

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 than 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.

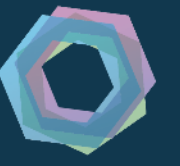


The consequence: scaling through endless centralization.



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






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The image shows two men in dark blue suits standing in front of a white refrigerated container. The container has the text 'SKY CELL 1500 C' and 'MADE IN SWITZERLAND' on it. There are also some warning symbols and a temperature range of '+2°C to -8°C' visible. The background is a solid dark blue color.

„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



SKY CELL

Safest Pharma Containers.
Worldwide.



- 4th 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)



A goldfish is captured mid-jump, leaping from a small, round glass fishbowl on the left towards a larger, round glass fishbowl on the right. The fish is orange and white, and its body is arched as it moves through the air. Water splashes around the point of exit from the smaller bowl. The larger bowl on the right is partially filled with clear water. The background is a plain, light color.

Why do we need blockchain technology?



Problems of a centralized documentation flow











← K10

KG

I2R-30L CAT I K11

← APRONG ← Z K K ↑ K11 →













発泡持込禁止
ただし有料で処理するものを除く
東京都・北都都市協会の

火気厳禁
禁煙

監視カメラ
作動中

TOYOTA

GENE 19

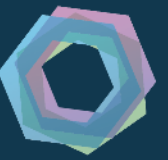
64

田島
製菓
東京

Salmon Fillet

解かき

2024

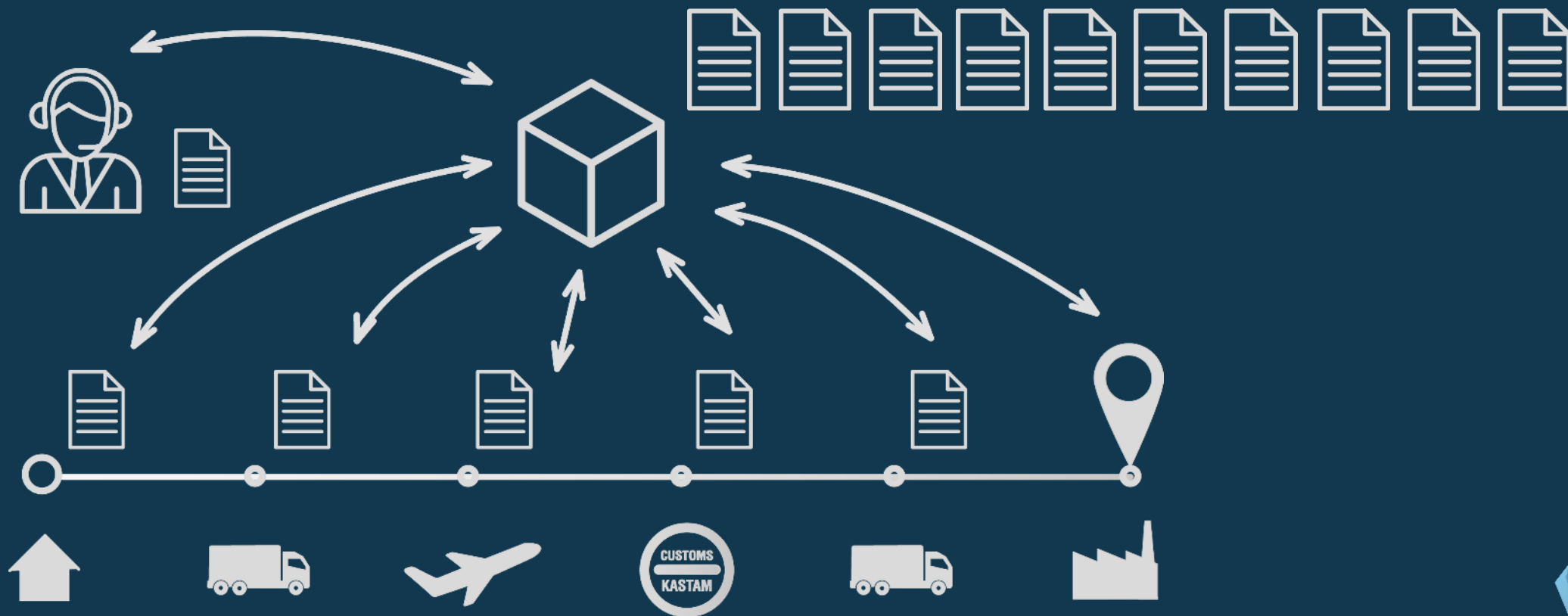


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Solution: decentralized logistics ecosystem

LOGI CHAIN





Blockchain infrastructure



Virtually mirrored shipping parcel



Public Blockchain,



Permissive Blockchain



Parcel specification



Material safety sheet



Bill of Lading



Smart contract invoice in cryptocurrency



Transport Order



Storage conditions



Customs document



Airway bill

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

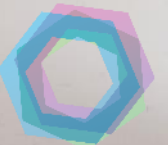


SkyCell ONE

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.



Join us in revolutionizing logistics
www.smartcontainers.ch

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