

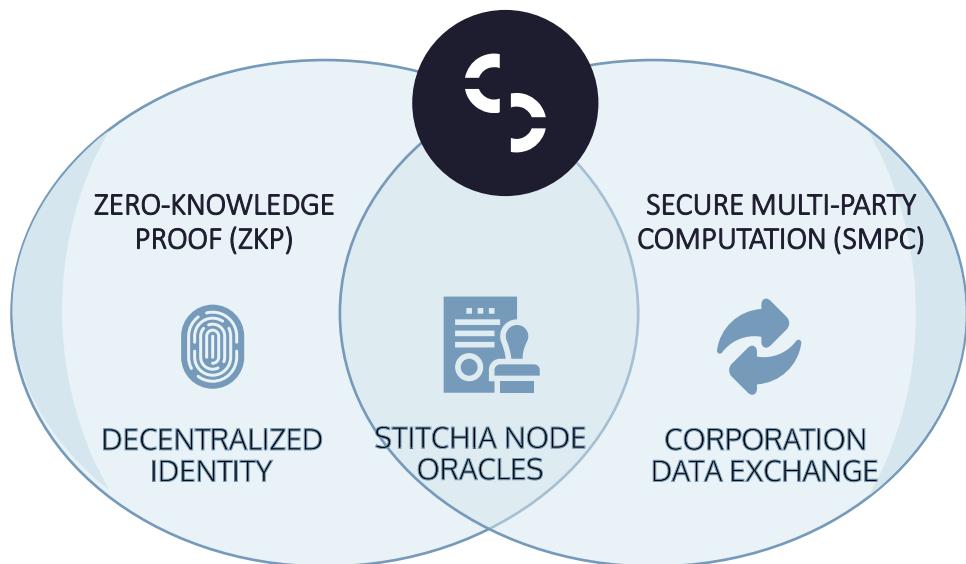


## Accelerating the journey of crowdfunding businesses to web3 adoption

We are serving crowdfunding for businesses seeking to take advantage of public blockchains, while retaining governance and security in the process of tokenized crowdfunding.

**Stitchia** is creating open-source Protocol & Ecosystem for decentralized multi-chain crowdfunding, based on the Hedera Hashgraph.

**StitchiaNode** provides the infrastructure needed for companies, projects and individuals to self-fund themselves and bring their assets on-chain via Initial Offerings (ICO,IDO,STO,ILO,IFO and others), and for DAOs to be able to operate with assets in a legally compliant environment.



STITCHIA uses ZKP and SMPC to secure three processes: data exchange, decentralized identity management and off-chain calculations (nodes).

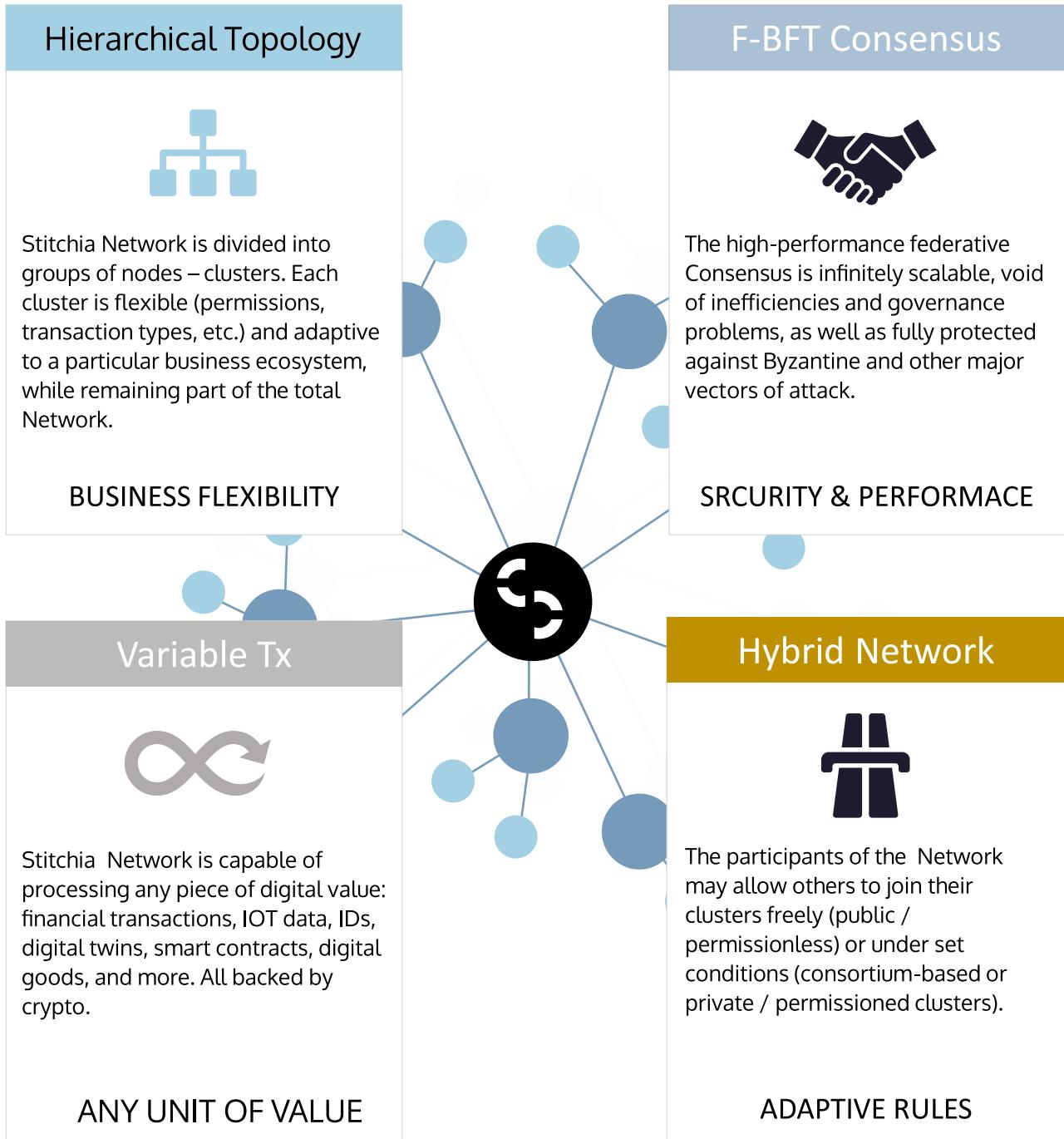
### Zero-Knowledge Proof

- Succinct non-interactive arguments (SNARG), such as “Bulletproofs”
- Interactive ZKP methods for proofing on-chain data with off-chain info without the ability to directly compare (notaries)
- Classic k-Anonymity; l-Diversity; t-Closeness for identity
- Shamir Secret Sharing-based for tokenization

### Secure Multi -Party Computation

- Proprietary PSI/SMPC protocol based on primitives of Diffie-Hellman exchange protocol, BFV HE scheme, Cuckoo hashing, and Oblivious Pseudorandom Function (OPRF)
- Two phases: preliminary calculation (offline), then executing intersection (online phase).

## Stitchia Network is built for embracing new possibilities while complying regulatory and industry regulations



other distinctive features

 MODULAR

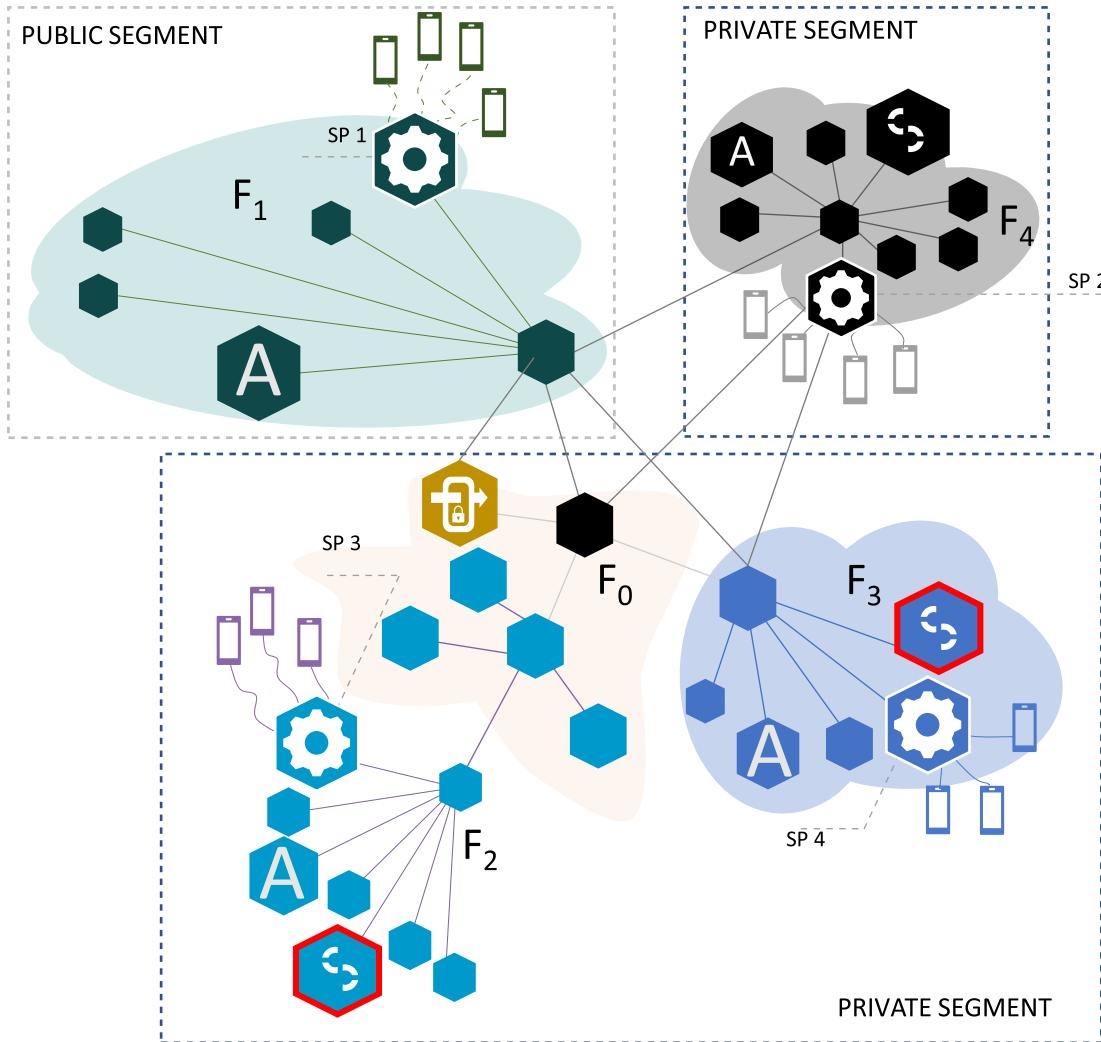
 ANCHORED

 OPEN SOURCED

 INTEGRATIVE

 ANALYTICAL

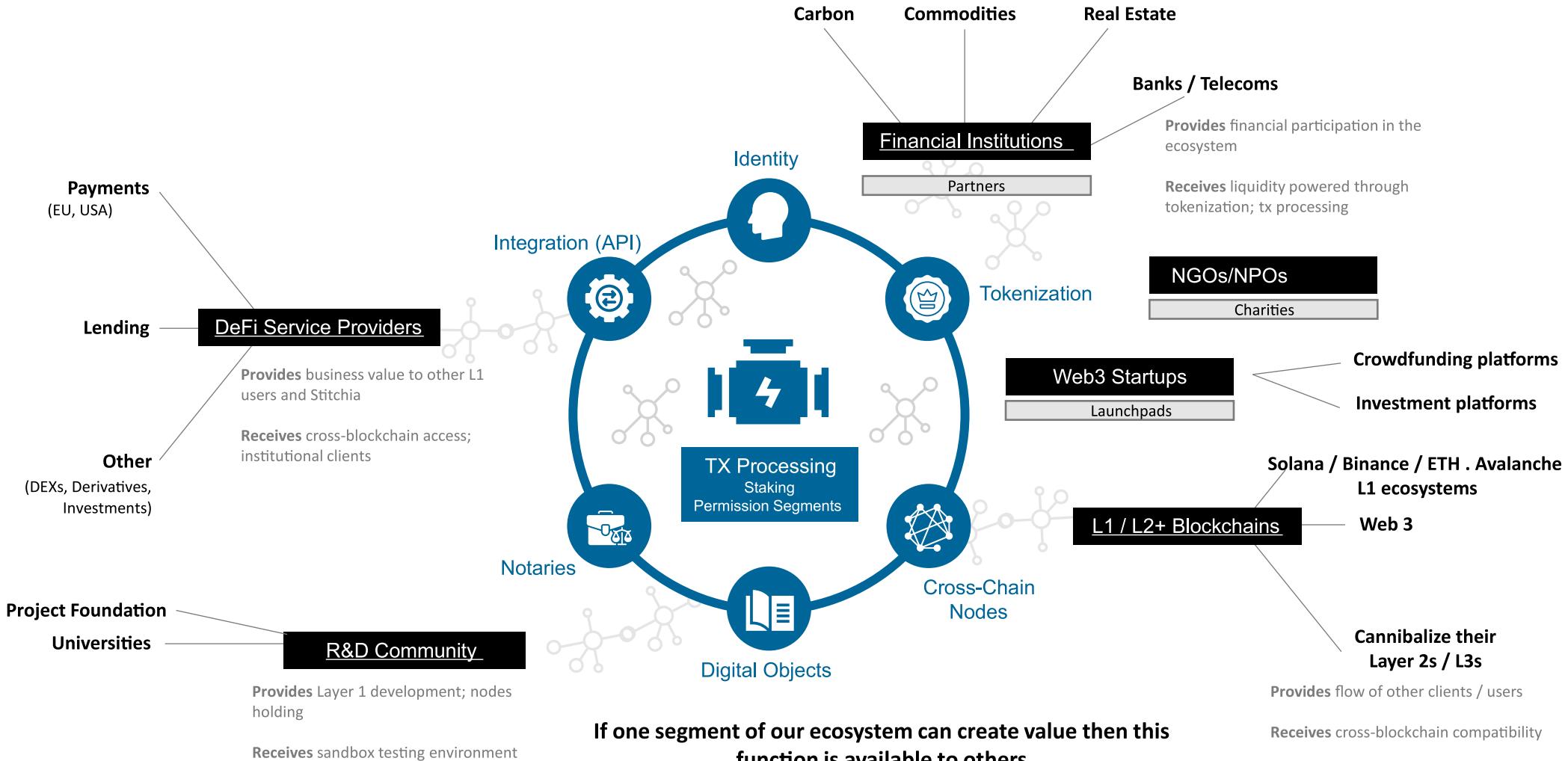
## the architecture of a blockchain network built in a federated way:



- Validators that approve transactions within a cluster
- Nodes that provide data validation at the network level (off-chain Trust Providers).
- Any transaction within a trust group (node clusters) requires approval outside that group
- Service Provider (SP) - a node that provides service for its clients connected via API
- StitchiaNode, an off-chain node with off-network validation
- Rely (Gateway) – a node that provides data synchronization with external blockchain networks and payment systems

- Network nodes are grouped into Fi clusters, allowing BFT consensus to be reached in the fastest way;
  - The network simultaneously presents private and public structures (hybrid network) with delineated segments
  - Each node supports several types (families) of transactions at the same time (the network is multifunctional)
  - The distributed ledger is built on DAG technology and is a combination of related graph structures, each of which can have its own visibility for different segments (the so-called private branches);
- The nodes of the system have various roles, including:

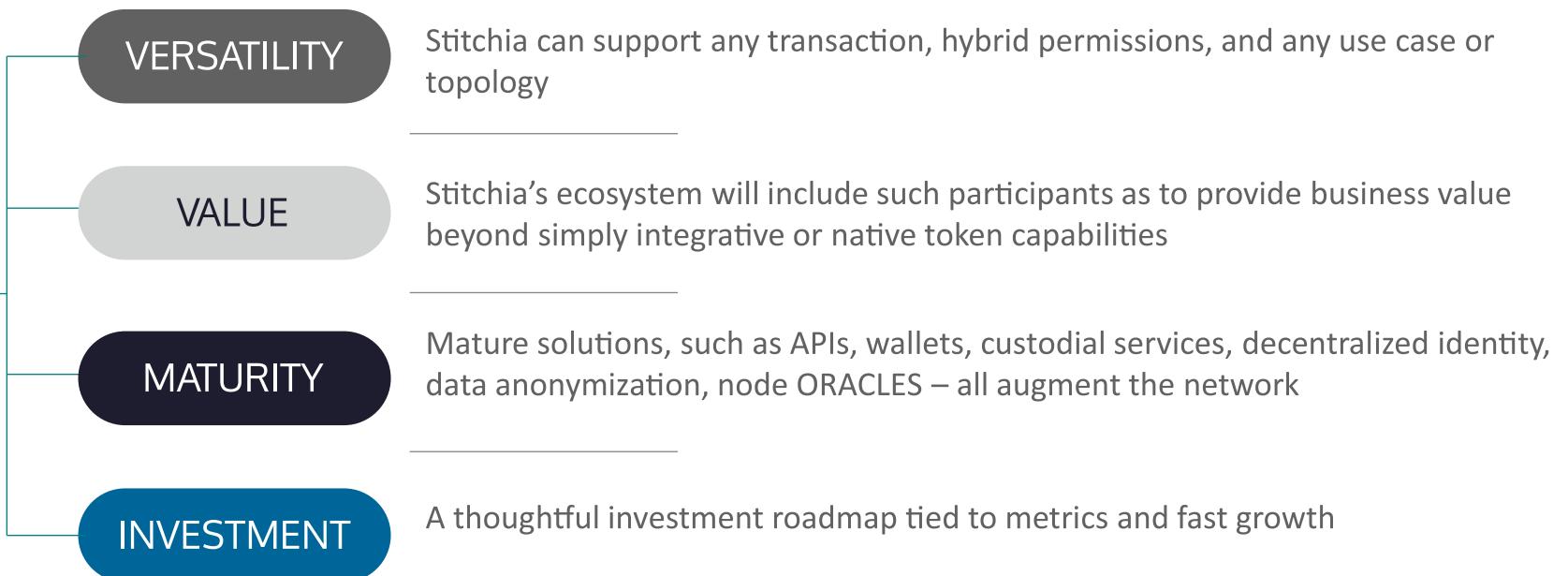
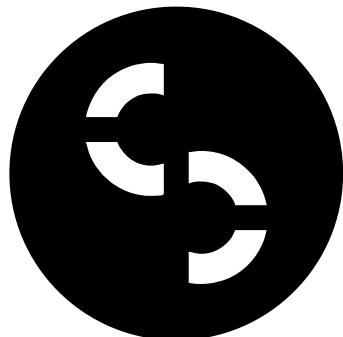
**Stitchia is an integrative financial ecosystem, bridging value across centralized and decentralized institutions**



# VALUE PROPOSITION & POSITIONING

THE PLATFORM'S CORE ADVANTAGE IS ITS ARCHITECTURE THAT SUPPORTS SCALABILITY & USE CASE VERSATILITY

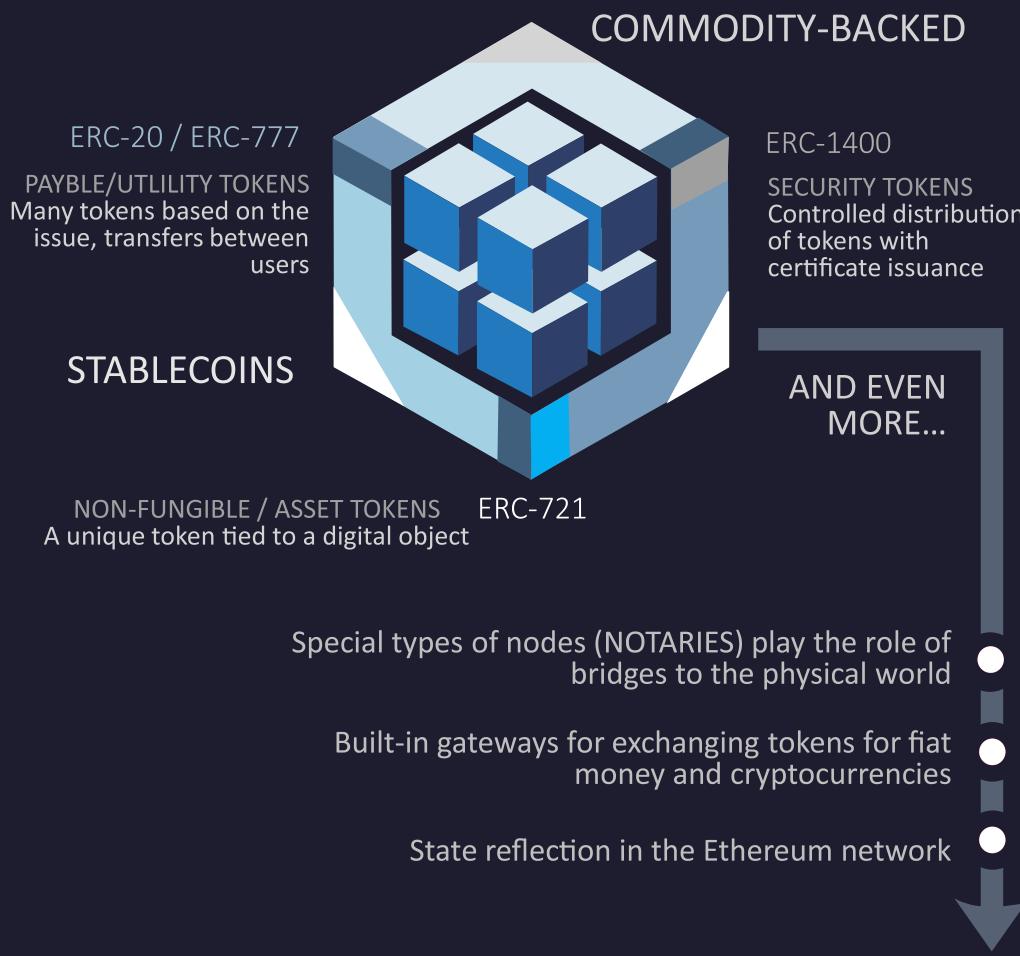
*The network that can process any digital value, integrate any centralized or decentralized system, and provide the tools for a thriving ecosystem.*



Stitchia is looking to build a leading ecosystem using its many technological capabilities, including an integrational "Layer 1" network and additional built-in capabilities that augment real business cases.

# VERSATILE WHITE-LABEL TOKENIZATION

Stitchia is compatible with all Ethereum token families, implementing similar functionality through different type of transactions



Stitchia Network enables the creation of any white-label token with no limits on its properties.

These tokens are **ideal for the rapid enterprise development and deployment.**

**Any value**  
Variable transactions; any digital asset



**Atomic swap**  
Internal zero-fee exchange mechanism

**Mirroring**  
Anchor possibilities in other blockchains

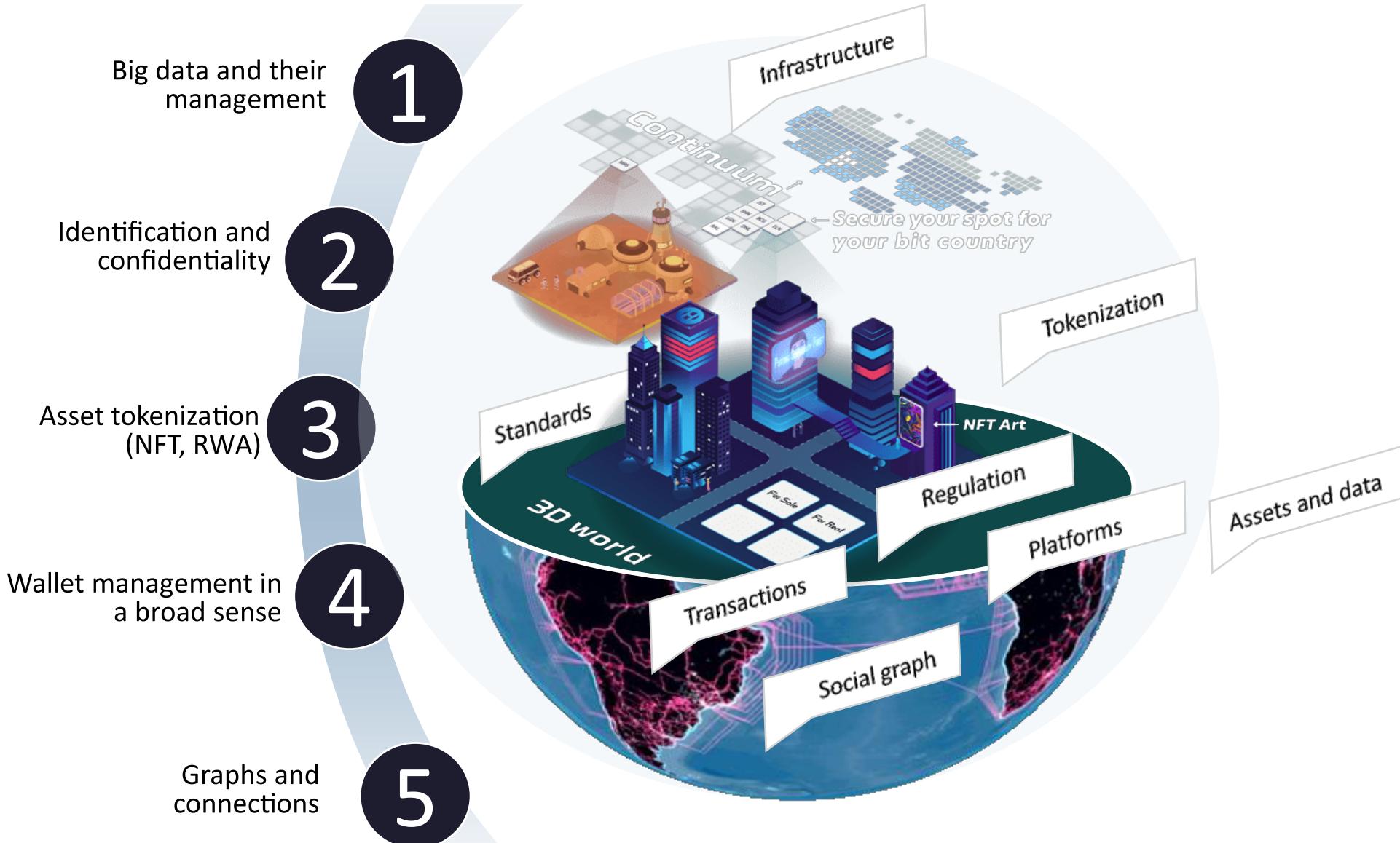


**Whitelabel tools**  
Including mobile wallet apps, APIs, dashboards

**Security**  
Absolute security against attack vectors

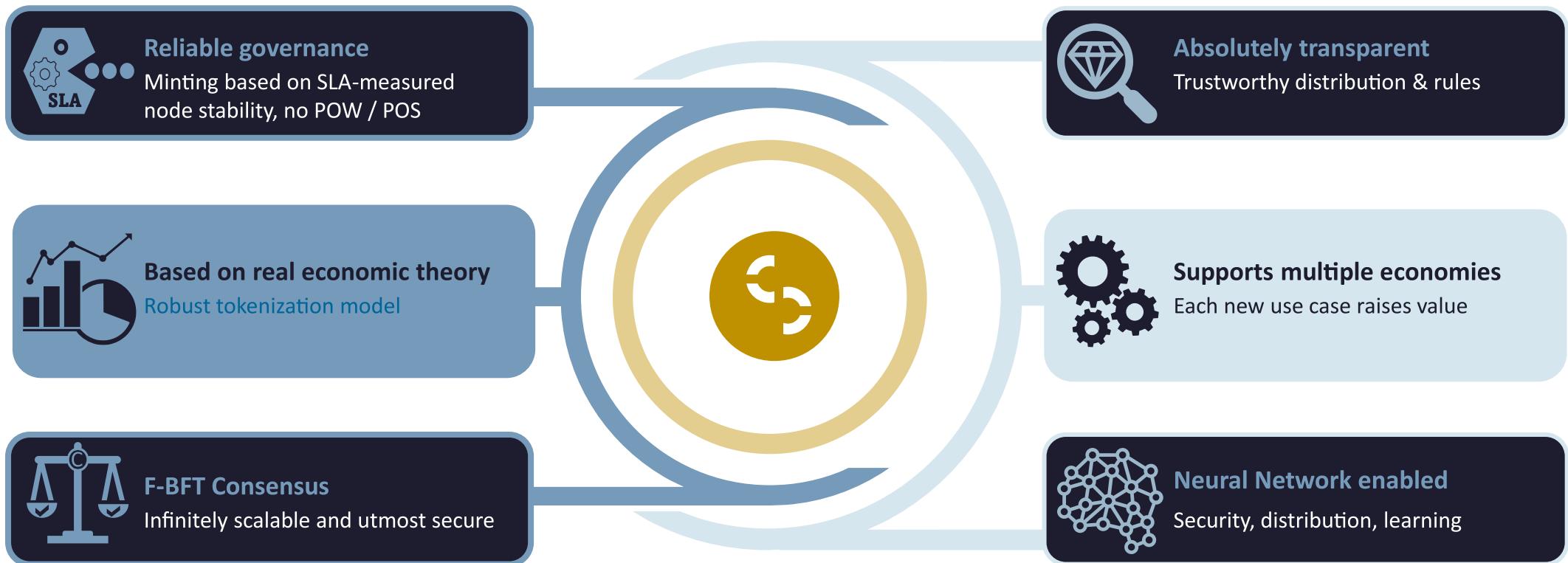


**Volatility free**  
Independent value from core native coin



While Stitchia main focus is on tokenization, Metaverse solutions will be developed with a partner using the Stitchia Network.

The Stitchia Coin(STITC) is the native coin of Stitchia Protocol & Network. Stitchia Network is organized into clusters (ecosystems), each a distinct economy, sharing STITC as their one common currency.



Stitchia economy will utilize the decentralized token with the best governance system behind it.

# Hashgraph Architecture Proposal

