

Blockchain Technology Architecture Design Patterns and Mechanisms Mapping Reference Matrix

	Auto-Scaling Nodes	Block Singleton	Block Size Update	Block Validation Consensus	Federated Chain	Forced On-Chain Transactions	Geo Scaling	Guaranteed Minimum Full Nodes	Lightweight Node	Node Task Abstraction	Sidechain	Transaction Tagging	User Data Protection
Automated Node Deployer	X					X	X						
Block Maker		X	X		X				X	X	X	X	
Chaining Engine					X				X	X			
Consensus Processor	X	X		X			X		X				
Hashing Engine		X	X										
Identity Federator					X								
Identity Verifier					X								
Ledger Replicator								X					
Live Node Migrator						X							
Node Monitor	X						X						
Node Placement Monitor						X	X						
Node Repository													X

