

Blockchain : Will it transform the supply chain ?

Dag van Inkoop & Logistiek
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Een wereld van wantrouwen

- Edelman Trust Index op historisch laag peil .



De evolutie van vertrouwen

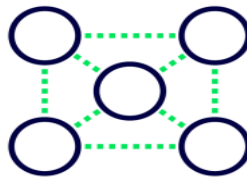
EVOLUTION OF TRUST



LOCAL



INSTITUTIONAL



DISTRIBUTED

Blockchain de waarheidsmachine



De Blockchain hype

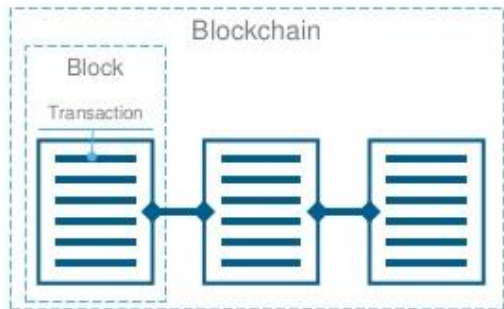


Top Region Based on Spend, 2017 (Value (Constant Annual), USD, B)



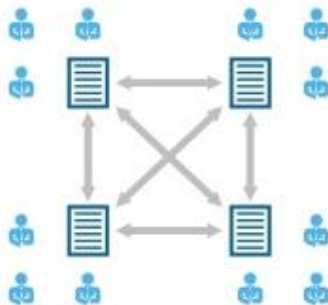
Source: IDC Worldwide Semiannual Blockchain Spending Guide, 2017H1

Blockchain Wat ?



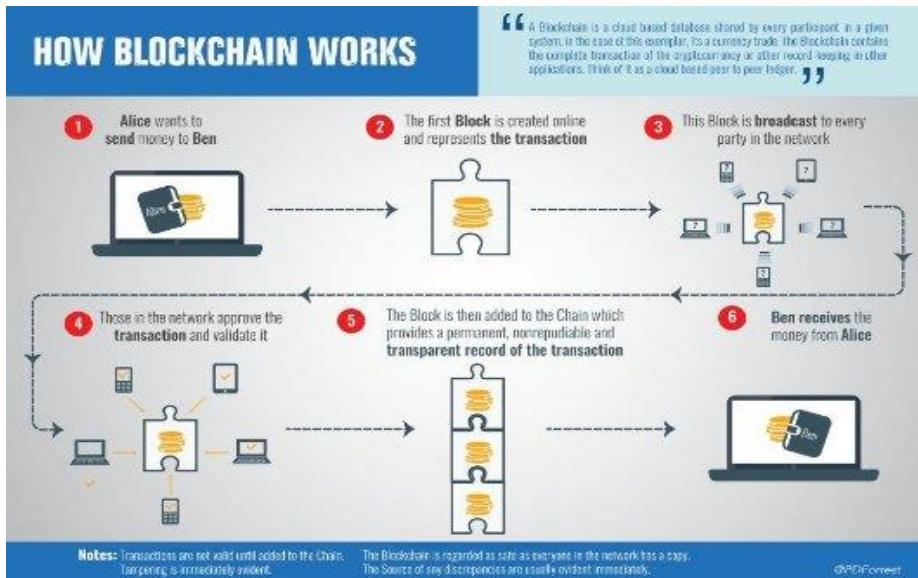
- Block = all transactions within a certain time period
- Blockchain = links all blocks together

Peer to Peer = No central authority

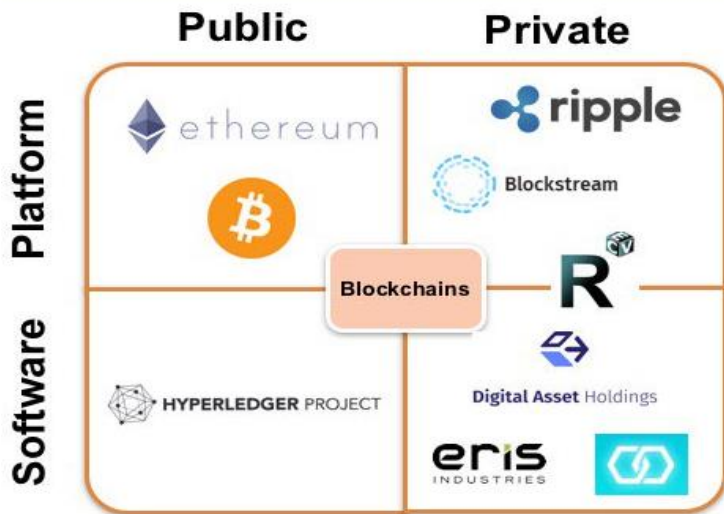


Distributed peer-to-peer network ensures the data integrity

Blockchain How ?

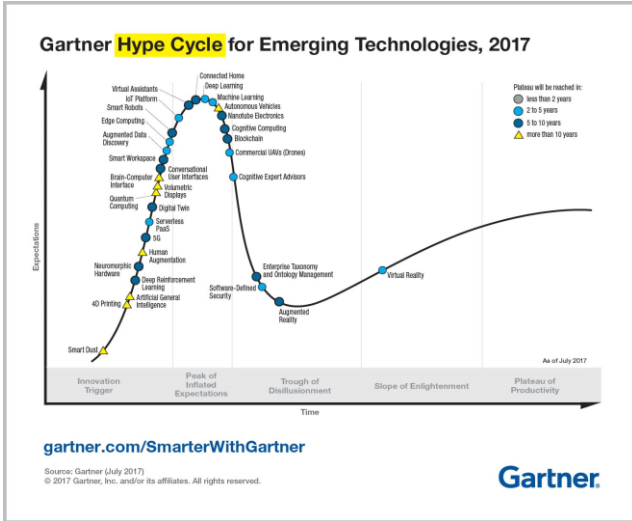


Blockchain 2.0



Sources: Chain, [Chris Skinner's blog](#)

Alle Problemen zijn een nagel



Blockchain Applicatie Domeinen

1. Transfer of 'valued' digital asset
2. Track & Trace over de gehele supply chain
3. Slimme contracten



Blockchain een realiteit !

Nieuwe business modellen

- ' Everledger' als succesvol voorbeeld

Any asset with a serial number

Electronics

Luxury Goods (Combat
Counterfeiting)

Jewellery & Fine
Art

Diamonds



Blockchain een realiteit !

Use cases in de supply chain



APL, AB InBev, Accenture, Kuehne + Nagel successfully test blockchain for shipments



More progress is steadily being made in blockchain technology, with a consortium comprising AB InBev, Accenture, APL, Kuehne + Nagel and a European customs organization successfully testing a blockchain solution with real shipments to multiple destinations.

Koopman Logistics zet blockchain in

[Redactie Emerce](#) Nieuws - 6 april 2018 - 11:00

Koopman Logistics zet naar eigen zeggen eerste logistieke dienstverlener in Europa blockchaintechnologie in om logistieke processen in het vervoer en opslag van nieuwe en gebruikte auto's volledig te digitaliseren.

IBM and Walmart Launch Blockchain-Based Food Safety Alliance for China

by Giulio Prisco on 12.21.17

One year ago, Bitcoin Magazine reported that Walmart was testing the use of distributed ledger technology (DLT) for supply chain management in the food industry, with the goal of tracking and tracing pork in China and produce in the U.S. — two high-volume product categories within the world's ...



Blockchain ook voor U ?

- **JA**, 'first moving advantage'
- **JA**, track & trace is cruciaal in de supply chain
- **JA**, als je bedrijf een 'intermediaar' is

De keerzijde van de munt !



Blockchain de 'transformer'

"A radical disintermediation of government services is very likely."

- Tori Adams, Booz Allen Hamilton

... supply chains to follow

Dank u voor u aandacht en vertrouwen



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