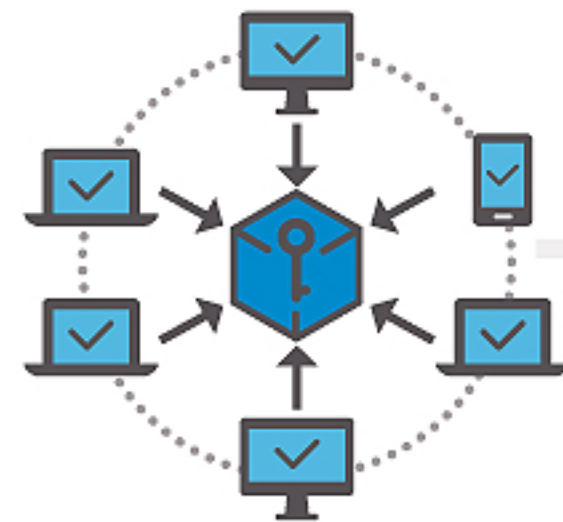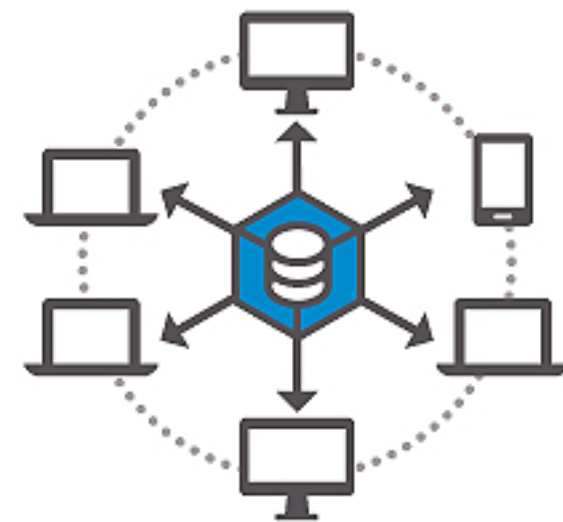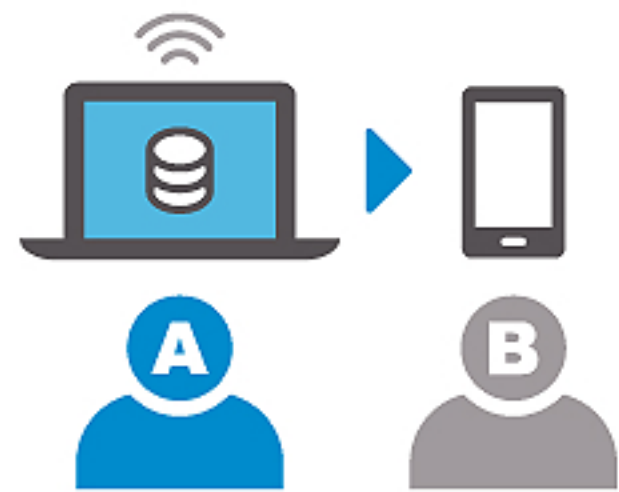# HOW DOES GoChain WORK

A transaction is requested

The transaction is broadcasted to signing nodes

A round robin lookup selects an enterprise signer to fill the block and propagate to others

VALIDATION MAY INCLUDE

SMART CONTRACTS

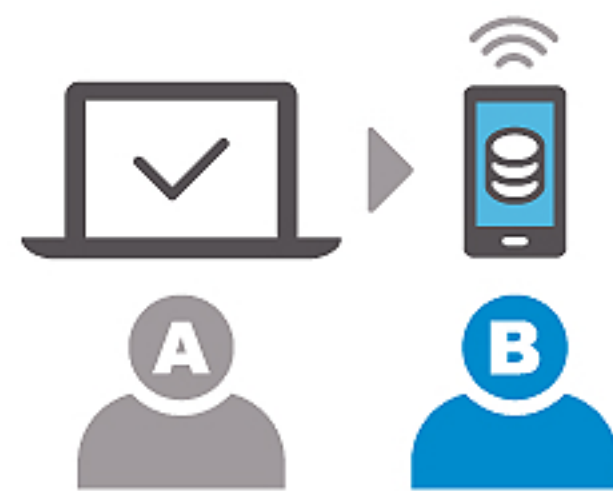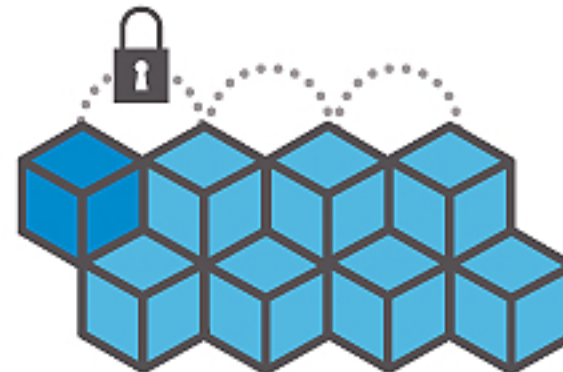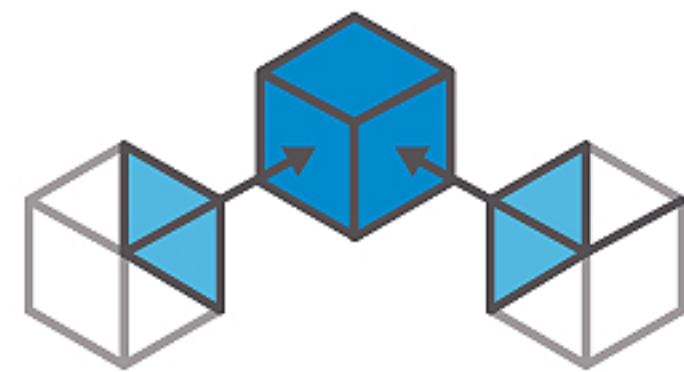CRYPTOCURRENCY

OTHER RECORDS

The transaction is unified with other transactions as a block of data

The new unalterable block is added to the chain

The transaction is complete and immutable on the blockchain

BENEFITS OF THE BLOCKCHAIN

TRANSPARENCY AND TRACKING

SIMPLER AND FASTER

REDUCED COSTS

INCREASED TRUST

How are signing nodes rewarded?

50 Enterprise Node Signers

New Block Every 5 Secs

44M New $GO Minted Per Year

GoChain's **Proof of Reputation (PoR)** consensus algorithm is an upgraded form of **Proof of Authority (PoA)** that relies on reputable validators like F500 companies to sign blocks.

Spreading the validators across 50 different companies with reputations at stake creates almost perfect node decentralization and makes the network very difficult to be compromised.

Companies with a large market cap have more to lose than small cap companies. We use this metric when evaluating companies because the value of the member companies needs to be in parity with the value of the processing network to disincentivize cheating.

To calculate approximate rewards, take 44M and divide it by the current number of nodes at stats.gochain.io:

i.e. 44M / 25 nodes = 1,760,000 $GO per year!