

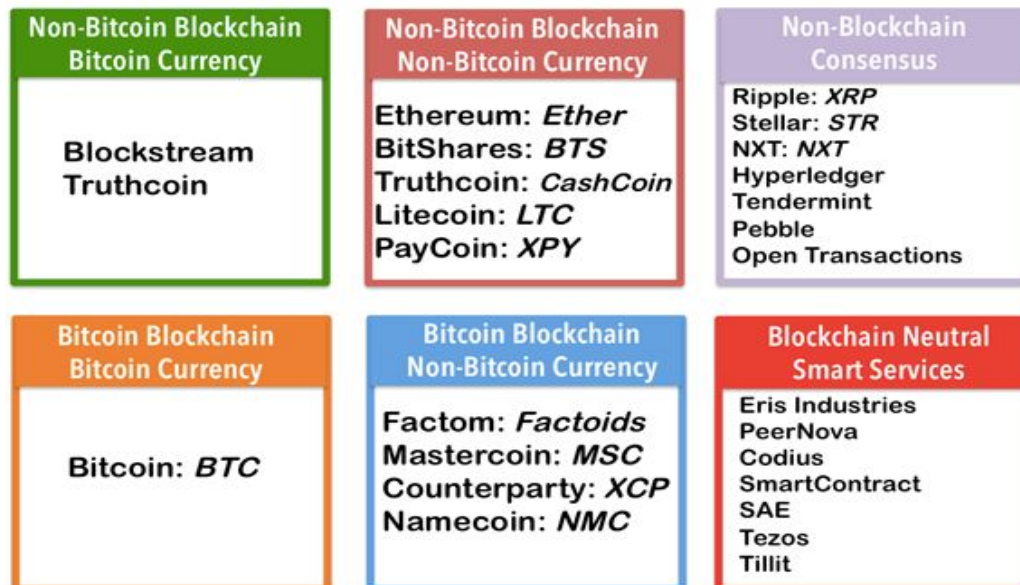


Use case discussion

There are six various permutations that I'm seeing in this emerging landscape:

1. **Bitcoin currency + bitcoin blockchain:** [Bitcoin](#). Yes, that's the only one there, as it's the reference point.
2. **Bitcoin currency + non-bitcoin blockchain:** [Blockstream](#), [Truthcoin](#). Side chains are used, and they are "pegged" the main bitcoin blockchain via various schemes.
3. **Non-bitcoin currency + bitcoin blockchain:** [Factom](#), [Mastercoin](#), [Counterparty](#), [Namecoin](#). In this case, the bitcoin blockchain is used, but a native currency fuels the operations of that other platform.
4. **Non-bitcoin currency + non-bitcoin blockchain:** [Ethereum](#), [BitShares](#), [Truthcoin](#), [Litecoin](#), [PayCoin](#). This segment represents the ultimate in "bitcoin independence."
5. **Non-blockchain consensus:** [Ripple](#), [Stellar](#), [NXT](#), [Hyperledger](#), [Tendermint](#), [Pebble](#), [Open Transactions](#). These platforms implement decentralized consensus and decentralized trust without a blockchain construct as its nucleus.
6. **Blockchain-neutral smart services:** [Eris Industries](#), [PeerNova](#), [Codius](#), [SmartContract](#), [SAE](#), [Tezos](#), [Tillit](#). This category will probably need to be divided further, as it is still developing, but it includes a mix of decentralized platforms and interesting smart contract services.

Crypto-Tech Platforms, Programs and Protocols



Great excerpt from a Deloitte publication on Blockchain:

<https://drive.google.com/open?id=0B4YD9R9LC18vR3F1SUd1MXNNcGM>

PDF by the SCET on Blockchain that contains quite a few use cases/verticles:

<http://scet.berkeley.edu/wp-content/uploads/BlockchainPaper.pdf>

Use Cases and Industry

- <https://medium.com/@justmoon/the-subtle-tyranny-of-blockchain-91d98b8a3a65#.qaix29vs1>
- <https://chainsmiths.com>
- <http://www.ursium.com>
- <https://lightrains.com/consulting/blockchain-consulting>
- <https://www.sldx.com/blockchain>

Hyperledger:

- <https://github.com/IBM-Blockchain/learn-chaincode>
- <http://www.the-blockchain.com/docs/Hyperledger%20Whitepaper.pdf>
- <https://hyperledger-fabric.readthedocs.io/en/latest/>
- <https://www.hyperledger.org/industries>

IoT:

- https://dupress.deloitte.com/content/dam/dup-us-en/articles/tech-trends-introduction/DUP_TechTrends2016.pdf
- <http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?subtype=ST&infotype=SA&htmlfid=WW912345USEN&attachment=WW912345USEN.PDF>
- <http://www.tilepay.org/>
- <https://21.co/mkt/>
- <http://www.chainofthings.com/>
- <http://www.coindesk.com/ibm-reveals-proof-concept-blockchain-powered-internet-things/>

Healthcare:

- <https://www.hhs.gov/about/news/2016/08/29/onc-announces-blockchain-challenge-winners.html>

Supply chain:

- <https://www.provenance.org/about>
- <https://letstalkpayments.com/blockchain-technology-in-supply-chain-and-logistics/>
- <http://powerledger.io>

- http://research.ark-invest.com/hubfs/1_Download_Files_ARK-Invest/White_Papers/ARKInvest_and_GEM_Blockchain_EHR.pdf

