

	MILE	USDT	TrueUSD	Circle	Basis
Product stage	Working Blockchain and wallets	Working product and wallets	Working product	Working	White Paper (Beta)
Legal status	Like BTC, medium of payment. Lower risk, because of: 1. No issuer, no author 2. No ICO, no securities 3. Nobody to catch in physical world Easy to provide legal opinion in Switzerland, US, Japan, S.Korea and other countries. It's a payment medium, like Bitcoin.	Not defined High risk, because of: 1. Single responsible legal entity 2. Potential regulatory issues 3. Censorship and/or physical pressure at the owners	Deposit & safekeeping receipts High risk, because of: 1. Single responsible legal entity 2. Potential regulatory issues 3. Censorship and/or physical pressure at the owners	Internal token for the exchange app. High risk, because of: 1. Single responsible legal entity 2. Potential regulatory issues 3. Censorship and/or physical pressure at the owners	SAFT High risk, because of: 1. Single responsible legal entity 2. Potential regulatory issues 3. Censorship and/or physical pressure at the owners
Censorship	Zero	Full	Full	Full	Full
Decentralization of ownership and decision making	Total, like Bitcoin. 10 000 nodes of public blockchain spread across the world. No single authority, public consensus. No issuer.	Zero Centralized issuer. Closed emission algorithm.	Zero Founding team is manually approves the banks that will perform the escrow function. Banks performing the KYC/AML check and can block the payments.	Zero Centralized issuer. Closed emission algorithm.	Zero. Central token issuer. Central arbitrage management. Central data feed for the exchange rates for the unspecified amount of time.
Technology	stake distributed Byzantine Fault Tolerant (sdBFT) consensus, ECSDA Digital Signature algorithm (used in BTC), Ed25519 scheme (faster than BTC), SHA-3 hashing algorithm (faster than BTC), Unique random number generator (more secure than BTC)	Omni (BTC Sidechain App)	ERC20 (Ethereum token)	ERC20 (Ethereum token)	Nothing is described in the Whitepaper Beta.
Transaction fee to be signed in 1 block	0 for XDR	0 between Omni wallets Otherwise same as BTC transaction (up to 25USD)	0.2—1 USD, depending on Ethereum network and Gas Price	0 between Circle wallets 0.2—1 USD for external ETH wallets depending on ETH network and Gas Price	Not described in the Whitepaper Beta.
Block time	Fast: 20 sec	Slow 10 mins	Fast 20 sec	Fast 20 sec	Not described.
Transactions/sec	High: 10'000 tx/sec	Low: Omni Layer blog reports about 100 000 tx/month, 9000 tx/day, 7 tx/min, less that 1 tx/sec	Low: 15 tx/sec	Low: 15 tx/sec	Not described.
51% attack	Will cost at least 750M USD: hacker will have to buy 5001 node for 140k USD each.	Will cost a few billions of USD, because Omni is based on BTC	Will cost a few billions of USD, because TrueUSD is based on ETH	Will cost a few billions of USD, because Circle is based on ETH	Not described.
DDoS attack	10 000 nodes, sdBFT allows to keep the network alive even at 10% of working nodes. Dynamic name system to increase the hackers efforts on creating the list of all nodes' IP-addresses. Intelligent traffic analysis (example: https://netscout.com/arbor).	Reliable, like in BTC	Reliable, like in ETH	Not described.	Not described.
Blockchain nodes incentives	8-13% in stable coins, which is quite high interest rate for any investor, so the 1B XDRs will be used only for installing a nodes.	No payments for mining this token.	No payments for mining this token.	No payments for mining this token.	Not described.
Software updates	Via nodes voting, stake proportional. Node stake is limited to 0.01% of total voting power.	Centralized software updates	Centralized software updates	Centralized software updates	Not described.
Price stability algorithm	Decentralized, real economy oriented. When the real deals volume is bigger than exchange trading, there's no sense in dumping the exchange rate, because there will be millions of real users, that will immediately arbitrage the difference by themselves, because they're used to "buy coffee" for it. Already signed a contracts with intergovernmental organizations about building an international trading markets with 50B+ USD daily volume.	Centralized Users are relying for the central agent to store their fiat USD.	Centralized Users are relying for the central agent to store their fiat USD.	Centralized Users are relying for the central agent to store their fiat USD.	Centralized, speculation oriented. Citation: "The Basecoin protocol works by incentivizing speculators to keep our stable coin pegged to a dollar. In the first few years of network launch, before speculators have fully integrated in our ecosystem, the funds raised in pre-sale and ICO will be used to keep the token stable".
Internal currency exchange rates	Decentralized: 10 000 master-nodes will vote for the exchange rate. Social consensus: if nodes will provide inadequate rates, people will not use the system. Nodes are interested to involve more users and provide the best service, because nodes' income is in XDRs.	Centralized, fixed manually.	Centralized, fixed manually.	Centralized, fixed manually.	Centralized: will start from trusted data-feed, then delegated to the big token holders. No roadmap with dates provided in the Whitepaper Beta.
Index used	XDR (International Monetary Fund index), has grown to USD 10% in 37 years.	USD	USD	USD	USD
Limitations		Tether.to wallet customers are limited to 1 withdrawal per day. Current countries with limited functionality: Afghanistan, Bosnia and Herzegovina, Democratic People's Republic of Korea, Ethiopia, Iran, Iraq, Lao People's Democratic Republic, Syrian Arab Republic, Uganda, Vanuatu, Yemen. Current U.S. states with limited functionality: New York, Washington.	In order to purchase TUSD or redeem TUSD through their web application, current BSA/AML regulation requires that you provide your name, Tax ID, address, Date of Birth, Government ID card, and Address Verification (if your country is not in the US).	In order to purchase Circle or redeem Circle through their application, current BSA/AML regulation requires that you provide your name, Tax ID, address, Date of Birth, Government ID card, and Address Verification (if your country is not in the US).	Not described