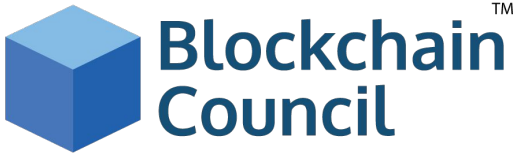
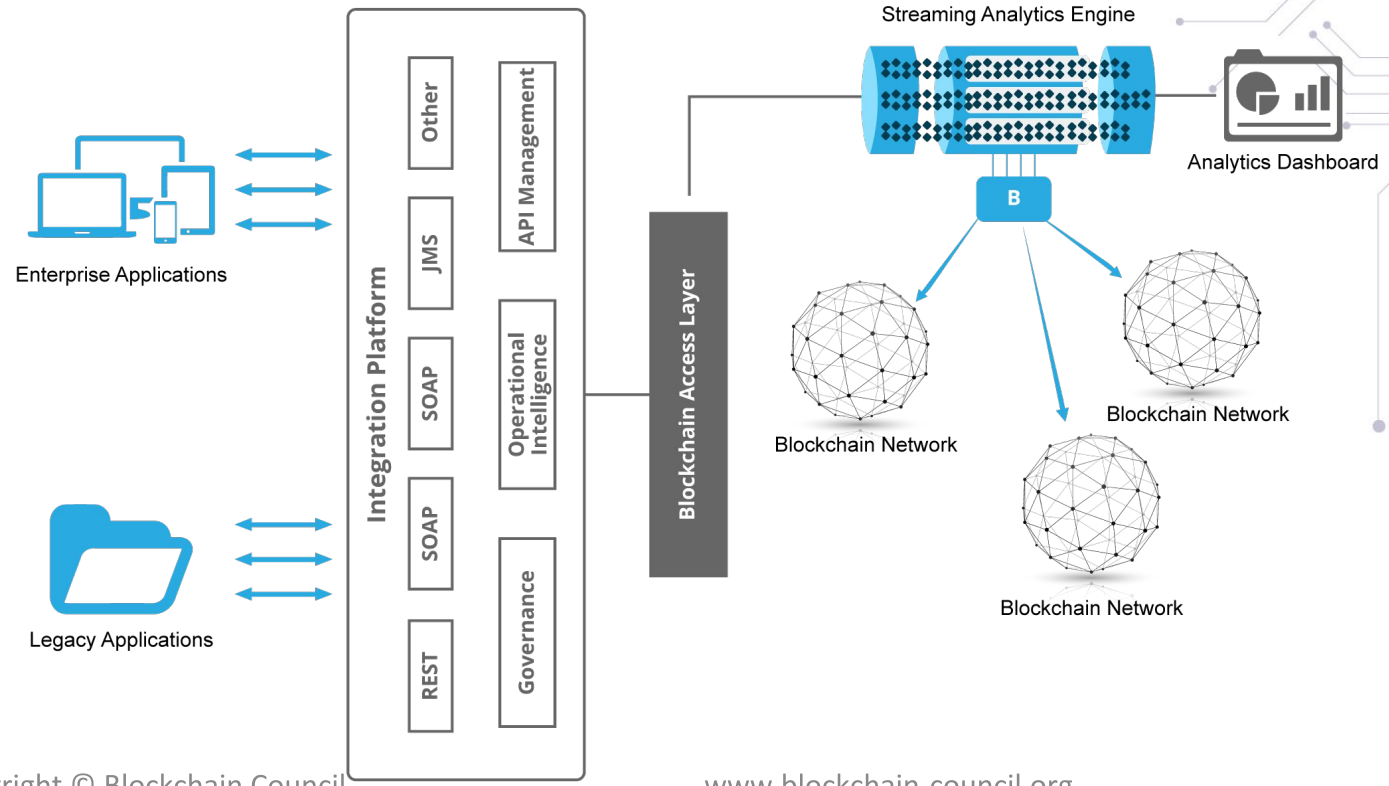


Certified Blockchain Architect

Blockchain Functional Architecture

Blockchain Architecture



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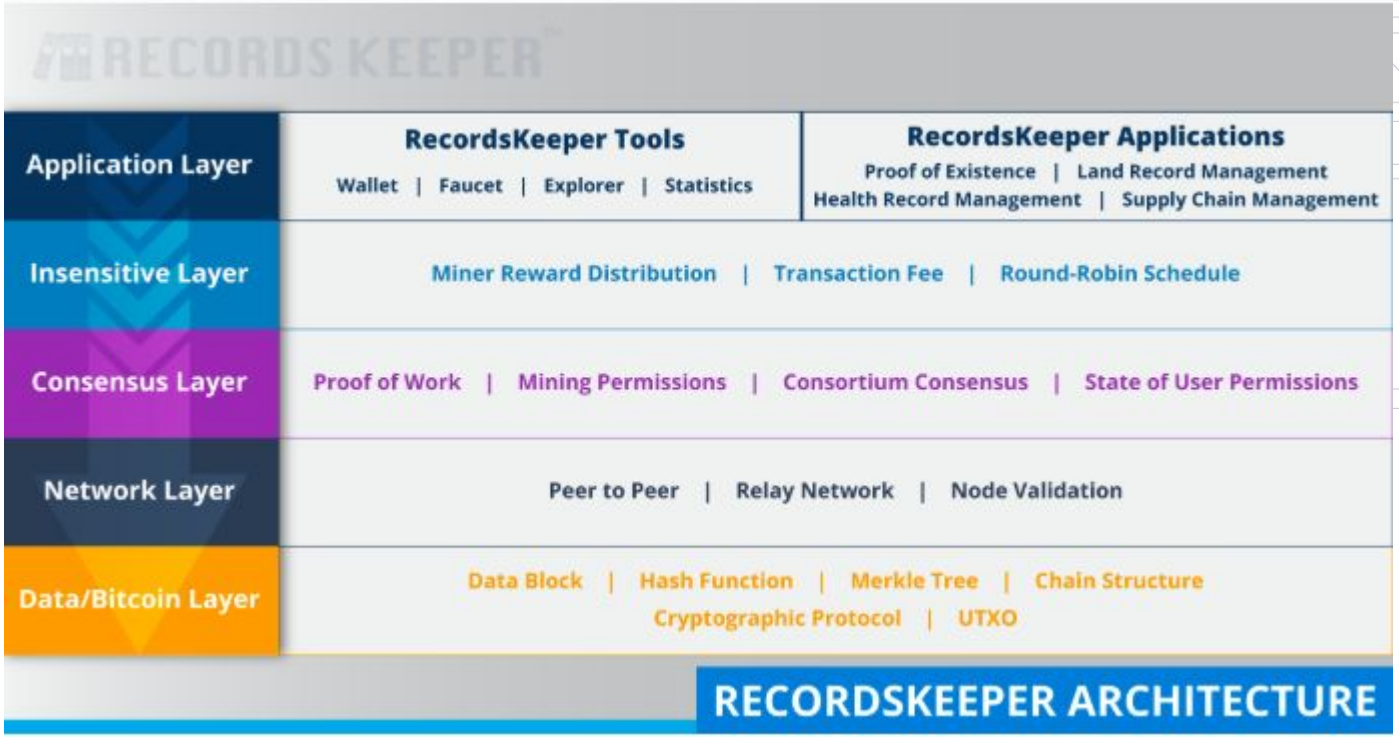
RecordsKeeper Blockchain Architecture



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Sample Blockchain Architecture

- Data/Bitcoin Layer- It's the base layer where all the cryptographic algorithms & protocols are present. It consist of the following data blocks, hash functions, Merkle tree, chain structure, cryptographic protocol, UTXO
- Network layer - It consist of peer-to-peer connections and also validates relay network and node validation.
- Consensus layer - it consist of all mechanisms such as the POW, POS, DPOS etc and it also consist of the user and mining permissions.
- Insensitive Layer- This layer do not have direct impact on blockchain, but it builds up an ecosystem for the blockchain, and is responsible for miner reward distribution and transaction fees.
- Application Layer- It is front end layer for the user, which helps them to interact with the blockchain.

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THANK YOU!

Any questions?

You can mail us at

hello@blockchain-council.org

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