



CHOCOIN Technology Preview

CHOCOIN is the first cryptocurrency constructed for an offline payment system.



What is CHOC IN?

CHOCOIN is the virtual currency for the next generation multi-functional blockchain payment system.

Why we use it

For instance, We can use CHOCOIN:

- **Reduce existing operating costs of banks or other financial institutions.**
Maintaining a payment system which is more efficient and safer while experiencing less cost than before.
 - **Improve people's daily payment experience.**
Enjoying the convenient and smart payment experience in one's daily life.
 - **Multiple financial usages such as smart digital approval & letter of credit.**
Being used as a financial tool in international trade to save more cost and time than traditional way.
 - **Utilize hosting platform to launch your own ICO.**
Roll out your own digital currency in seconds, simply by clicking your mouse.
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How

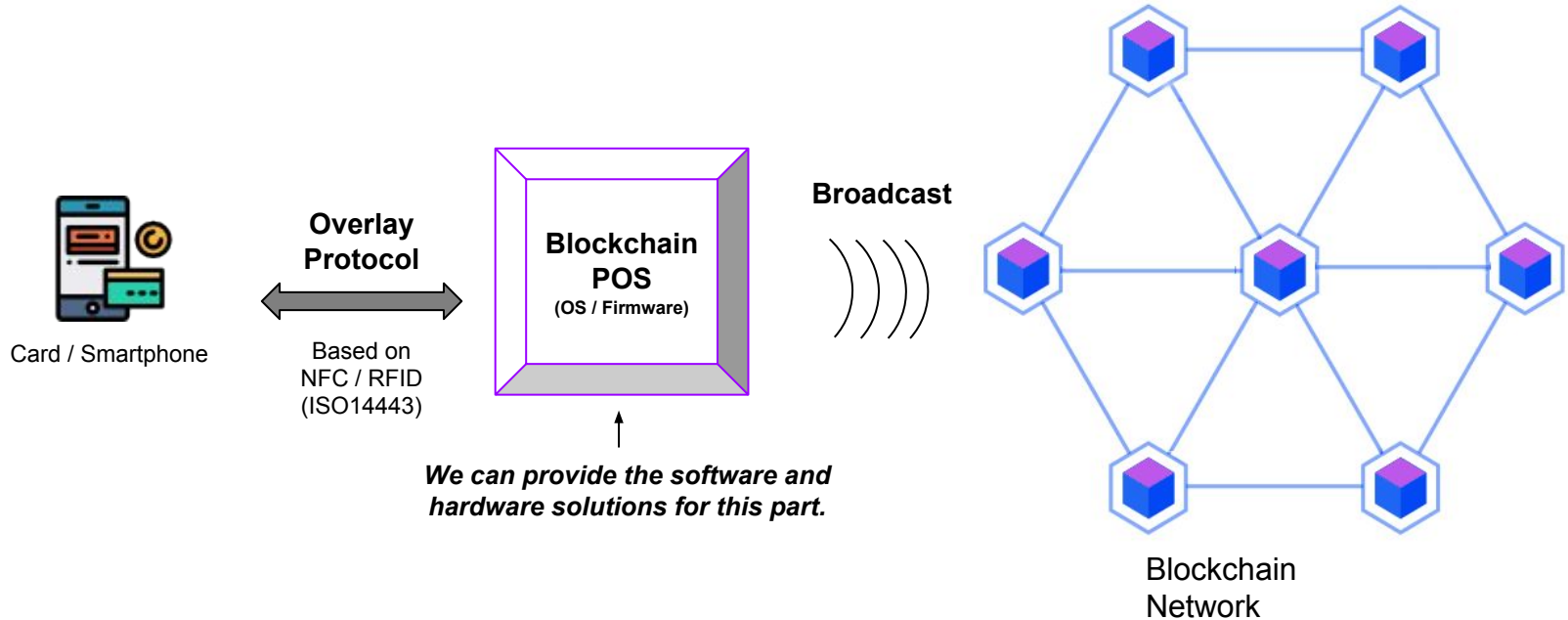
CHOCOIN

Technology Point

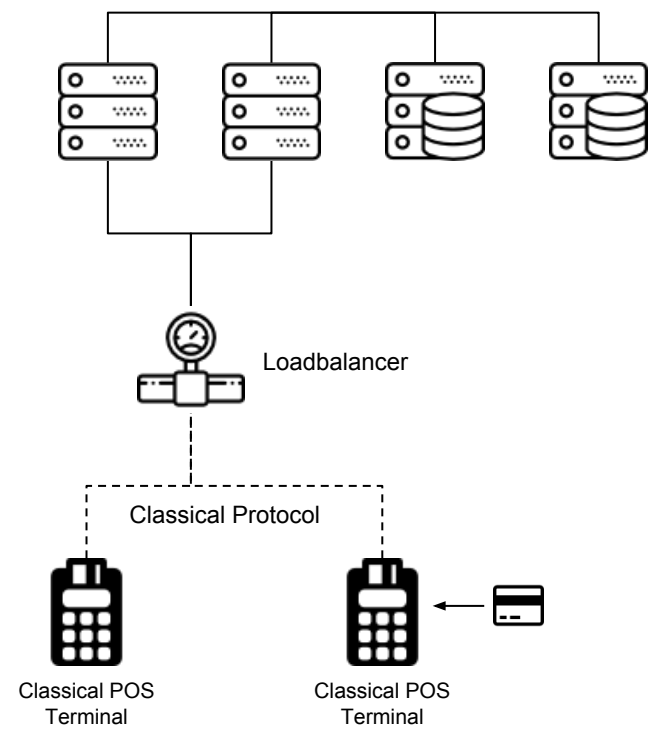
- NFC Casting
- Lightweight Smart Contract
- Burst Node
- Complete Financial Eco-system

NFC Casting

We have discovered a new possibility between RFID / NFC and Blockchain.

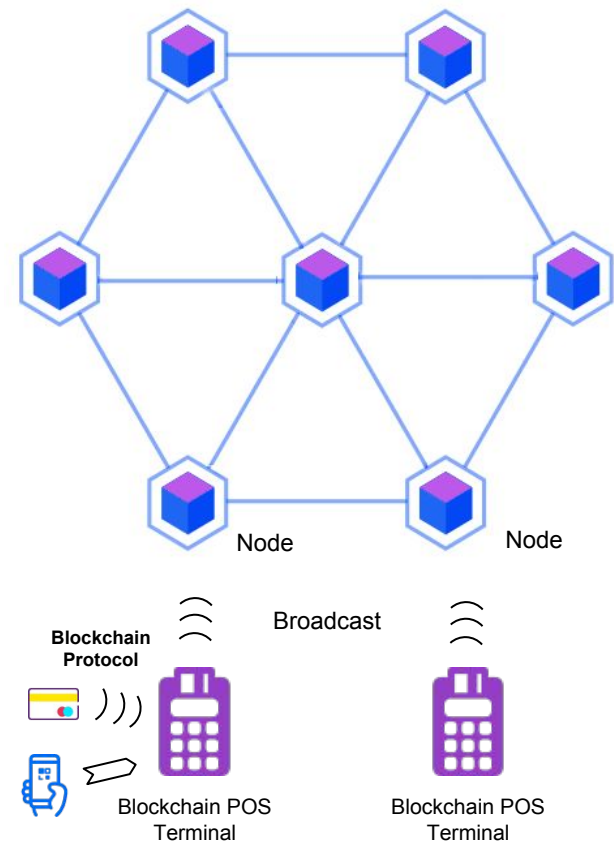


Traditional Payment System

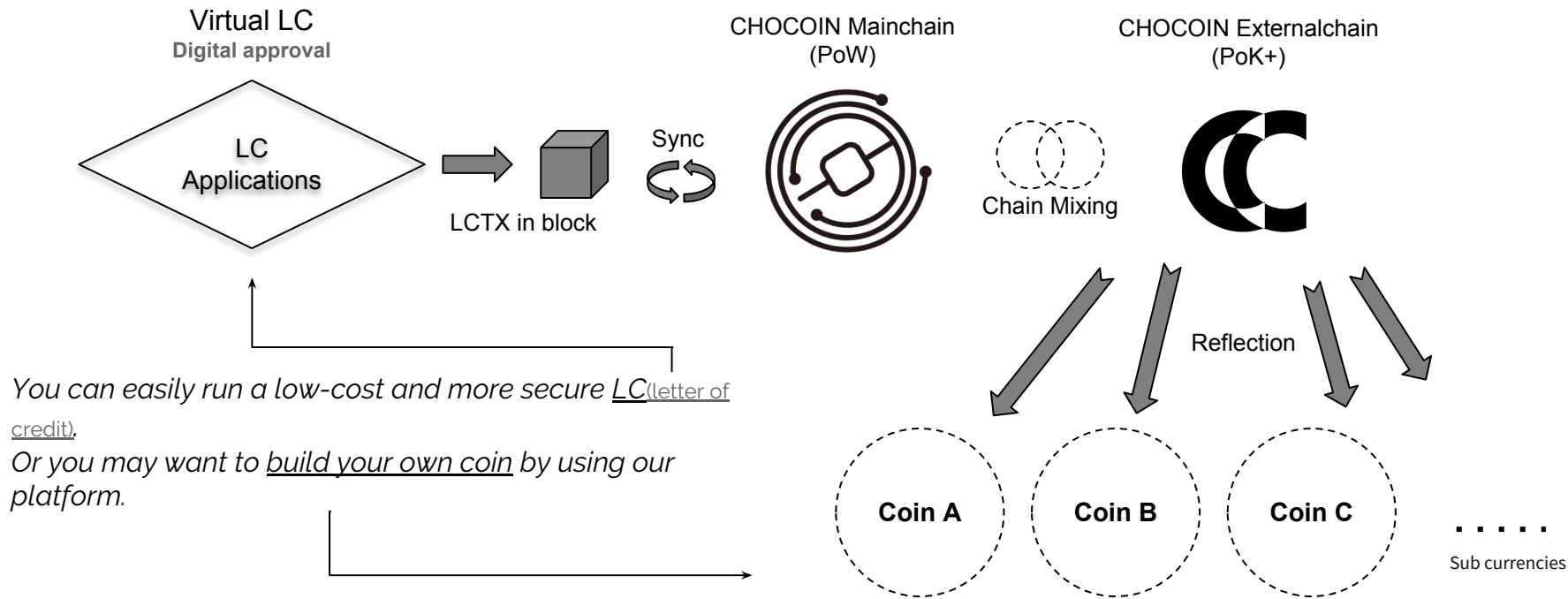


Will be replaced by
More effient
More secure
Less cost





Blockchain Payment System



Efficient Smart Contracts



Burst Node

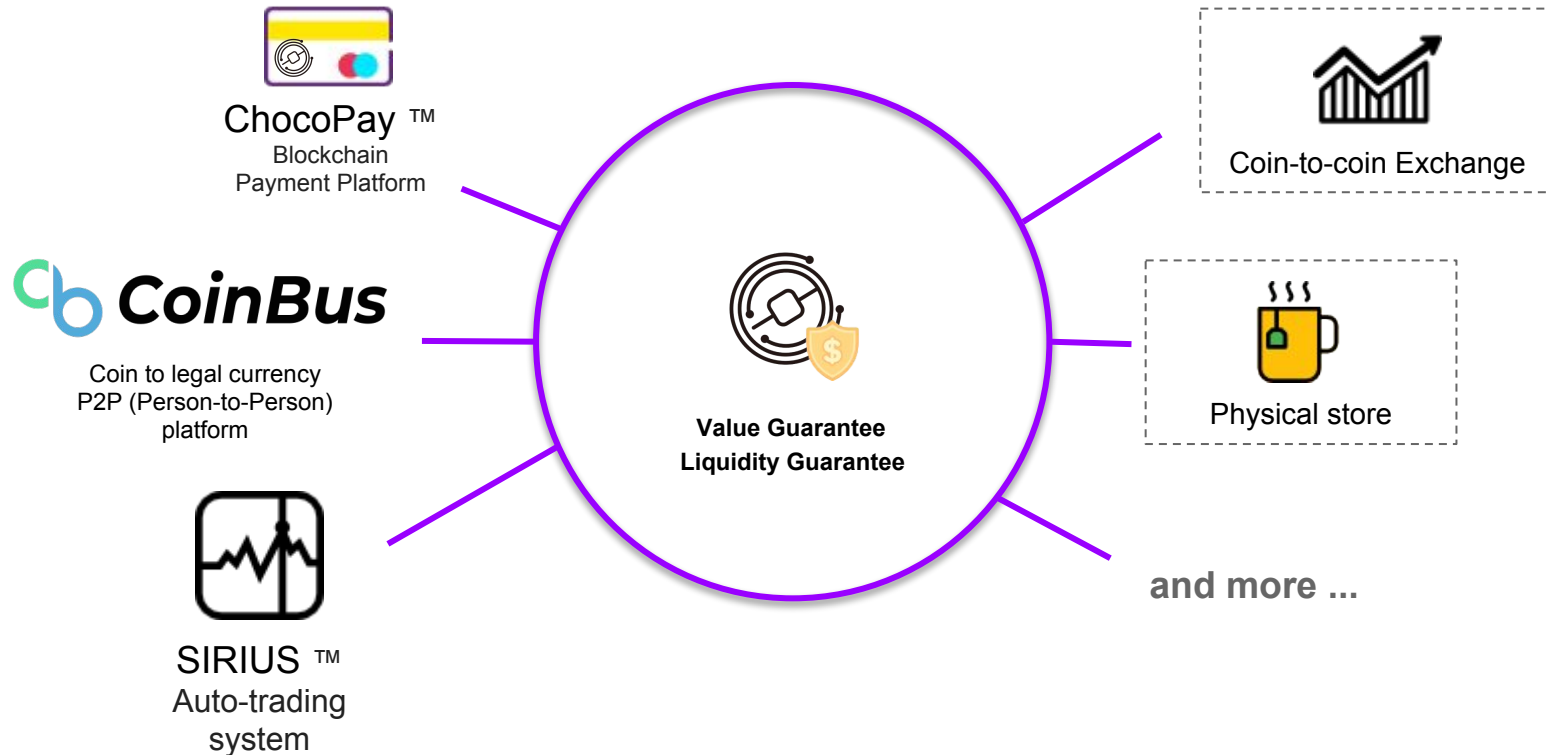
	CHOCOIN Mainchain (PoW)	CHOCOIN Externalchain (PoK+)	Bitcoin (PoW)	Ethereum (PoW / PoS)
				
Max Block Size	4MB	N/A	1MB	N/A
Block Time	about 5s	about 5s	about 600s	about 12s
Estimate tps <small>suppose 0.226 KB / tx</small>	average 3624 tx/s	average 9061 tx/s <small>2 MBps Bandwidth</small> average 45309 tx/s <small>10 MBps Bandwidth</small>	* average 7 tx/s	average 15 tx/s

By tuning and reconstructing the logic part of consensus, CHOCOIN can be **500x** faster than Bitcoin.

* Calculating method example: $\text{Bitcoin } 1 * 1024 / 0.226 / 600 = 7.551622418879056$

* The values above are all theoretical values.

Complete Financial Eco-system



Thanks