

Decentralized Cloud

Convergence of innovations in distributed compute/storage and standardization in 5G and M2M protocols are key enablers for Edge Computing solutions trying to meet the explosion in demand for increased bidirectional traffic with ultralow latency ask!!

The emergence of ChatGPT and other Generative AI providers is going to further accelerate adoption of 'Decentralized Cloud' architectures by enterprises looking to untether from the high cost, monolithic and grossly inefficient centralized cloud applications.

However every silver lining comes with a dark cloud!! Data security and privacy compliance frameworks would need to account for

- The larger attack surface of networks built on third party hardware/software and cloud components.
- Increasingly sophisticated end point equipment (IOT devices and user equipment)
- Malicious /form changing bots built in near real time on ubiquitous AGI

Rubix with Decentralized ID and cryptography enabled zero trust model at the core can help our partner design next generation, cost efficient, performance enhancing decentralized cloud solutions for their enterprise customers.



About Rubix

Rubix with Decentralized ID (DiD) at the core is designed to solve the vexatious block chain Trilemma(Scalability, Security and decentralization) in the most cost efficient, flexible and easy to implement manner. This enables enterprises and application providers to build faster-to-market, tokenized, broad spectrum collaboration use cases on Rubix which makes available all necessary tools in a single stack viz.

- DiDs,
- Settlement
- Smart contracts,
- Fungible tokens and Non fungible tokens
- Self-Custody wallet SDK for integration Web2 mobile app

Rubix public chain brings best of both public & permissioned chains

- Rubix chain's native subnet architecture means enterprises can offer tokenized solutions without losing privacy & security while being able to gain from the tokenization & interoperability that comes with the public chain architecture. For example, an enterprise can run its own subnet with a chosen set of validators to meet the privacy, scale & security requirements.
- 2. Low costs. Most transactions on Rubix Chain can be done without gas fees, leading to significant cost savings. Further, enterprises can convert most of the existing infrastructure into block chain nodes, leading to minimal additional infrastructure costs.
- 3. Tamperproof data integrity and immutability of ledgers further buttressed by post quantum secure cryptography.
- 4. Native DID support. Only L1 public chain that has Decentralized Identity (DID) at the base. Building Identity & KYC solutions is easy & scalable with Rubix chain.
- 5. Parallelism: Native subnet & object oriented architecture means ability to achieve significant scalability with high partitional tolerance.