



Blockchain Overlay Network

Multi-Chain Ecosystem

The beginnings
2009-2017



New Platforms
2017-2020



Multi-Chain
2021 – future



Problem: Fragmentation

Applications



Assets



Users

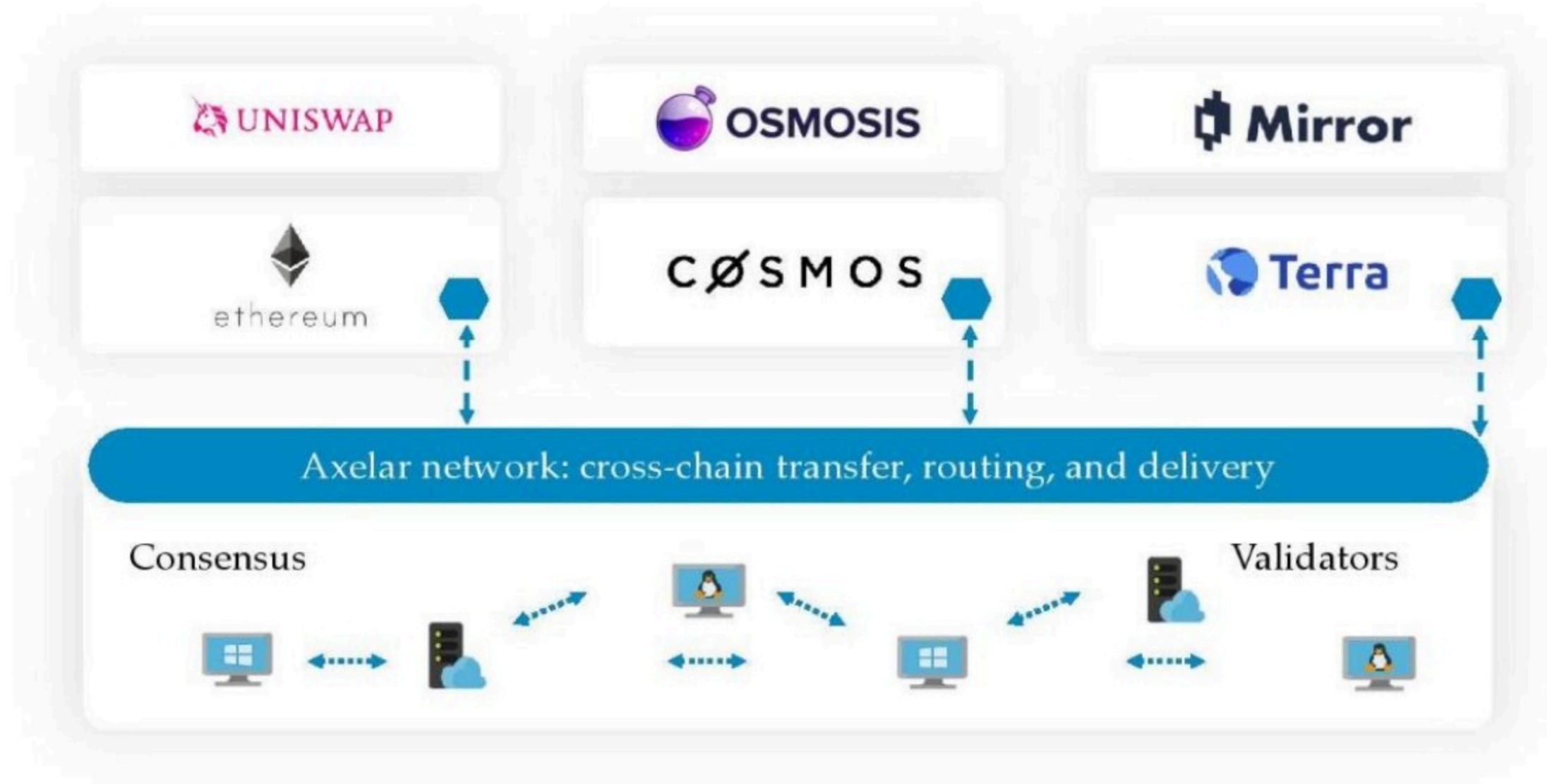


Can we allow all users to simply and securely use any asset in any application on any platform?



Axelar Network

Connects users, assets, and dApps across all blockchain ecosystems



Advantages



For platform builders

- ✓ No integration effort
- ✓ Universal connector



For dApps developers

- ✓ Build on the best platform
- ✓ Global liquidity



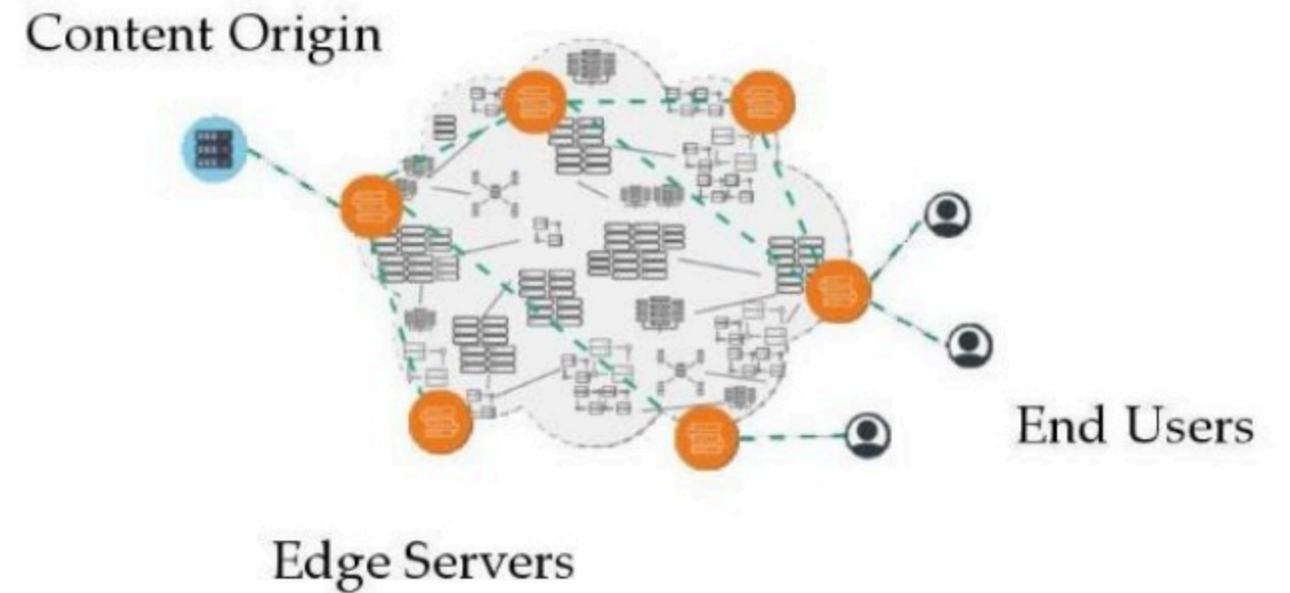
For users

- ✓ Access dApps from wallet
- ✓ Open participation



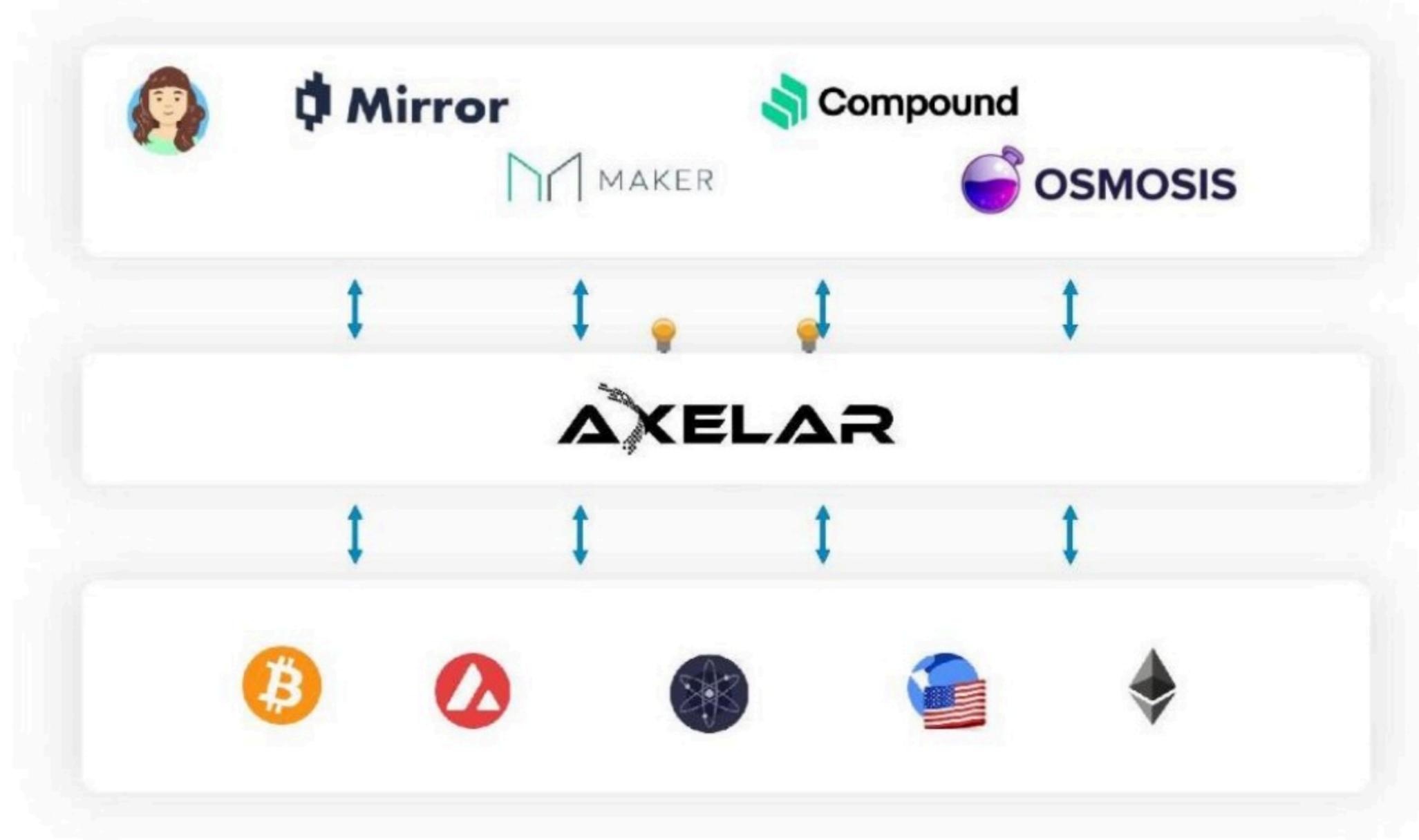
Analogy

Axelar will route assets, transactions, and state across blockchains



Use-Case 1: Unlocking Liquidity

Imagine over \$2 Trillion of assets could frictionlessly participate in DeFi



Use-Case 2: Universal Wallet

Imagine all users could directly access any dApp from their wallets



Our Team



Sergey Gorbunov



Georgios Vlachos



Christian Gorenflo



Gus Gutoski



Stelios Daveas



João Sousa



Kate Stapleton



Sammu Liu



Jackson Virgo



Haiyi Zhong



Michael De Luca



Jacky Yuan



Milap Sheth



Nav Pannu



Canh Trinh



Wil Collins

Team



Approach & Tech Stack



3-Phase Approach

Step 1: Make it easy to setup connections across chains

Today

Step 2: Make it easy to integrate with dapps

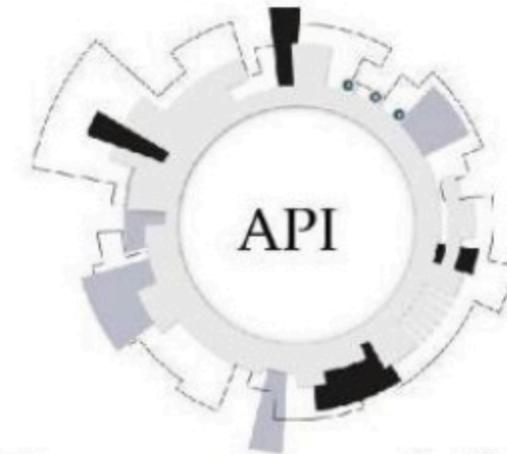
Step 3: Make it easy to build app-level interop protocols



Key Ingredients



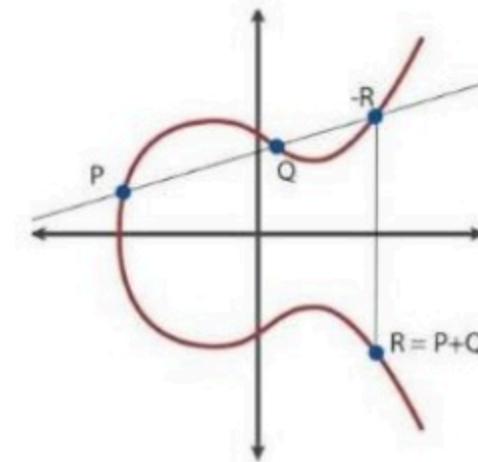
Consensus



Programmability



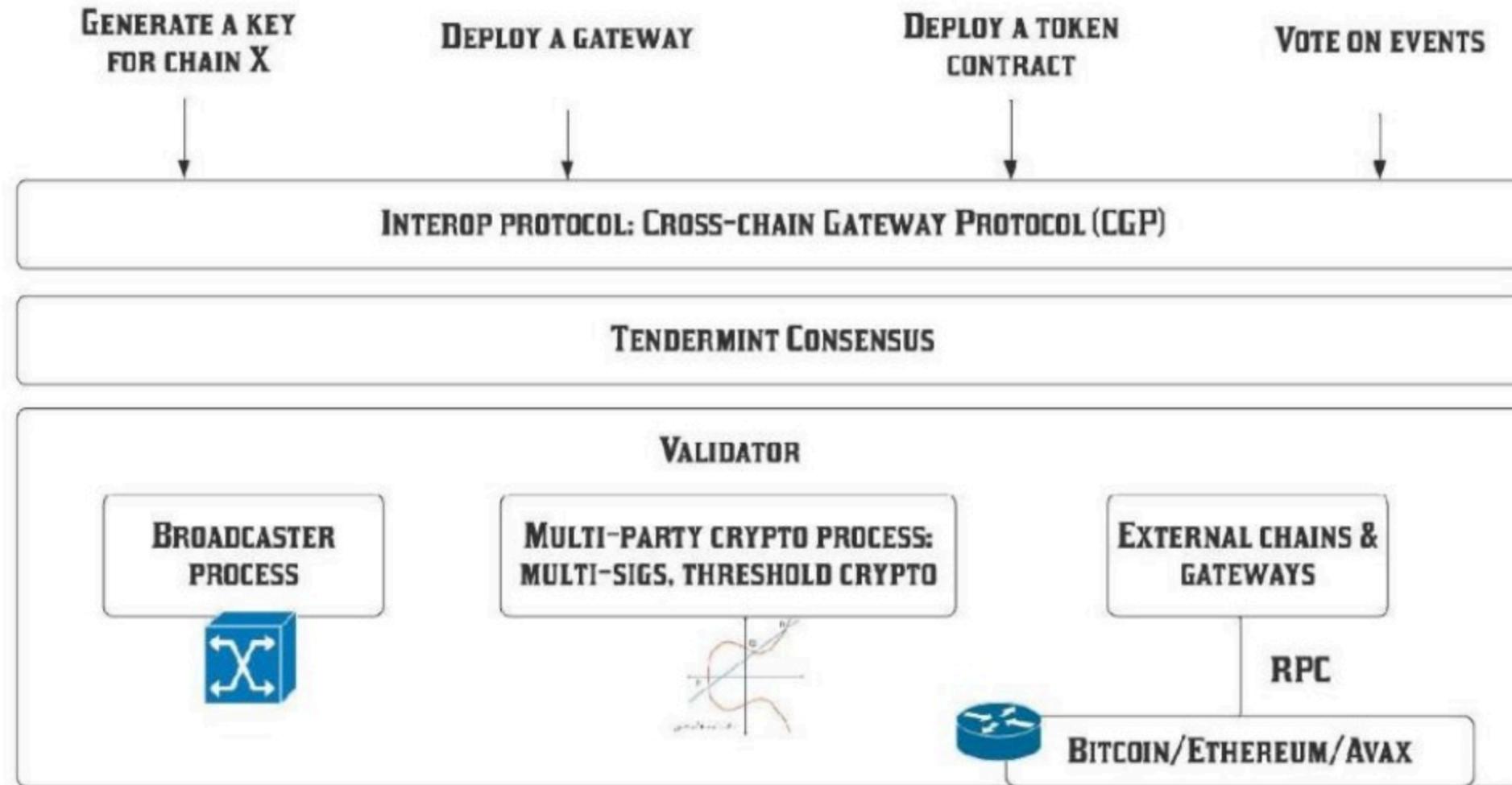
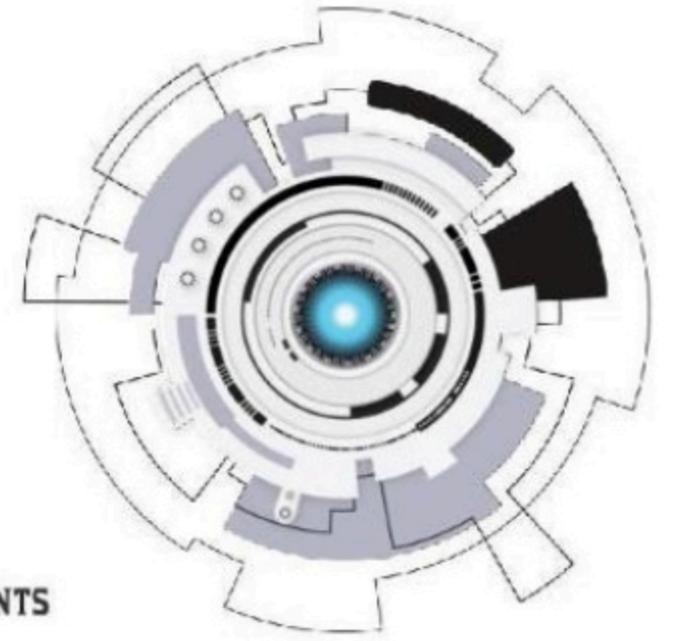
Finality gadgets



Multi-party crypto



System Components



Network Functions

1. Record external gateway addresses
2. Managed keys and validator sets of external gateways
3. Authorize transactions on gateway contracts [write requests]
4. Confirm cross-chain requests [read requests] [transfer from X to Y]

