

What is required	Details	Corda (in theory)	Other references
High-performance & low latency	Speed of min. 100K TPS; take into account bandwidth used	unknown	some other models implemented had peak of 24K (avg. of 12K); bitcoin has around 3TPS; bigchain has 1M TPS (but flawed for the financial industry); visa has a peak of 56K; ripple has 1K
Efficiency, costs	implementation, onboarding, aftermath	depends on hardware needed to run on - upgrades necessary?	
Security, privacy	hidden transaction info, IP obfuscation (tor), public key mapping-avoidance, avoid info leakage, how are mistakes corrected (dispute resolution)?	need to look into the Tor methodology for privacy enhancement; know-what-you-need ideology	most BC systems implement "everyone has the same ledger" replication system
Compliance	monitoring mechanism, AML, KYC and ATF controls	unknown about ATF, yes to others	most don't have a monitoring mechanism
Reliability, persistence	to replace Clearing Houses (which are SIPS), it needs to be VERY reliable	unknown	
Scalability	How many nodes, clients, branches, banks? How does performance degrade with client addition?	unknown	Considering we're looking at a bank consortium, it is easy to start with a few and then extend to more banks as the system grows in reputation.
Usability, reputation, marketing	Trusted? Can non-tech people use it?	cannot be tested by me	Bitcoin apps are hard to implement; Cordapps are supposed to be easier - TBD
Timestamping facilities		Yes, a lot to discuss about this in Corda	

Network types	P2P vs. high-speed networks	P2P, semi-private	
Digital currency?	fiat money? Cryptocurrency? Both? Securities tokens? Other assets - how are they represented?	no cryptocurrency it is based on; financial constructs are represented by OwnableStates, FungibleAssets and Obligations	most other systems have a cryptocurrency they're based on (BitShares, Ripple); Hyperledger does not.
Processing	Sequential/Parallel voting? Voting on what (transaction/block)	no blocks so voting on transaction; sequential?	
Block creation (or alternative)	Who? How? Authority?	no.	
Voting failure handling?	Reputation systems? Trusted nodes?	need to document	
Wallets and components	Mixed assets? Creation of assets done how? Who gets a wallet and what does the wallet have?	need to see what can be done with wallets; debate about who has the wallet (just like who is a node)	
Fee incorporation/retrieval?		unknown	
Locking and double spending prevention?		unknown	
Consensus protocols	(P)BFT, Raft?	BFT, RAFT, but pluggable	most BC use mining; others use the BFT and HL uses PBFT
Oracles?		Yes	Unique to Corda - general knowledge node.
Membership, permissioning?		Yes	