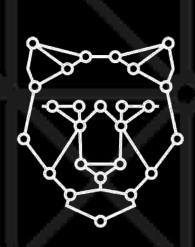


LedgerLeopard

"Food 4 Thought"



## LedgerLeopard

Ron Oudshoorn

ron.oudshoorn@ledgerleopard.com

06 – 15 89 44 88



- Introduction Ledger Leopard BV
- Introduction IoTTag technology
- Use cases ....



#### Future for blockchain



Zorginstituut NL togheter with Ledger Leopard explores whether

blockchain technology can benefit cliënts and participants in

**Health Care** 



Zorginstituut Nederland

#### Ledger Leopard BV



Ledger Leopard is BV an international blockchain

technology company who provides an operational blockchain platform

- We help organizations explore blockchain technology and deliver custom enterprise-grade decentralized applications
- We have already successfully delivered numerous certified blockchain solutions



#### **Facts**



 We are the only certified blockchain network provider (by the state attorney: Pels Reijcken)

 We are running the largest Healthcare blockchain network in The Netherlands

 We won the Computable Award 2017 for the "Most innovative IT project in Healthcare"



#### Characteristics



Control of data

Participants control their own data

Exchange of data (irrefutable)

Exchange data – in a secure and decentralized way – between partners in supply chains

Reducing administrative burdens
 Create transparency throughout the supply chain

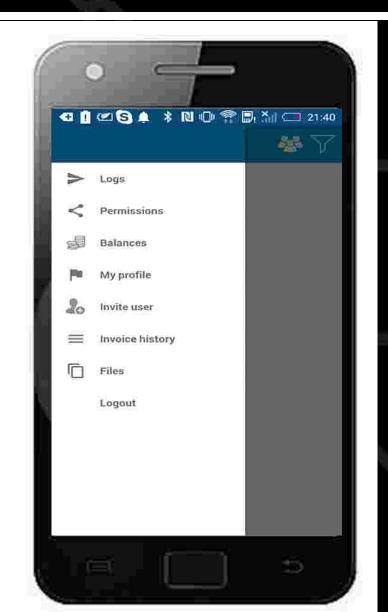
Optimize the supply chain for participants, enterprises government, customers and citizens . . .



#### Our solution



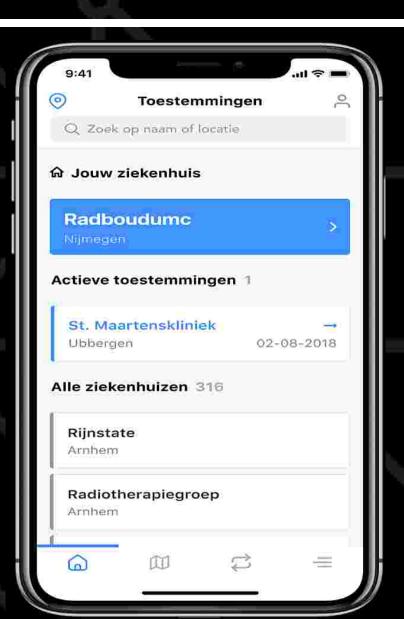
- 1. Both:
  - > Public
  - > Private
- 2. API Library
- 3. Custom enterprise grade decentralized applications



#### Our platform



... is an API based solution on Ethereum





 An innovative patented technology for worldwide, unique codes to specify and identify all digital and physical objects

#### **loTTag** appearances:









URL



**BLE** Beacons



#### Characteristics



 The IoTTag is the DNA of things, that creates the bridge between the digital and physical world

 Where DNA is a worldwide unique identity for every person in the world, the IoTTag creates a worldwide unique identity for every physical and digital object

 Every user, business or consumer, is easily able to scan an IoTTag, because scan functionalities (Barcode / QR-code / NFC) are standard on every smartphone nowadays



#### **Technology**



A supply chain is a system of organizations, people, activities, information and resources involved in moving a product or service from supplier to customer.

#### Efficiency Provider

By loTTaging your products or services, you add an *intelligent layer* to your existing infrastructure.

Now you are able to connect the supply chain and make it possible to share, receive, control and connect information



#### **Technology**



#### Consumer Connector

The technology offers a tool to provide your customers with *complete transparency* regarding the supplier, contents, origin and production process of a particular product.



#### **Technology**



#### **Counterfeit Warrior**

We provide the *strongest product and brand authentication* available using our secure IoTTag and smartphone app. Now you can confirm the identity and authenticity of a product, record its location and optional environmental data and even push down notices and marketing offers in real time.





1. Scan DiPhycode

2. Result fake/real

3. Product information

#### Retail



In the retail nowadays: Consumer

"I need (have to) know what I am eating !!

Technology | Fit Aug 28, 2015 2.29am EDT

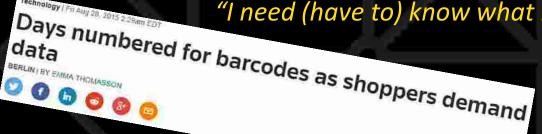














The Next Barcode Revolution? 8,985 weergaven 💍 410 keer interessant gevonden 📮 49 commentaren

in F

Results

Volgen

**Transparancy:** (growth) of trust

*Innovations:* new businessmodels | services



Klik hier voor een filmpje (met liedje van Katinka Polderman!) over de herkenbaarheid van verantwoorde producten bij Agrimarkt.

#### The Impact of Megatrends: Digital World and Fight for Resources

This process ultimately led us to focus on two key megatrends that will significantly impact consumer goods and retail companies in the coming years: Digital World and Fight for Resources.

We also selected three related initiatives for action:

- Consumer Engagement Protocol: develop a code of conduct for digital engagement with consumers
- Next-Generation Product Identification: transform product identification and information
- Sustainable Packaging Consortium: improve the sustainability of packaging across the different value chain

This report — which is the latest in the "Future Value Chain" series — takes a close-up look at these megatrends and their implications for the industry, and presents the initiatives and their associated action plans. We invite you to join these initiatives to help ensure a strong "Future Value Chain" that can more efficiently and effectively serve consumers and shoppers around the world.

Use cases ... ... ...















Zoetermeer



Ministerie van Volksgezondheid, Welzijn en Sport



real estate





### Enhancing human rights compliance in palm oil supply chains through blockchain





Human rights issues
Environmental issues
Insufficient certification mechanism

#### *The solution:*

Blockchain for tracebility Smart Contracts for both Human Rights Issues and Agreements

Blockchain in combination with Artificial Intelligence.





# FIN.

Thanks .... !!

