

The Quasar ledger



... is a blockchain technology based infrastructure for instant payments between enterprises, consumers and the IoT



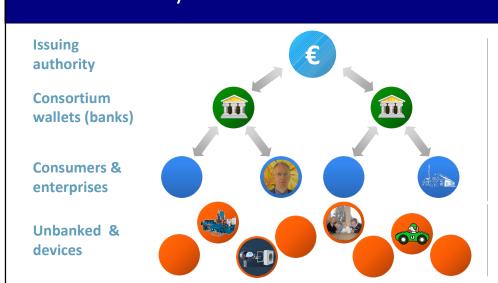
... has different types of wallets to comply with regulation and respect user privacy



... includes a connector between the traditional bank account and a digital cash wallet

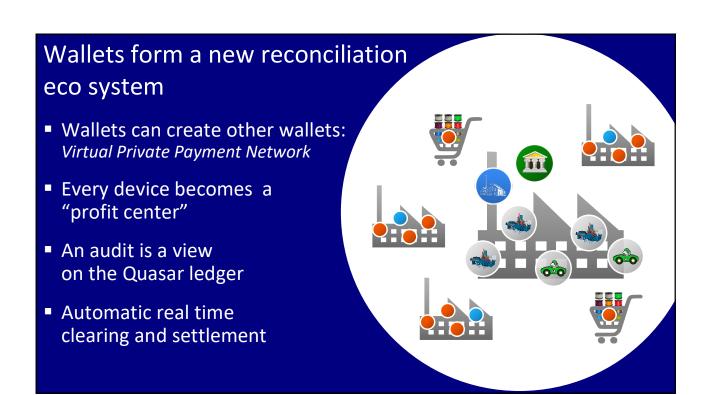


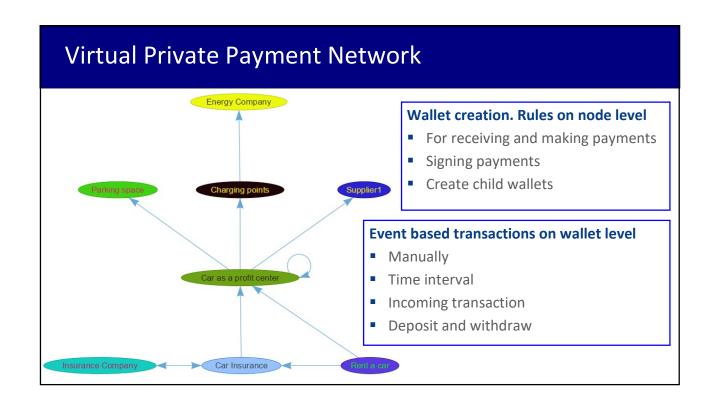
How economy comes into the IoT

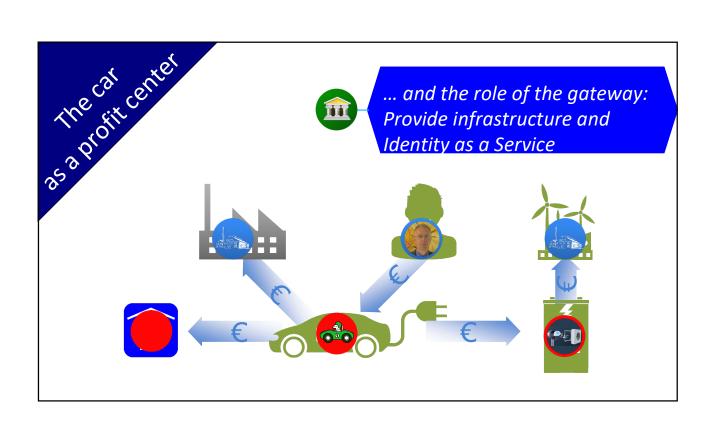


Identified owner

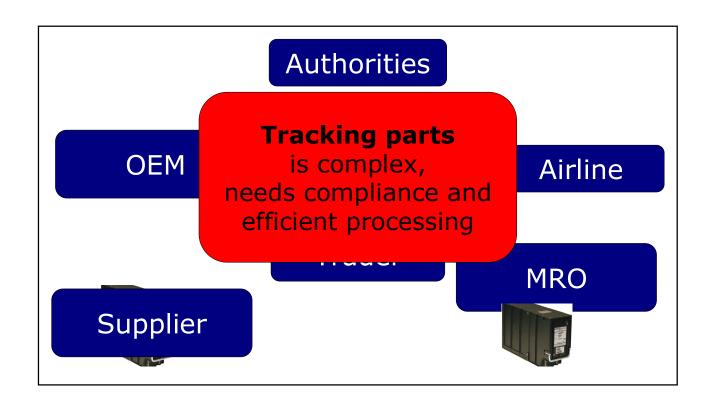
Without permission

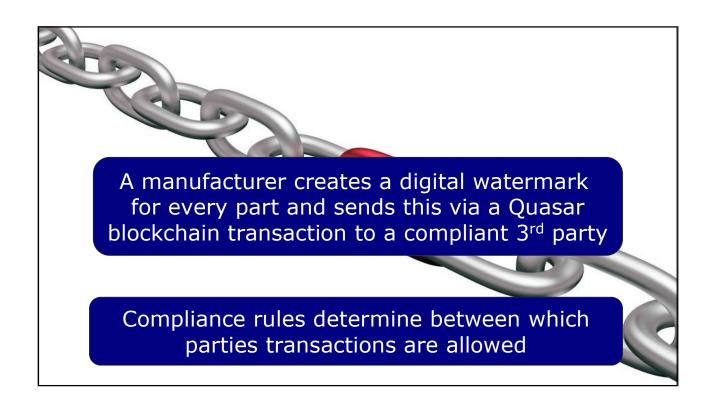


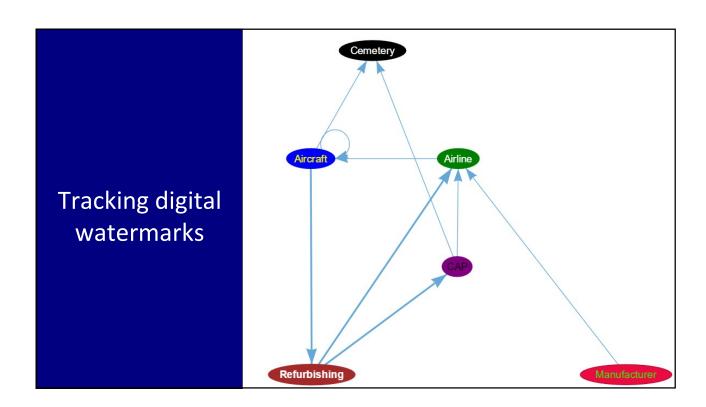




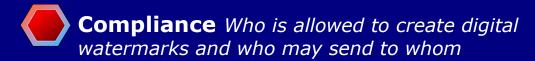








Benefits of the Quasar ledger



- Transparency Product life cycle visible, stops counterfeiting
- Immutable Historic data can not be changed, valuable for insurers and authorities
- Not a single owner Sharing actual information is beneficial to all



When (not) use Blockchain technology?

Do not use blockchain as a solution if:

- There is already a single trusted entity
 - Trust is derived from the distributed consensus of the "untrusted"
- When large sets of data need to be stored
 - Only simple and compact transaction records
- When high speed transaction handling is required
 - System consensus takes seconds or minutes

Public or private Blockchain?

- Public Blockchain
 - O No central authority (not on technology, not on consensus)
 - Compliance issues
- Private Blockchain
 - Single central authority (both on technology and on consensus)
 - Why use blockchain?
- Consortium Blockchain
 - Cooperative authority (on technology, but not on consensus)
 - Permissioned access can also fix compliance issues

Benefits of Blockchain

- No need for a trusted central market authority
- Transparent (open) transaction database
- Open source and open API standards (free software and easy to connect to by a smart home or device)
- Very low cost-to-serve (no need for backups, inherent security, simple deployment)
- Privacy and secure communication by design



Quasar mobile app: claim module Submitting, checking and instant payment/ settlement of claims





Einmalige Angabe der Kunden und Versicherungs-daten

Scan Invoice



Scannen der Rechnung per Handy

Check



Automatisches Erkennen des Rechnungs-gegenstands und Betrags

Verify & Process SV Claim



Schadensfallbearbeitung Automatische

erstatteten Betrags

Rückmeldung des

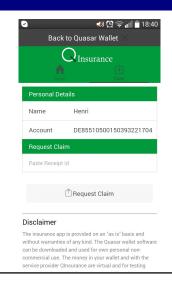
Verify & Process Private Claim



Schadensfallbearbeitung

Automatische Rückmeldung des erstatteten Betrags

Quasar mobile app: claim module Submitting, checking and instant payment/ settlement of claims



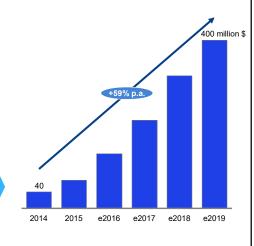




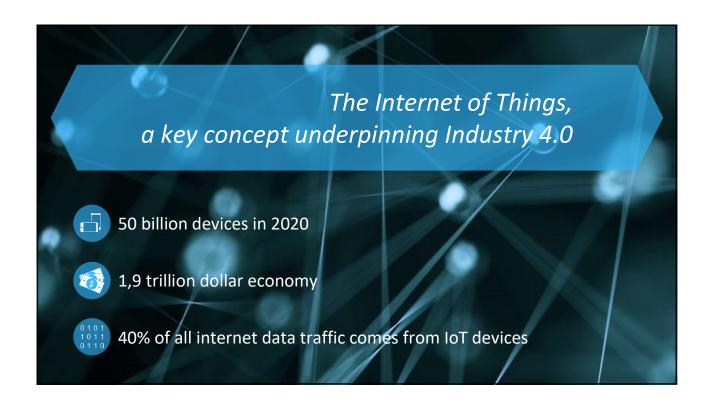
50% of all blockchain use cases are in banking

- Savings > 80 billion \$
 - Cross boarder (P2P and B2B) payments
 - Trade finance
 - KYC and AML management
 - Identity fraud

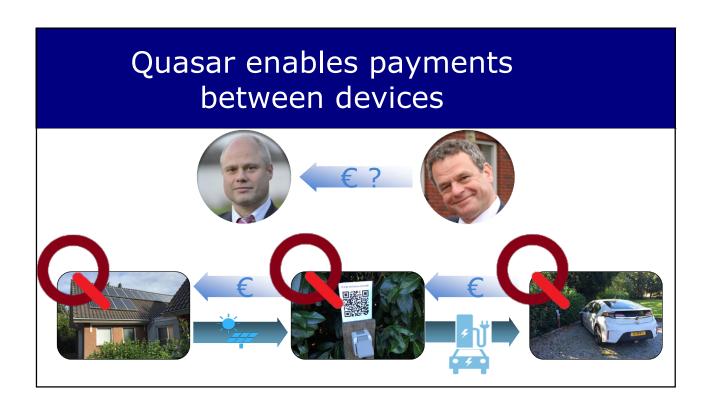
Optimizing the past, improving internal and inter-banking processes



SOURCE: AITE Group, Tabb Group, CoinDesk









Clients





