




# BLOCKCHAIN TECHNOLOGY

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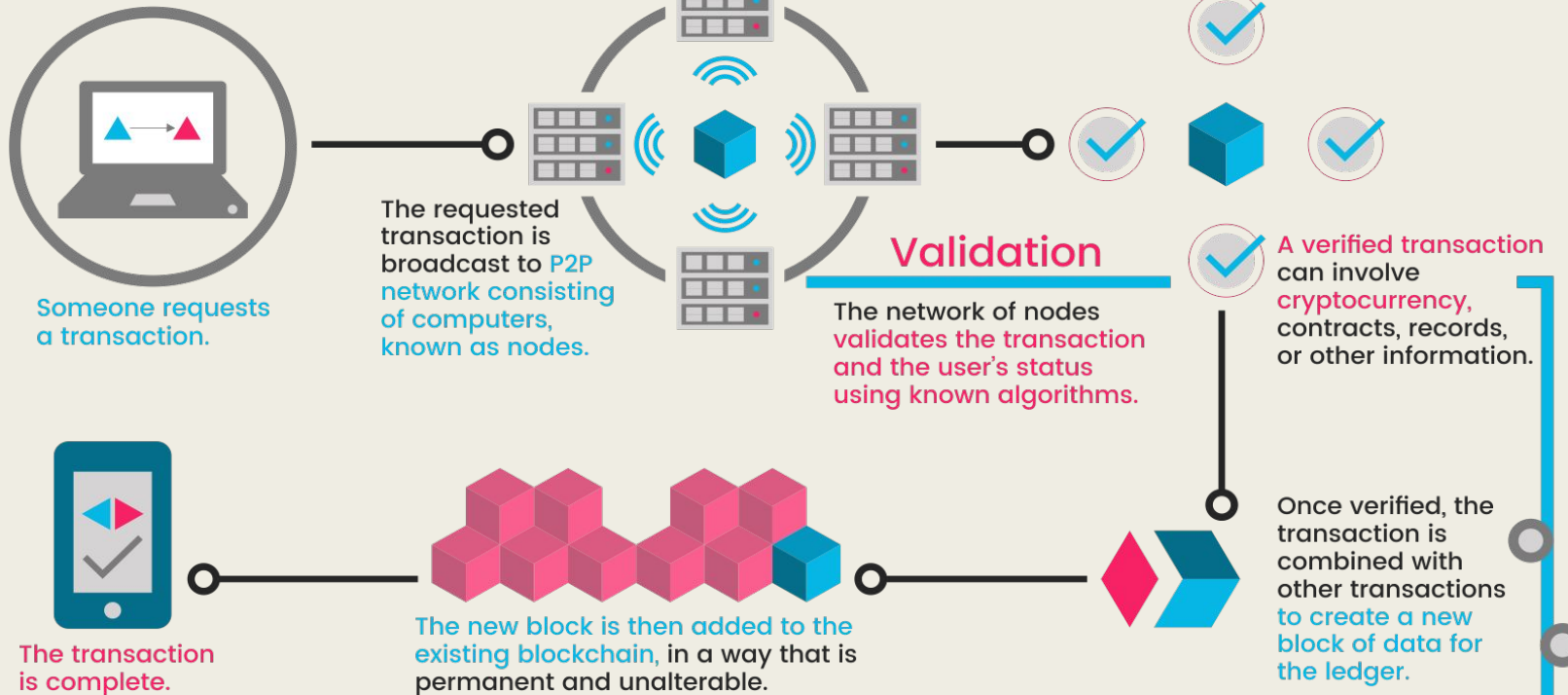
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# What is the Blockchain ?

- Block and Chain

- “What the internet did for communications, blockchain will do for trusted transactions.” - **Ginni Rometty**
- “The blockchain is an incorruptible digital ledger of economic transactions that can be programmed to record not just financial transactions but virtually everything of value.” - **Don & Alex Tapscott, Authors Blockchain Revolution**
- **A shared ledger for recording the history of transactions which can not be shared.**

## How it works:



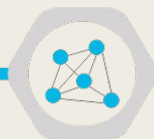
Cryptocurrency is a medium of exchange, created and stored electronically in the blockchain, using encryption techniques to control the creation of monetary units and to verify the transfer of funds. Bitcoin is the best known example.



Has no intrinsic value in that it is not redeemable for another commodity, such as gold.

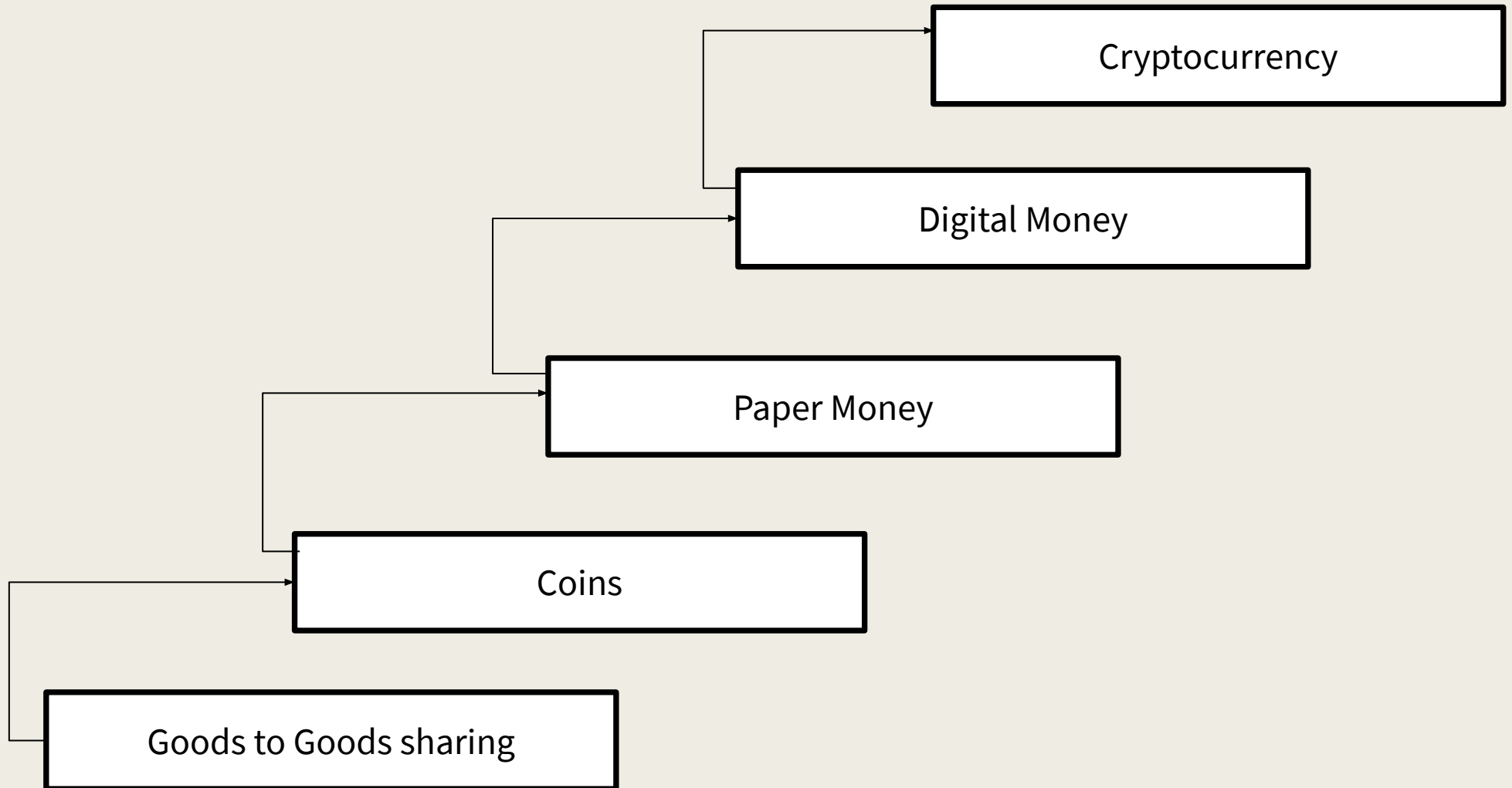


Has no physical form and exists only in the network.



Its supply is not determined by a central bank and the network is completely decentralized.

# Currency System evolving



# Transactions of IT companies in Nepal.

- E-payment System : esewa, paypal, ipay, payway etc.
- Traditional way : Hand on cash or cheque.



# Disruption field by Blockchain: Future

- Banking Payments : ABRA (Bitcoin Based Remittance)
- Cybersecurity
- Forecast : Augur (Global Decentralised Forecast)
- Online Data Storage : STORJ (Decentralised Cloud Storage)
- Charity : Bitgive
- Voting System : Registration, Identity verification and Vote counting )
- Public benefits
- Health care : Gem (Health Care data space)
- Online Music : Mycella (Promoting and connecting real singer and removing piracy)
- **Our industry**

**Thank you**