

# SMART CONTAINERS

Using blockchain to transform the logistics industry

# Logistics is the engine of global trade

- ◆ More than 2'100bn spent on logistics globally

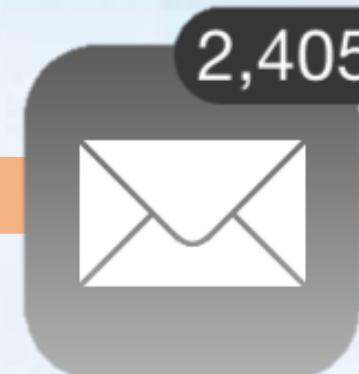
Coldchain logistics:

- ◆ Coldchain globally: 250bn
- ◆ Coldchain pharma: 12bn

- ◆ Over **200** manual documents & emails for **1** shipment  
→ It can be more expensive to administrate a shipment then to carry it out



But today we live in a different era...



Over 200 manual documents  
& emails for 1 shipment...

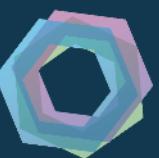


Since 1970 the cost of logistics have fallen year by year. Most companies have low profitability.



The consequence: scaling through endless centralization.

Does not seem to work well → the industry is highly ripe for disruption



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„Smart contracts will allow logistics to decentralize and become infinitely more efficient and sustainable.“

Richard Ettl – CEO & Co-Founder

„Our vision is to create a fully autonomous, integrated container based on blockchain technology.“

Nico Ros – CTO & Co-Founder



Safest Pharma Containers.  
Worldwide.



- ◆ 4<sup>th</sup> largest container provider in only 5 years
- ◆ 20% total cost reduction for clients
- ◆ Safest and most ecological system on the market



# Technology leading container provider

- ◆ 75x more reliable than market leader with less than 0.1% temperature deviation
- ◆ Integrated IoT sensors based on blockchain (largest fleet of IoT containers in airfreight to date)

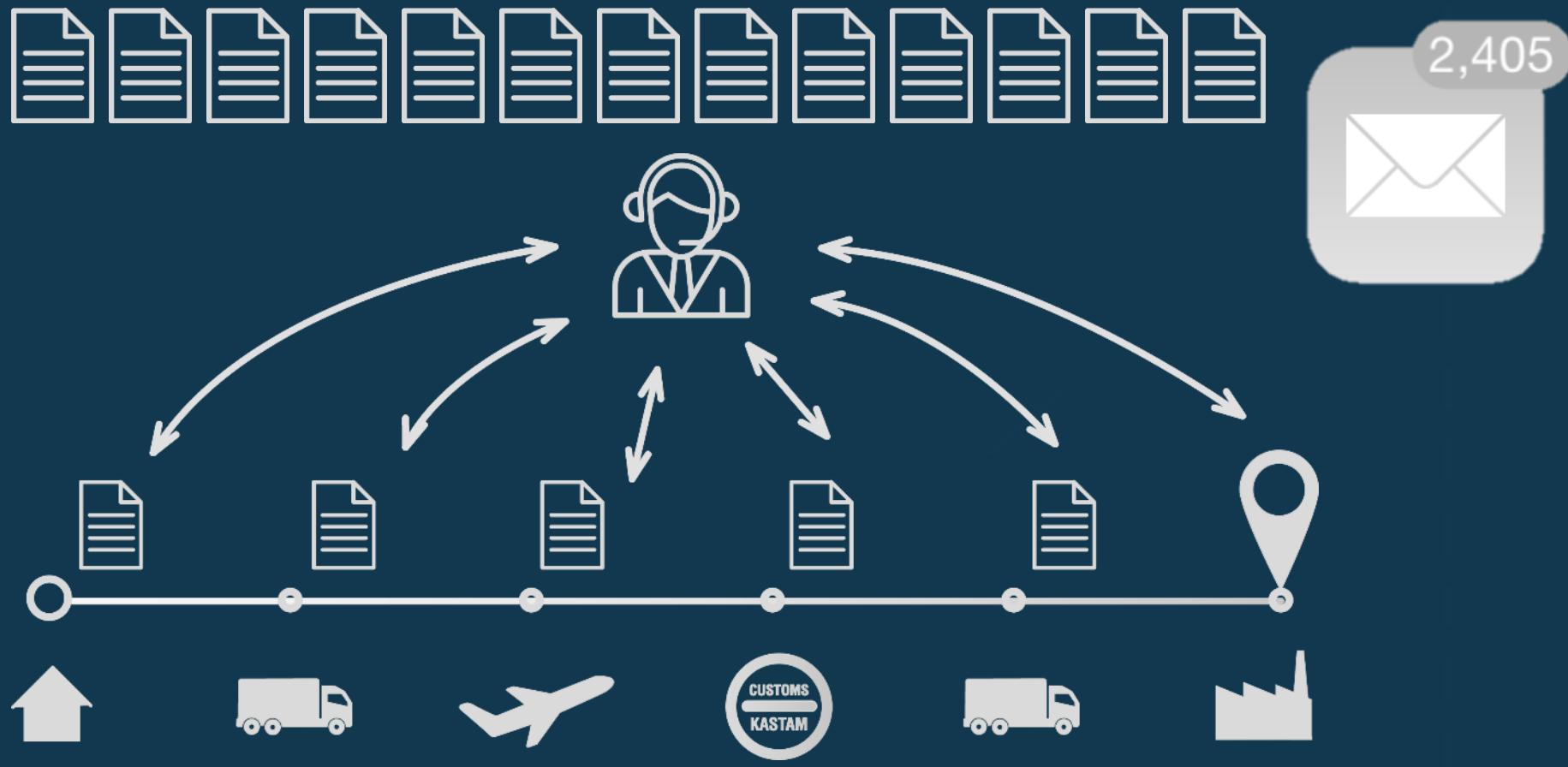




# Why do we need blockchain technology?



# Problems of a centralized documentation flow



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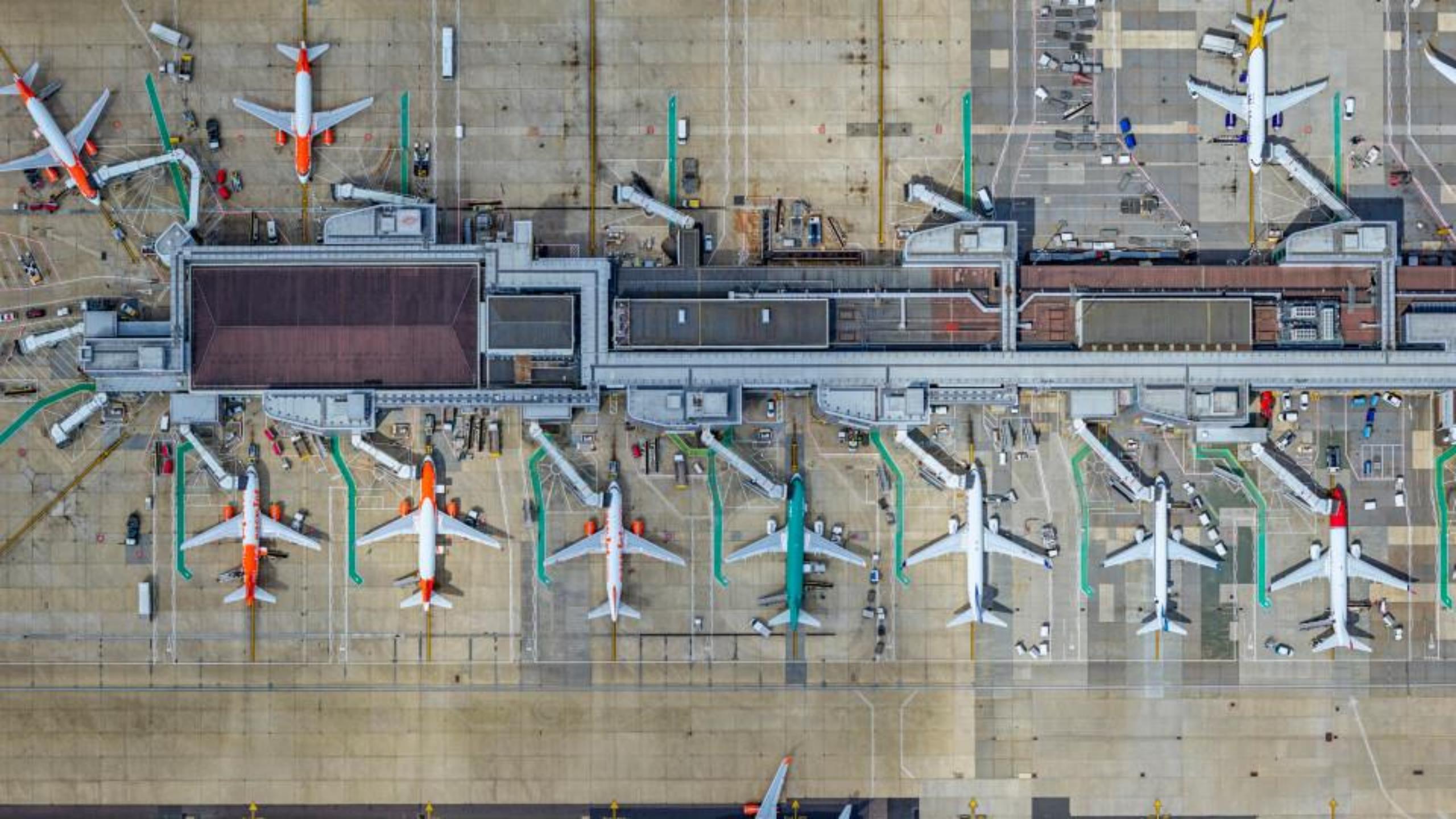




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ANK 314





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**Emirates**

BOEING 777-300

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RUNW











発泡持込禁止

ただし有料で処理するものを除く  
東京都・江戸川区場協会

火気厳禁

[禁 煙]

監視カメラ  
作動中

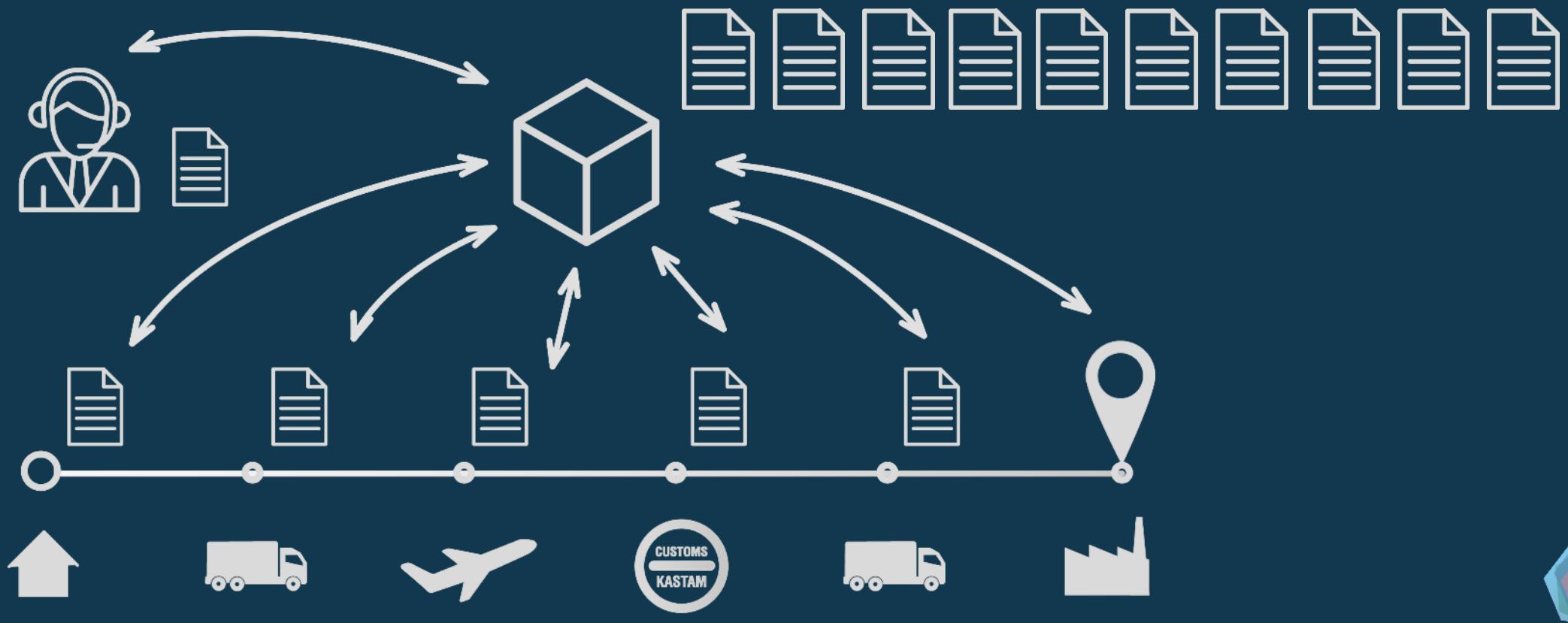
川の汚染  
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# Solution: decentralized logistics ecosystem LOGI CHAIN



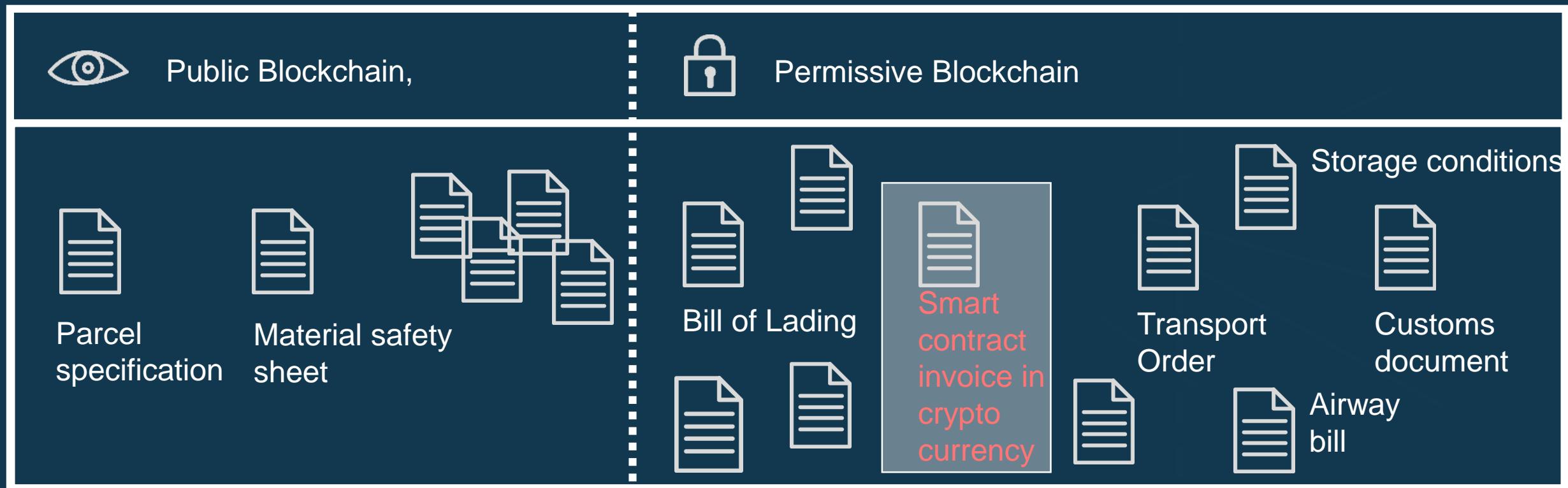
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# Blockchain infrastructure



Virtually mirrored  
shipping parcel



Potentially relevant blockchain protocols: Ethereum, Fabric, Corda, NEM, NEO, EOS



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# Logistics ecosystem - LOGI CHAIN

- ◆ Decentralization
- ◆ Reduce amount of shippings
- ◆ Lower costs
- ◆ Free up manpower



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# SkyCell ONE

The new direct-to-patient solution



- ◆ In the future, medicine will be shipped directly to homes without intermediaries
- ◆ There are no competitors in this field
- ◆ The potential is estimated to be a US\$ 5 billion market



SMART CONTAINERS  
Temperature sensitive logistics.  
Revolutionized.

# Technology leading container provider

Two fast growing companies with applications in the market:



Safest Pharma Containers.  
Worldwide.



FOOD  
GUARDIANS

Fresher, qualitative food.  
Glocally.

A close-up photograph of various leafy green vegetables, including red and green leaf lettuce and some dark, textured leaves, possibly chard or beet greens. The lighting is bright, highlighting the vibrant colors and textures of the produce.

# Join us in revolutionizing logistics

## [www.smartcontainers.ch](http://www.smartcontainers.ch)

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