

TeleTrust-Informationstag "Blockchain"

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Supply Chain: Blockchain ist digitale Logistik

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Unveränderbar!

Prüfbarkeit



Blockchain ist Digitale Logistik



Geschäftsrisiken? It's the supply chain, stupid!

Top 10 Global Business Risks for 2017

[To see full Risk Barometer 2017 Rankings click here »](#)

Business interruption
(incl. supply chain disruption and vulnerability)



37% ◀▶ 2016: 38% (1)

1

Market developments
(volatility, intensified competition/
new entrants, M&A, market
stagnation, market fluctuation)



31% ◀▶ 2016: 34% (2)

2

Cyber incidents
(cyber crime, IT failure, data breaches, etc.)



30% ◀▶ 2016: 28% (3)

3

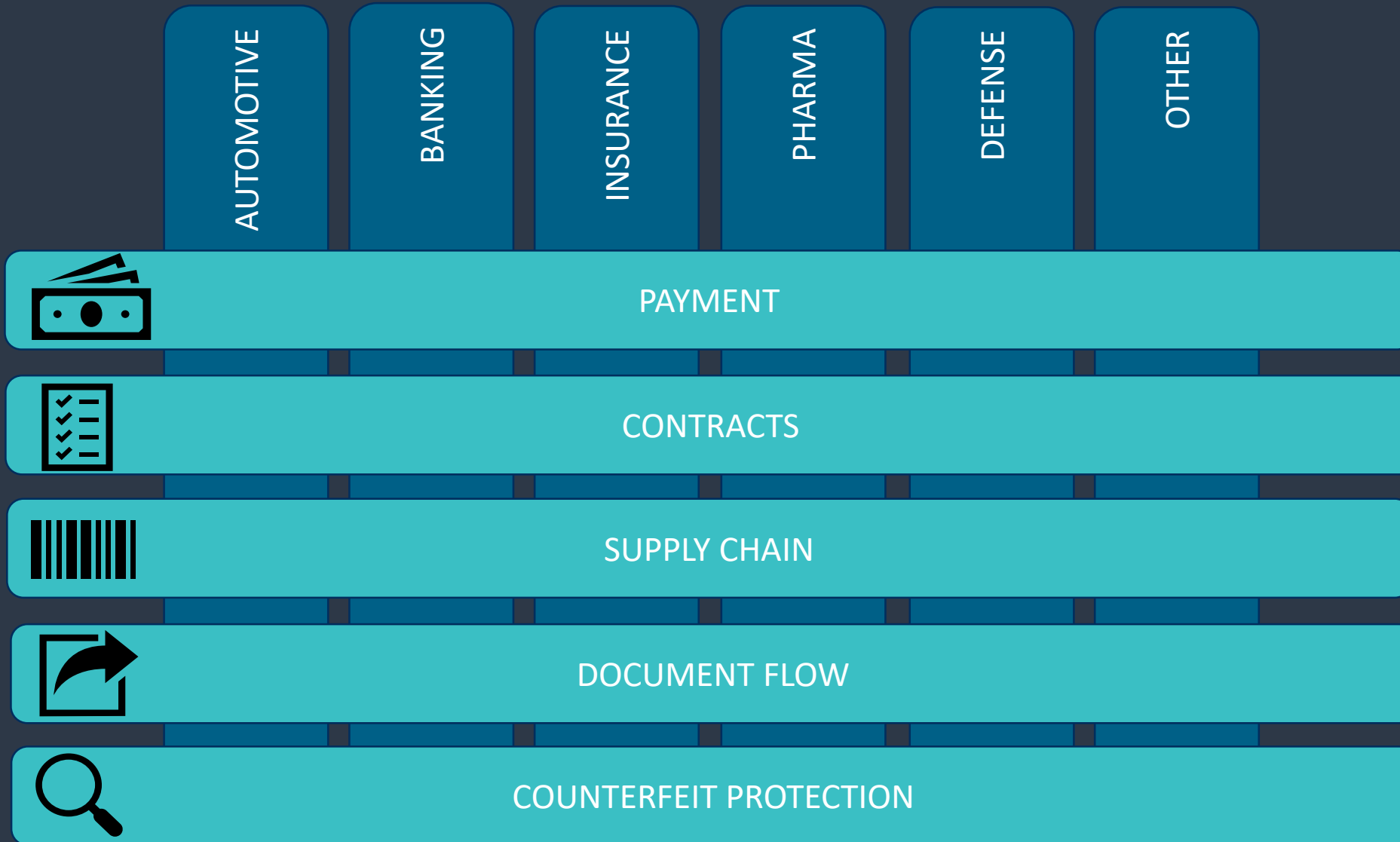
Natural catastrophes
(e.g. storm, flood, earthquake)



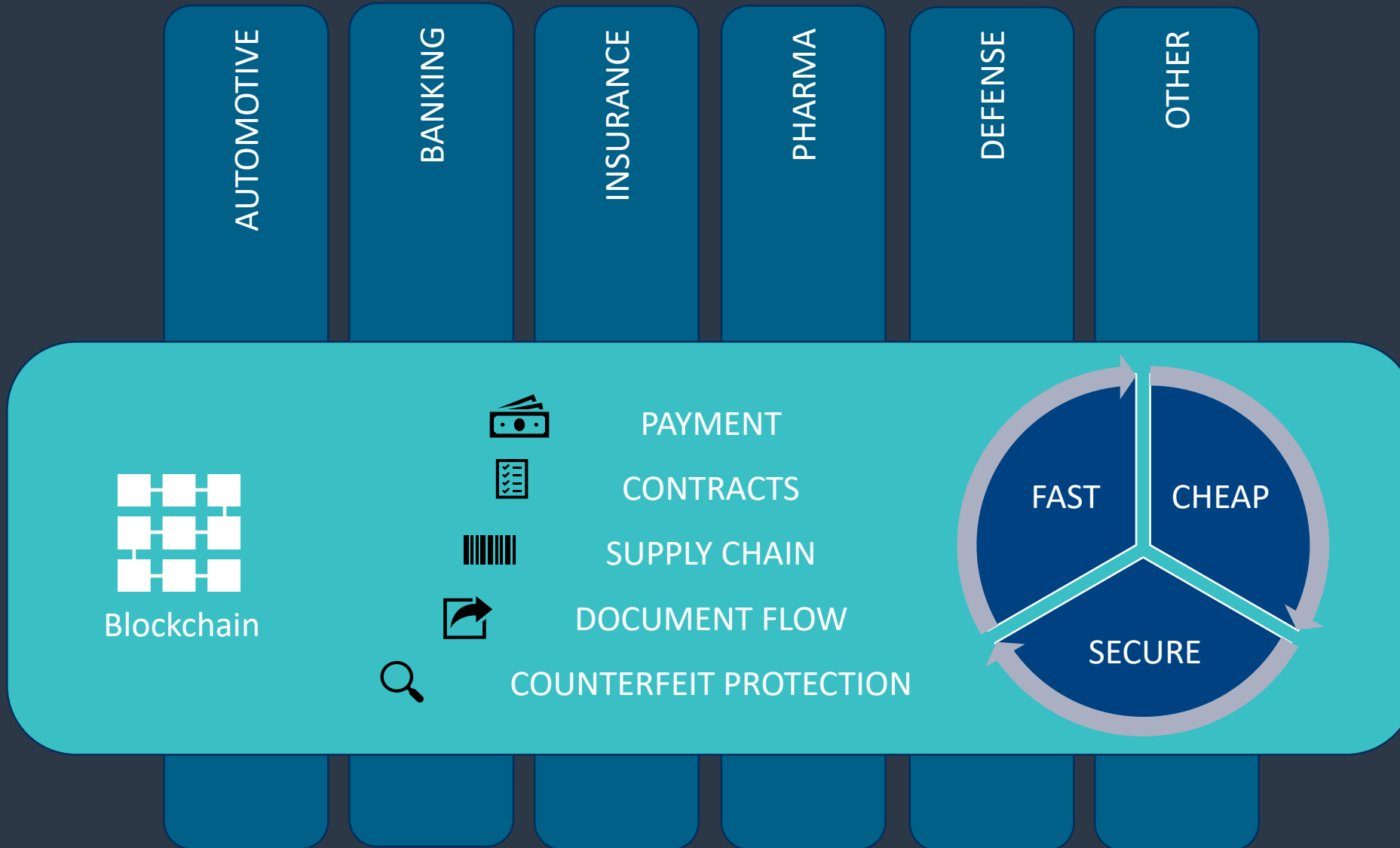
24% ◀▶ 2016: 24% (4)

4

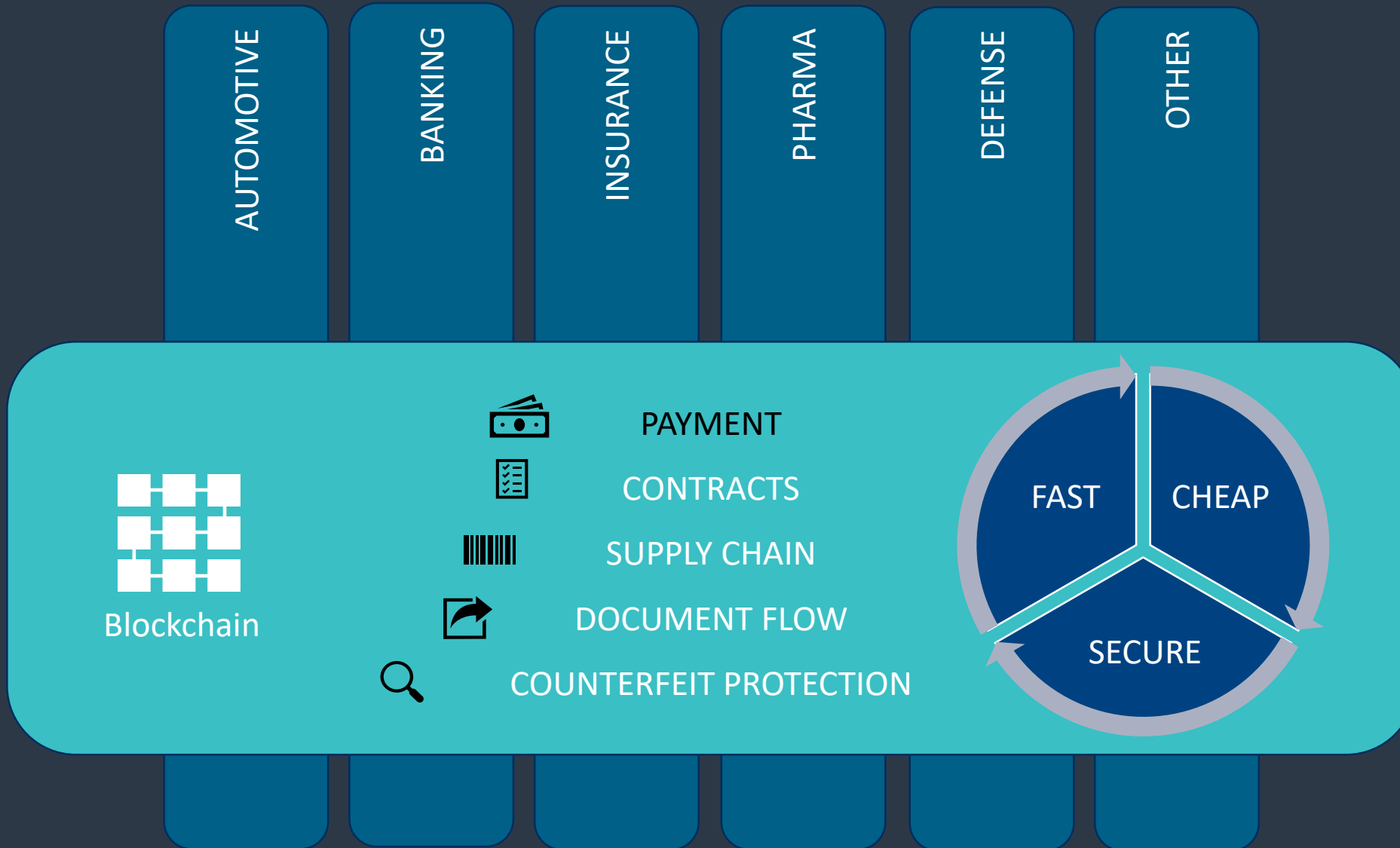
Blockchain Applications



Blockchain Applications



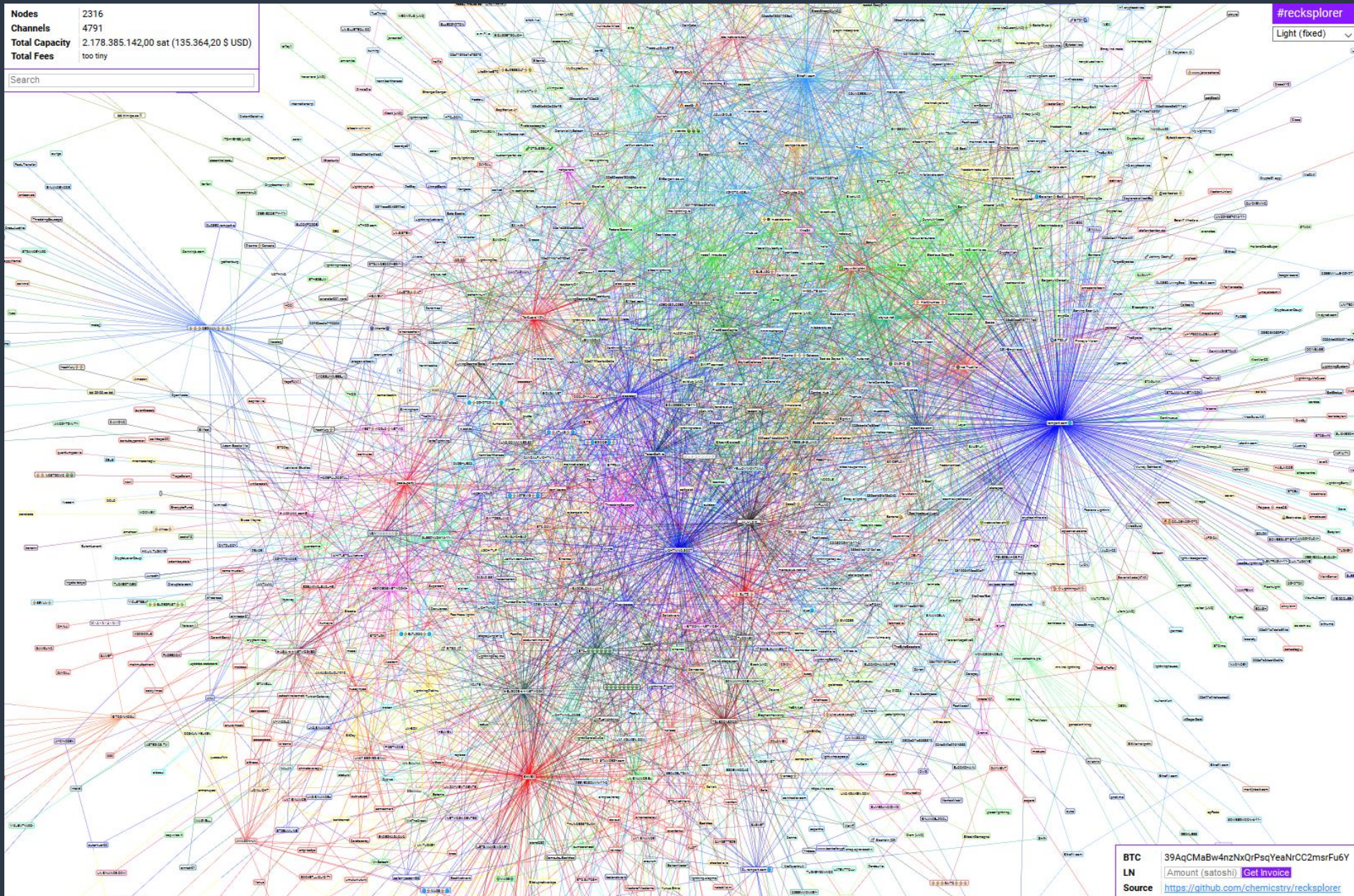
Blockchain Applications



Lightning Candy (1)



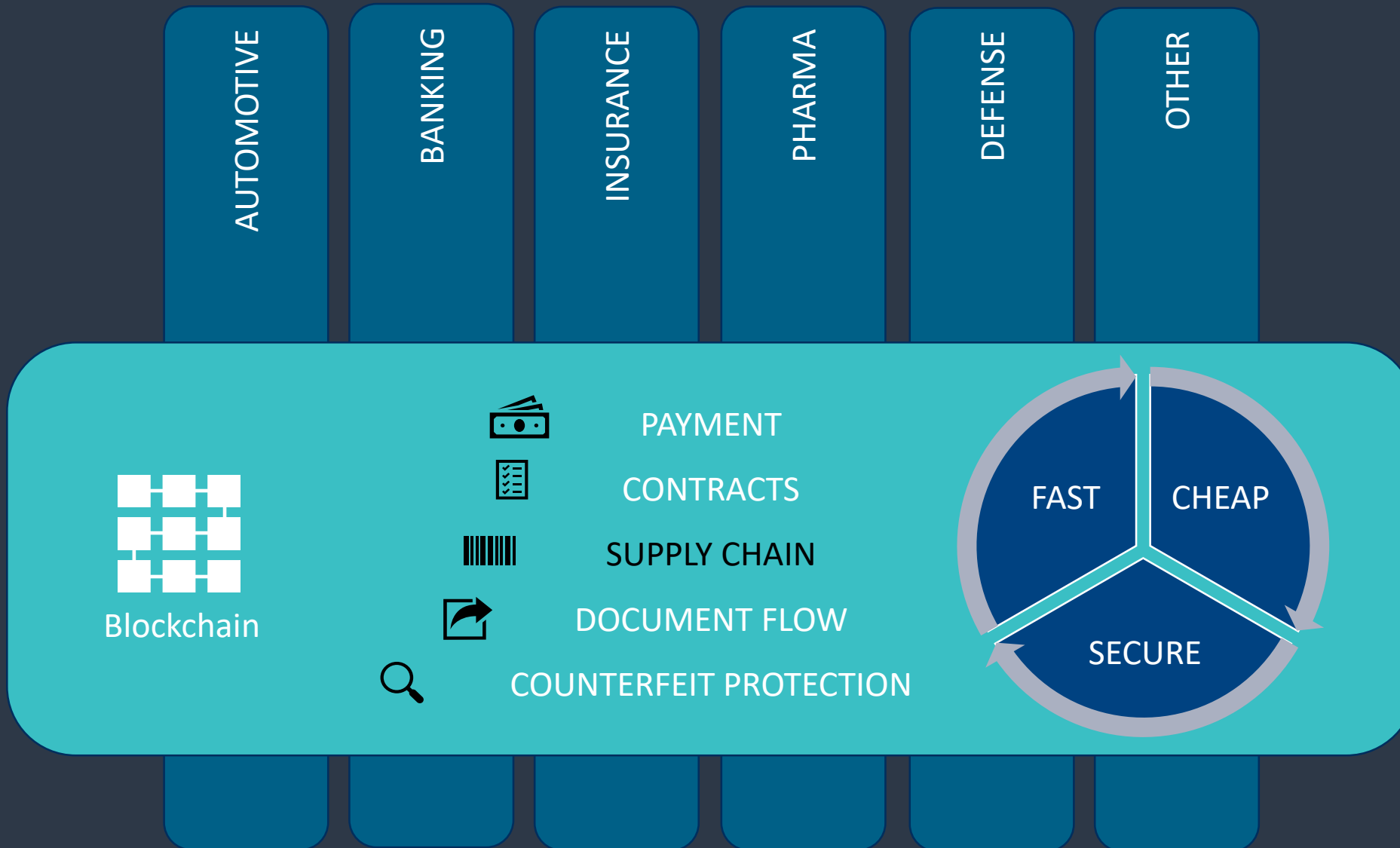
CryptoTec
BLOCKCHAIN TECHNOLOGIES



Lightning Candy (2)



Blockchain Applications

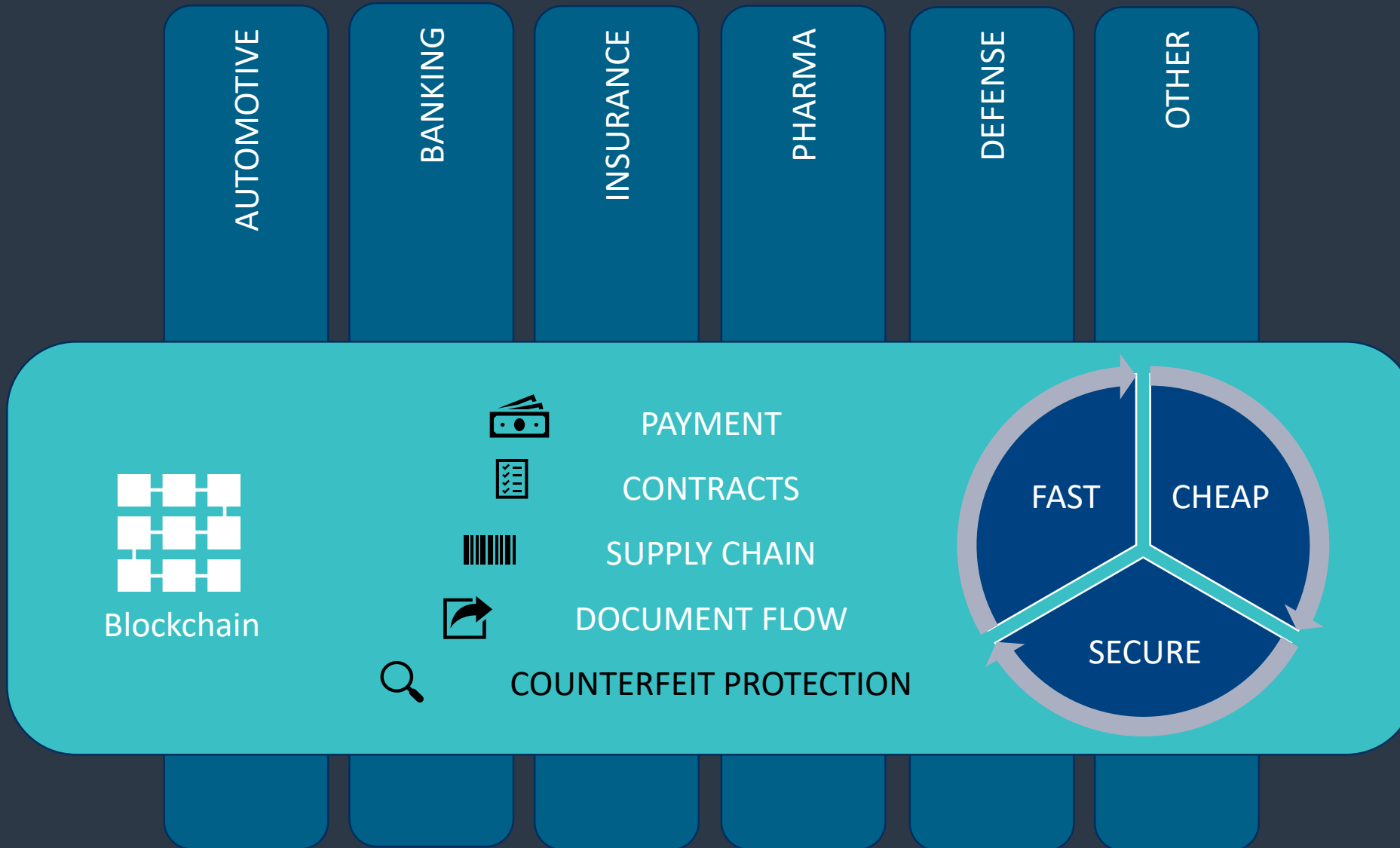




Temperature



Blockchain Applications



Counterfeit Protection: Pharmaceuticals

Digital protection leads to physical protection!

- **Serialization**
Products digitally represented in blockchain and tracked along the supply chain
- **Ownership transfer**
Single source of truth via blockchain
- **Physical identifier**
 - UV-Taggants
 - RFID Tags
 - Laser marking



Blockchain Design

-  Open/Permissioned, Public/Private
-  Consensus protocol
-  Platform

Enterprise Integration

-  Identity Management
-  Linking physical objects and digital IDs
-  Alignment of Incentives

Blockchain

A strong tool to secure **every** business and **every** supply chain



Danke für Ihre Aufmerksamkeit,

Zeit für Fragen!

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