



## Competitor Analysis

### Protocol Comparison

Our Core Functionalities	Definition	Polygon	Polkadot	Cosmos	Quant	LayerZero	Chainlink	Qredo	Axelar	Coinweb
Description		Tokenisation / scaling	Multi-chain Ecosystem Platform	Multi-chain Ecosystem Platform	Enterprise Cross-chain API	Multisig API Interoperability Bridging Protocol	Oracle / Interoperability Protocol	Cross-chain Interoperability Protocol	Cross-chain Interoperability Protocol	Cross-chain Computation Platform
Additional Consensus Layer	Cross-chain operations require voting or mining	✓	✓	✓	N/A	✓	✓	✓	✓	✗
Blockchain Agnostic dApps and tokens	Same tokens and smart contracts can run on incompatible chains	✗	✗	✗	N/A	✗	✗	✗	✗	✓
Aggregated liveness guarantee	Application liveness does not depend on single blockchain	✗	✗	✗	✓	✗	✗	✗	✗	✓
Application-specific blockchain framework	A compatible blockchain template that can be customized	✗	✓	✓	✗	✗	✗	✗	✗	✗
Cross-chain	Connecting incompatible chains	✗	✗	✗	✓	✓	✓	✓	✓	✓
Consistent cross-chain operations	Transaction state can not be stuck in interchain layer	✗	✗	✗	✗	✗	✗	✗	✗	✓
Future proof	Add any new third party chain	✗	✗	✗	✓	✓	✓	✗	✓	✓
Dedicated blockchain	Requires own blockchain to operate	✓	✓	✓	✗	✗	✗	✓	✓	✗
Requires chains to be compatible	Works only between compatible chains	✓	✓	✓	✗	✗	✗	✓	✗	✗
Parallel execution of smart contracts	Horizontally scaling execution environment	✓	✗	✗	✓	✗	✓	✗	✗	✓
Scale existing blockchains	Scaling existing blockchains	✓	✗	✗	✗	✗	✓	✗	✗	✓
Direct L1 Settlement	Can write to Layer 1 blockchains	✓	✓	✓	✓	✓	✗	✓	✓	✗
Reactive Smart Contracts	Autonomous/Continuous monitoring of blockchains	✓	✗	✓	✗	✗	✓	✗	✓	✓
Programmable signature support	Different signature schemes can be programmed as smart contracts	✗	✗	✗	✗	✗	✗	✗	✗	Smart Contract

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Uniform deployment and development	Common toolchains and programming languages	✗	✗	✓	✓	✗	✗	✗	✗	✓
SDK's / API's		✓	✓	✓	✓	✗	✓	✓	✓	✓
Marketplace		✓	✓	✓	✗	✗	✗	✗	✗	✓
Custodial solution		✗	✗	✗	✗	✗	✗	✓	✗	✗
Customisable Managed Wallets		✗	✗	✗	✗	✗	✗	✗	✗	✓
Cross-chain tokenisation	Same token on incompatible chains	✗	✗	✗	✓	✗	✗	✗	✗	✓

