PARADIGM SHIFT



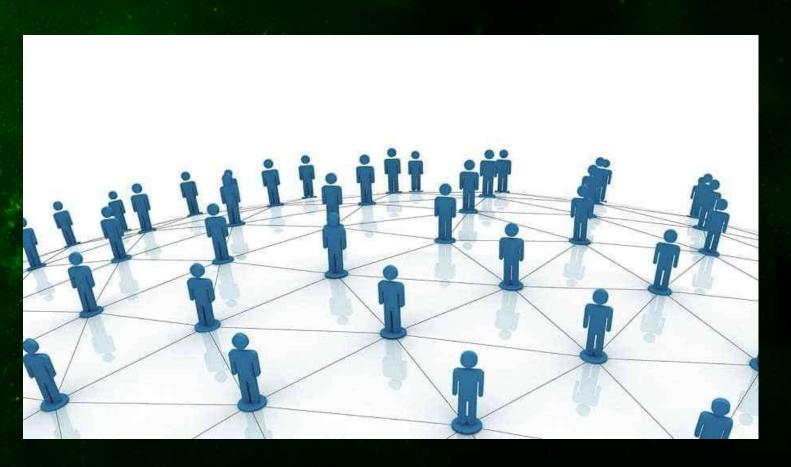




PARADIGM SHIFT







Distributed Ledger Technology:

Immutability
Peer-to-Peer
disintermediation
encrypted & interlinked
single source of truth
tampered dataset are excluded





agreement

on what happened in the past

BLOCKCHAIN









BLOCKCHAIN

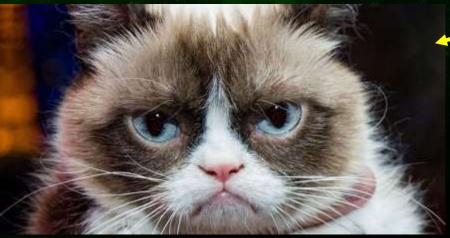






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White Pixel

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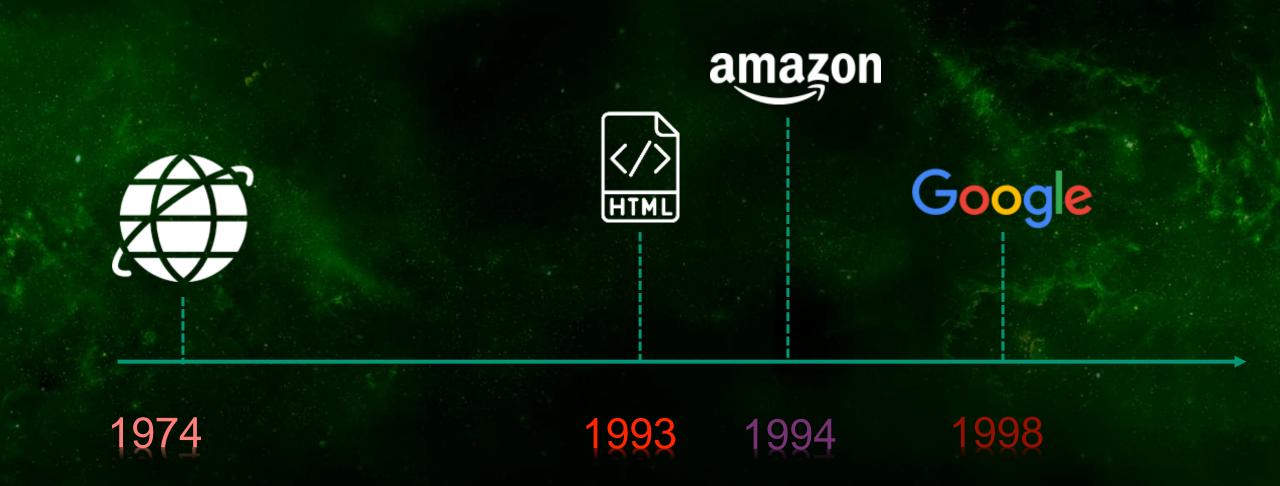
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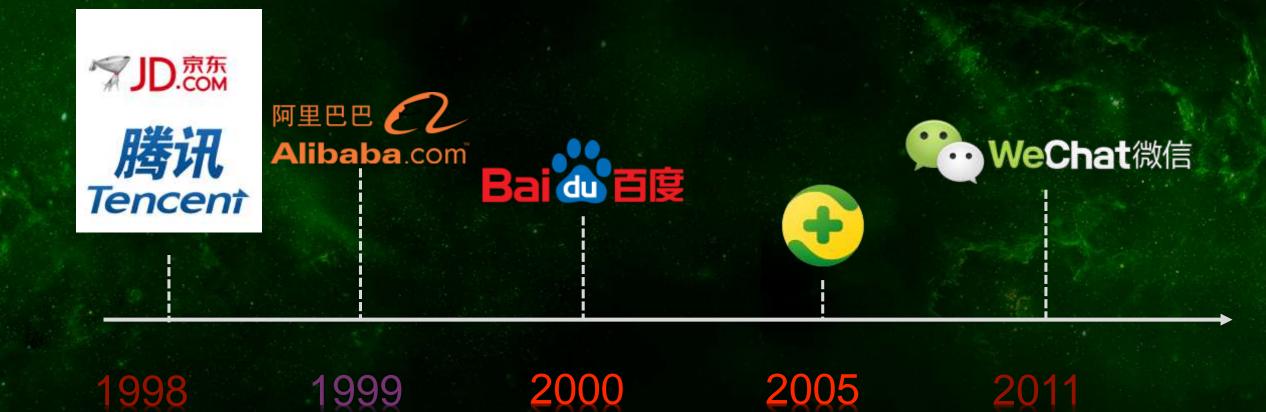




Young technology







Bbitcoin

2009



ethereum

2015



USE OF BLOCKCHAIN







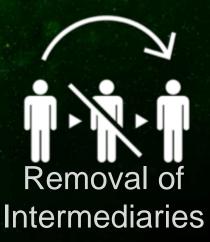
Sharing Data



Updating Data



Data Verification



Time sensitive Transaction



Interdependency of transactions







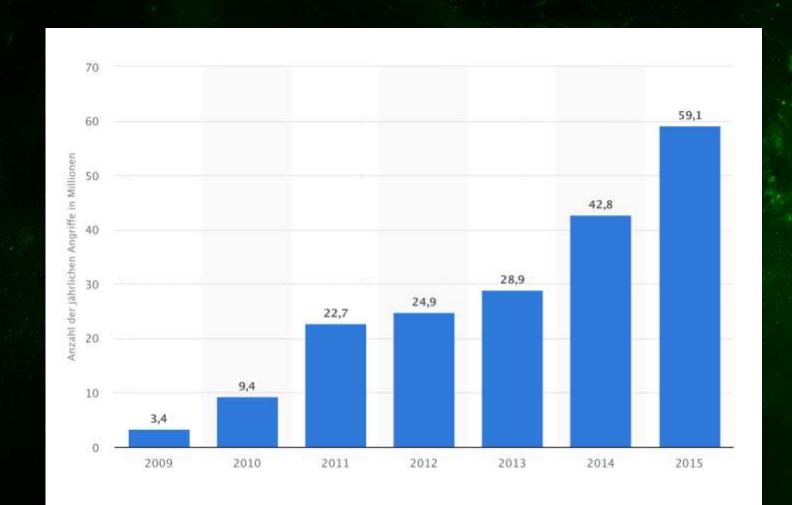




Increase of Cyber Attacks Worldwide

e.g. in 2017

- Wannacry
- Petya

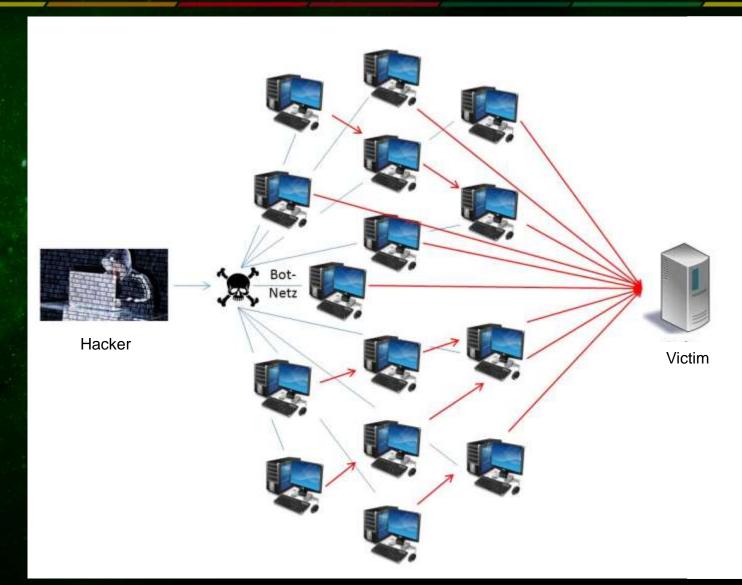


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DDoS-Attack





Reason to Attack



Insider Information





Intellectual Property



Reporting Database



Other Valuable Data







Result

- Losses
- Distrust
- Time to fix
- Awareness of Vulnerability
- Need for training



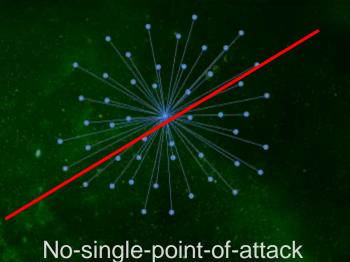


Statutues of Trust & Security



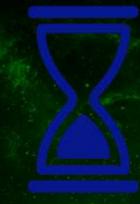








Encrypted Data



Realtime Transaction



Blockchain can't be hacked



Massive leaks are impossible





WHAT IF...

...YOU CAN STORE ALL RELEVANT DATA ON AN IMMUTABLE LEDGER

...EVERY ATTEMPT OF FRAUD / CHANGE IS INSTANTLY VISIBLE

...YOU CAN REPLACE TRUST BY DEFAULT WITH TRANSPARENCY

...THIS SOLUTION IS NOT HACKABLE

. . .









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& Co-Founder of SIMMST a.s.







THANKS

2018 ISC 互联网安全大会 中国·北京 Internet Security Conference 2018 Beijing China (原中国互联网安全大会)





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