Multi-layer Security

FireBlocks is built using next-generation technology to help you solve tomorrow's operational and security challenges. The multi-layer security matrix layers MPC, Intel SGX, our signature Policy Engine, and a deposit address authentication network to deliver the most impenetrable system on the market.

Layer 1: MPC-CMP + Multi-cloud

Designed to address new requirements of the digital asset space that have emerged as institutions have entered the ecosystem. MPC-CMP private key protection layer removes the single point of compromise from both external hackers and insiders – as the private key is never concentrated on a single device at any point in time.

Layer 2: HARDWARE ISOLATION - SGX

Keys stored in SGX cannot be extracted even if malware or a hacker has control over the server's OS – as the memory space and the data in the SGX enclave are encrypted.

Layer 3: WORKFLOW AUTHORIZATION - Policy Engine

The FireBlocks Policy Engine, enables organizations to set up specific approval policies for every transaction. The Policy Engine allows users to configure a list of rules that affect how transactions are handled and approved.

Enterprise Grade

ENTERPRISE-GRADE (Insured & secured)

The only security platform that insures assets in storage, transfer, and E&O. FireBlocks is SOC 2 Type II certified and completes regular pen testing from ComSec and NCC Group.

Your Secure Private Vault acts as a private bank for your Crypto assets, secured by multiple layers of security deployed across a multi-cloud solution, in-house trusted trading professionals and our trusted admin teams across the US, ensuring no one party can move your assets without approval from at least three of TNGSG's trusted admins. Each transaction follows a strict protocol, white listing and approval process meeting or exceeding your SLA. We can provide you with a safe end to end coin buying or selling experience within our secured closed ecosystem. We host each trade online providing complete transparency to all parties.

Settlement Layer

The settlement layer of our multi-layer security system is the FireBlocks Network, an institutional asset transfer network that completely mitigates the risks associated with deposit addresses by automating deposit address authentication and rotation.








Private Held - Secured Cold Storage

Outside of your Private Vault the next layer of true cold storage is Arculus. This is provided to our clients at no cost. Think of it as your personal savings account. Leave the Arculus card in your safe or locked desk drawer. Only open it when you need to move a crypto asset from Arculus to your OTC Wallet or FireBlock Vault. It is unhackable because you must have the Arculus card touching your phone to enable the device with your pin and biometric to move crypto from Arculus.



| |  Arculus™ |  Other Cold Storage |  Hot Wallets |
|-------------------------|---|---|--|
| Form Factor | Card | Fob with display | None |
| Ease of Use | ✓ | ✗ | ✗ |
| Superior Security | ✓ | ✗ | ✗ |
| No Charge Required | ✓ | ✗ | ✓ |
| 3 Factor Authentication | ✓ | ✗ | ✗ |

Business in Confidence



OTC - We recommend Paxos ItBit, why ItBit?

For crypto trades over \$100K USD, our agency-only desk offers a deep order book, support and competitive pricing for AAVE, BCH, BTC, BUSD, ETH, LINK, LTC, MATIC, PAXG, UNI and USDP. Transactions are made quickly, safely and secure. The diagram below depicts possible flows to and from your Secure Private Vault.



Advanced Supervision

itBit Trading Platform is a safe, secure and fair trading venue with oversight from the New York Department of Financial Services ("DFS"), best in class blockchain monitoring software and systems designed to prevent market manipulation.



Deep Liquidity

Access itBit's global network of clients across more than 100 countries for some of the deepest fiat-to-crypto liquidity pools for USD:AAVE, USD:BCH, USD:BTC, USD:BUSD, USD:ETH, USD:LINK, USD:LTC, USD:MATIC, USD:PAXG, USD:UNI and USD:USDP.



Institutional Grade

Multiple layers of platform security ensure that our exchange and your assets are always safe.



Maker Rebates & Low Fees

Maker rebates available to certain liquidity providers. Flat rate fees per transaction. No crypto withdrawal fees.

SPVS - Overview

How does a simple swap work? (Example only)

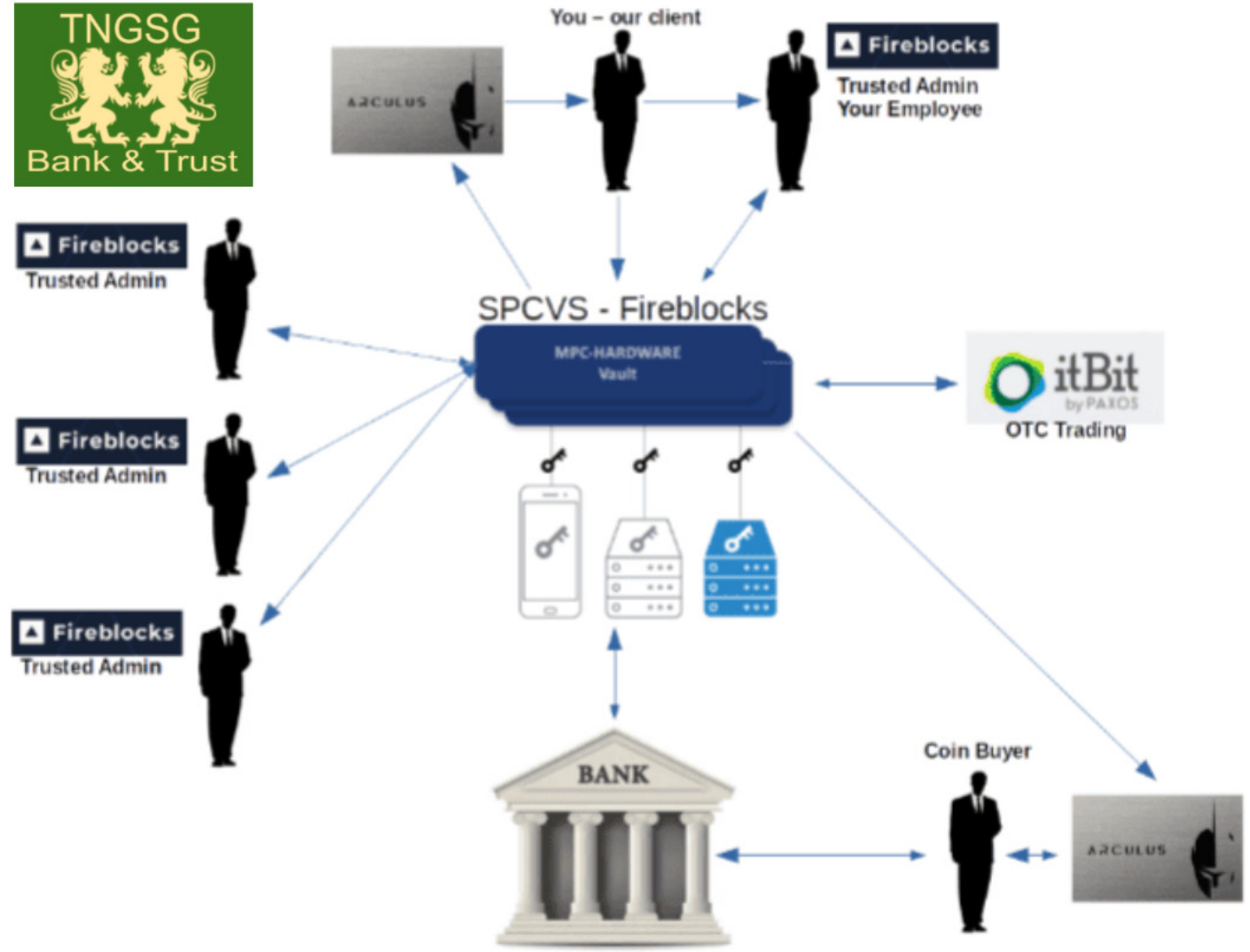
- We will walk you through one of the many coin scenarios.
- You - our client moves Crypto from an Arculus Wallet to your Secured Private Vault. You then wish to swap the coin within our secured ecosystem.
- Using our secure portal you convey to TNG that you wish to swap BTC for Tether.
- TNG finds a client within its ecosystem who has Tether and wishes to trade.
- TNG sends both you and the buyer a contract to execute the swap.
- You both execute the contract and agree to the trade completely anonymously.
- TNG schedules a mandatory video call, hosting the transaction, demonstrating the exchange, validating each has received the correct coins in their private vault.
- TNG sends the audit record of the transaction to each party's private mailbox and completes the video call ending the transaction.





SPVS - Workflow of Transaction

The diagram below depicts the multiple ways you can transact within our secure ecosystem.



Business in Confidence



ToKo - Tokenization



Strength, Trust, Innovation and Integrity

ToKo - DLA Piper & Aldersgate DLS

- Global law firm DLA Piper in collaboration with Aldersgate DLS (Digital Ledger Solutions), has launched TOKO, a unique tokenization engine and vital component in the digital asset ecosystem. Developed with Aldersgate DLS, TOKO provides smart contract functionality and digital asset creation functionality and assurance.
- [DLA Piper](#) and Aldersgate DLS successfully completed the very first tokenization project on the TOKO platform today, with a piece of fine art work commissioned and purchased by a group of DLA Piper Hong Kong partners. Created by Chinese artist Wang Xiao Bo, this bespoke project was structured as an unregulated security offering through the Aldersgate DLS TOKO platform with legal advice provided by DLA Piper.
- While today's launch tokenized a piece of fine art, TOKO can be used to create fractions of any asset, whether that be a fund, or a multimillion dollar property. It can help asset owners create unique product offerings, improve asset liquidity and provide clients with access to a wider group of investors, and the creation of unique product structures. tokenization also enables exit opportunities and can reduce the risk of fraud through the strict, timestamped audit trails created through blockchain functionality.
- Unlike existing tokenization offerings in the market, TOKO provides clients with the unique combination of legal experience from a leading full service, global law firm coupled with cutting edge technological capabilities.



ToKo -Solving inefficiencies

- TOKO solves the inefficiencies of today's capital markets, leveraging the best distributed ledger technologies available. TOKO is a digital asset creation engine created by DLA Piper, a [Hedera Governing Council](#) member, that couples the compliance and regulatory rigor of a global law firm with the innovative technology solutions of tomorrow.
- Assets on TOKO are distributed, traded, and settled rapidly, without the need for slow and expensive intermediaries. The [Hedera Token Service \(HTS\)](#) enables TOKO to easily issue non-fungible tokens representing various asset classes, such as real estate, fine art, intellectual property, ESG, debt restructuring, fund structuring, equity / digital IPO, and reinsurance. TOKO empowers value creation for both the asset issuers and investors — from large-ticket institutions down to the average retail investor who wasn't historically given access to previously illiquid assets.
- For private transactions of assets that live on permissioned blockchain frameworks, such as Hyperledger Fabric, TOKO utilizes the [Hedera Consensus Service \(HCS\)](#) with the [Hyperledger Fabric](#) plug-in, deployed in [Microsoft Azure](#), to make confidential transactions verifiable on the Hedera public network. HCS ensures privacy while still offering a decentralized, fairly ordered, and publicly verifiable log of transactions for marketplace participants and regulatory bodies.



ToKo - Solving Capital market inefficiencies

- TOKO solves the inefficiencies of today's capital markets, leveraging the best distributed ledger technologies available. TOKO is a digital asset creation engine created by DLA Piper, a [Hedera Governing Council](#) member, that couples the compliance and regulatory rigor of a global law firm with the innovative technology solutions of tomorrow.
- Assets on TOKO are distributed, traded, and settled rapidly, without the need for slow and expensive intermediaries. The [Hedera Token Service \(HTS\)](#) enables TOKO to easily issue non-fungible tokens representing various asset classes, such as real estate, fine art, intellectual property, ESG, debt restructuring, fund structuring, equity / digital IPO, and reinsurance. TOKO empowers value creation for both the asset issuers and investors — from large-ticket institutions down to the average retail investor who wasn't historically given access to previously illiquid assets.
- For private transactions of assets that live on permissioned blockchain frameworks, such as Hyperledger Fabric, TOKO utilizes the [Hedera Consensus Service \(HCS\)](#) with the [Hyperledger Fabric](#) plug-in, deployed in [Microsoft Azure](#), to make confidential transactions verifiable on the Hedera public network. HCS ensures privacy while still offering a decentralized, fairly ordered, and publicly verifiable log of transactions for marketplace participants and regulatory bodies.



ToKo - platform for security token offerings

- TOKO utilizes Hedera for non-fungible asset tokenization in two distinct ways. The first is through the Hedera Token Service (HTS), where native non-fungible tokens represent assets that are issued directly to accounts on the Hedera public network without the need for expensive and potentially faulty smart contracts.
- The second is for more sensitive transactions and uses a combination of blockchain technologies specifically, Hyperledger Fabric (HLF) and the Hedera Consensus Service (HCS). TOKO issues and manages tokens through a private instance of HLF but, for every transaction, writes a fairly ordered, encrypted, and publicly verifiable message to the Hedera public network using HCS. This combination brings together the privacy of HLF, with trust and public verifiability of transactions on the Hedera public network.
- By utilizing HTS, TOKO overcomes smart contract tokenization limitations through the efficiency of Hedera's underlying hashgraph consensus algorithm; other obstacles found in Ethereum, such as network forks, are overcome by its global governance structure. HTS reduces the total cost of issuance and management, improves transaction settlement time from hours to seconds, and ensures overall stability for network participants with its no-fork guarantee all on a public network governed by [leading global organizations](#). Preventing forks through governance alleviates concerns by custodians, banks, and other ecosystem participants around stability and having to track duplicate assets across multiple networks.



ToKo - Integration, Security and Stability

- "DLA Piper has integrated the Hedera Token Service (HTS) into its TOKO tokenization platform to enhance the performance, security, and stability of enterprise-grade digital assets," said Scott Thiel, Partner at DLA Piper. "The native account-based compliance configurations found within HTS enables us to meet regulatory requirements and enhance TOKO's ability to empower value creation."
- For transactions sensitive in nature and requiring additional privacy through encryption, HCS combines public networks' trust with the privacy of permissioned blockchain frameworks. HCS interoperates with Hyperledger Fabric on the TOKO platform, enabling verifiable timestamps, decentralized fair ordering, and privacy for sensitive transactions. An example is in the case of an initial public offering (IPO), where certain disclosures cannot be made public but still must be trusted and auditable by specific parties or regulatory authorities.
- The TOKO platform by DLA Piper and powered by Hedera Hashgraph enables asset issuers and investors to quickly and inexpensively transact. TOKO makes it cheaper, faster, and easier to raise capital and manage investment than ever before.



TNGSG End to End Crypto Solutions

Proven Crypto Solutions:

- **End to End Crypto Exchange** with Card Services, Fireblocks MCP Wallet, one custom token. **Flat Fee \$1.2 - 1.75M** pending coin asset. “50% down, 25% at Exchange live testing, End to End Complete testing remaining 25% prior to turnover.”
- **FireBlocks MPC Wallet** - Private wallets, staking, cold storage **Flat Fee \$50K** “50% prior to engagement, remaining balance due prior to ownership turn over.”
- **Custom Exchange** - No cards, no coins, contains a Fireblocks MPC Wallet, minimal configuration **Flat Fee \$750K** “50% prior to engagement, remaining balance due prior to ownership turn over.”
- **Toko** - Asset tokenization and coin creation. **Flat Fee \$35K** prior to engagement Pending asset complexity an additional charge of \$150K - \$750K will be required. The initial fee will determine the remaining balance.
- **Custom API** creation **\$35K** prior to engagement
- **Coin Pairing** adding your custom coins and pairing coins to TNG exchange **\$5K per coin**, in advance.

Above fees do not include software licensing and or additional hardware.