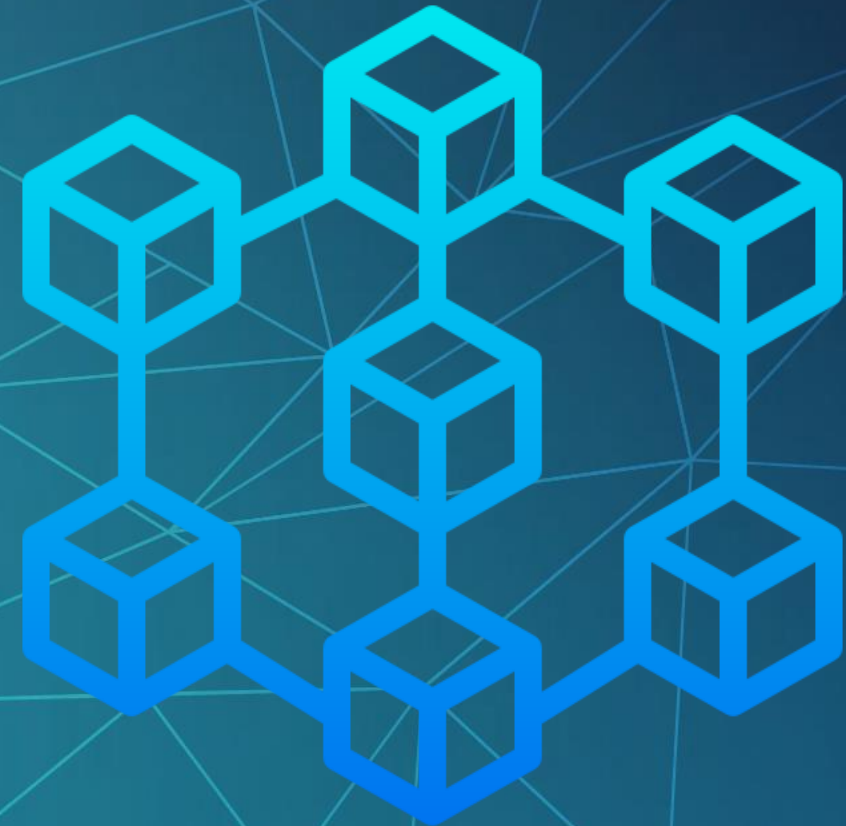BLOCKCHAIN
FACTORY

What is Blockchain?

A blockchain is "a distributed database that maintains a continuously growing list of ordered records, called blocks." These blocks are linked using cryptography. Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data.

A blockchain is a decentralized, distributed and public digital ledger that is used to record transactions across many computers so that the record cannot be altered retroactively without the alteration of all subsequent blocks and the consensus of the network.
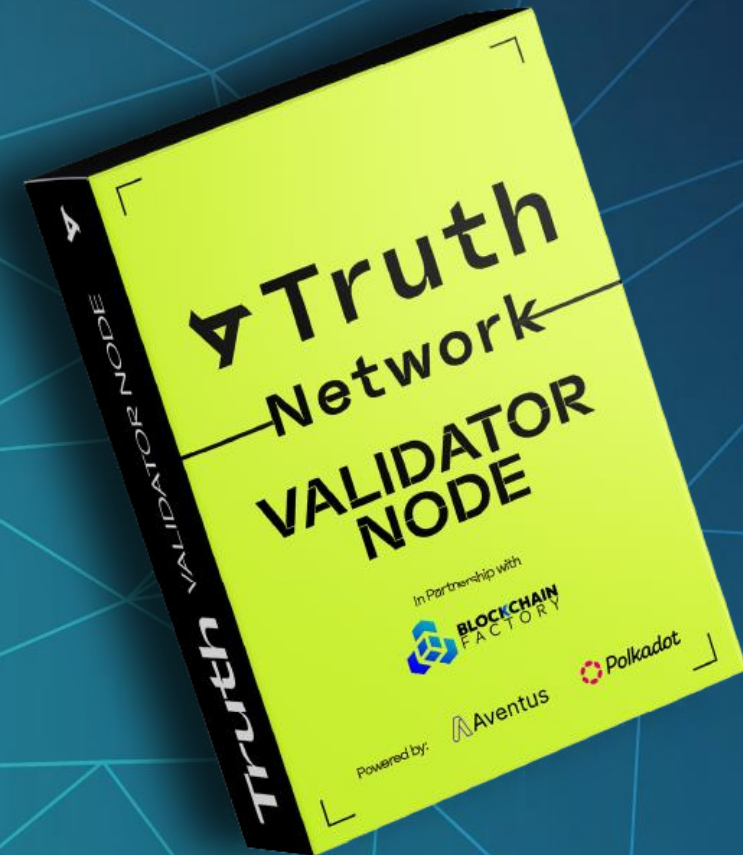
Blockchain Uses

- Payment Processing and Money transfers

- Monitoring of Supply Chains

- Control Digital IDs

- Data Sharing

- Copyright and Royalties Protection

- Healthcare

- And so on..

Validator Node

A validator node is a participant in a **Blockchain Network**.

It checks to ensure transactions added to the blockchain are accurate and follow the rules. This process ensures the integrity of the blockchain.

Validator nodes are important. They play a major role in keeping the network decentralized. They prevent fraud and ensure that transactions are secure and real while **Earning Commissions** for every transaction that validates.

How does a Validator Node Work?

The validator node gets a list of transactions and **verifies** that they follow the rules (like having enough funds). A transaction is added to a new block and then to the blockchain if a validator node accepts it. To reach a consensus on the transactions and guarantee that everyone has the same information, validator nodes also converse with one another

Validator Nodes **Earn Commissions** for every transaction that they validate.

Some of the Prominent Validator Nodes

	TOKEN	RELEASE DATE	INITIAL PRICE	CURRENT PRICE	% GROWTH
	Ethereum	July 30th, 2015	0.31 USDT	2,709.46 USDT	873,919 %
	Solana	March 16th, 2020	0.04 USDT	173.90 USDT	434,650 %
	Polkadot	May 26th, 2020	0.29 USDT	5.25 USDT	1,710 %
	Gala	Sept 16th, 2020	0.000898 USDT	0.02356 USDT	2,523 %
	SUI	May 3rd, 2023	0.10 USDT	3.43 USDT	3,330 %

Data Source: Coinmarketcap Feb 21st, 2025