Haltian
IOT IS HARD. WE MAKE IT EASY.
Internet of Things & Digitaaliset kaksoset
Industry X.0 16.11.2021
Pasi Leipälä – CEO & Co-founder

HALTIAN COMPANY

INTERNET OF THINGS SOLUTIONS FOR ENTERPRISES

& DEVELOPMENT SERVICES

FOUNDED **2012**

110 WORLD-CLASS EXPERTS INHOUSE

CUSTOMERS IN **+20 COUNTRIES**

OFFICES IN **FINLAND, UK, GERMANY SINGAPORE NORWAY** AND **INDIA**

180 000 Thingsee DEVICES IN ACTIVE MAINTENANCE SERVICE

Thingsee IOT PLATFORM DEVELOPED SINCE **2014**

4 GENERATIONS OF IOT SOLUTIONS

AWARDS & RECOGNITION

Gartner CoolVendor

reddot award product design

DESIGN FROM FINLAND

aws competency

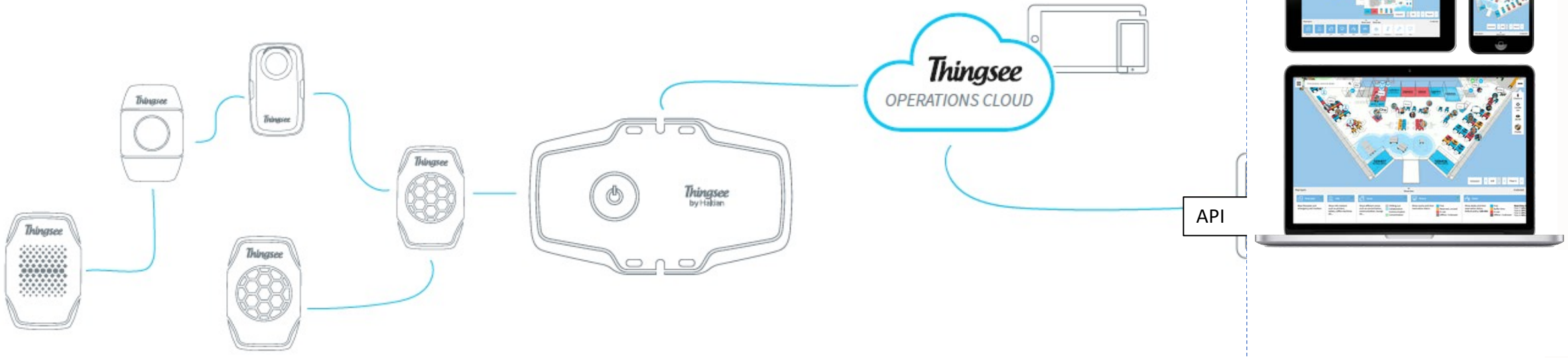
INTERNET OF THINGS MADE EASY

SENSE → THINK → ACT

Thingsee Wireless Sensors

Thingsee GATEWAY

Thingsee OPERATIONS, Maintenance applications



Various battery powered sensors collect data for customer's business

Gateways with inbuilt cellular or LAN connectivity relay the data to the cloud

Thingsee cloud solution enables security, scalability and remote management for the devices

Analytics, customer applications and dashboards can be run in customer specific cloud environment

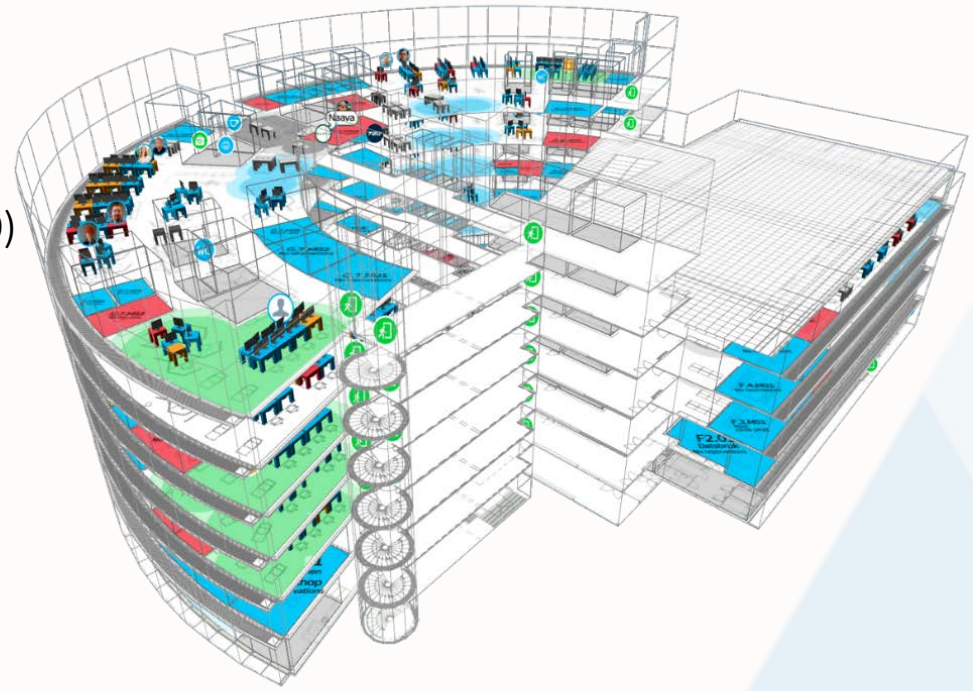
EMPATHIC BUILDING DIGITAL TWIN

empathic building®

Presents built environment and people data **in real time** and improves **employee experience** and productivity

EMPATHIC BUILDING FEATURES:

- Find and book a desk
- Find people and collaborate
- Find and book an ad hoc room
- Find and book a meeting room
- Co-create with employees
- Safe surfaces (post Covid-19)
- Safe environment (post COVID-19)
- Raise important issues
- Find your atmosphere
- Share your voice
- AI based wayfinding



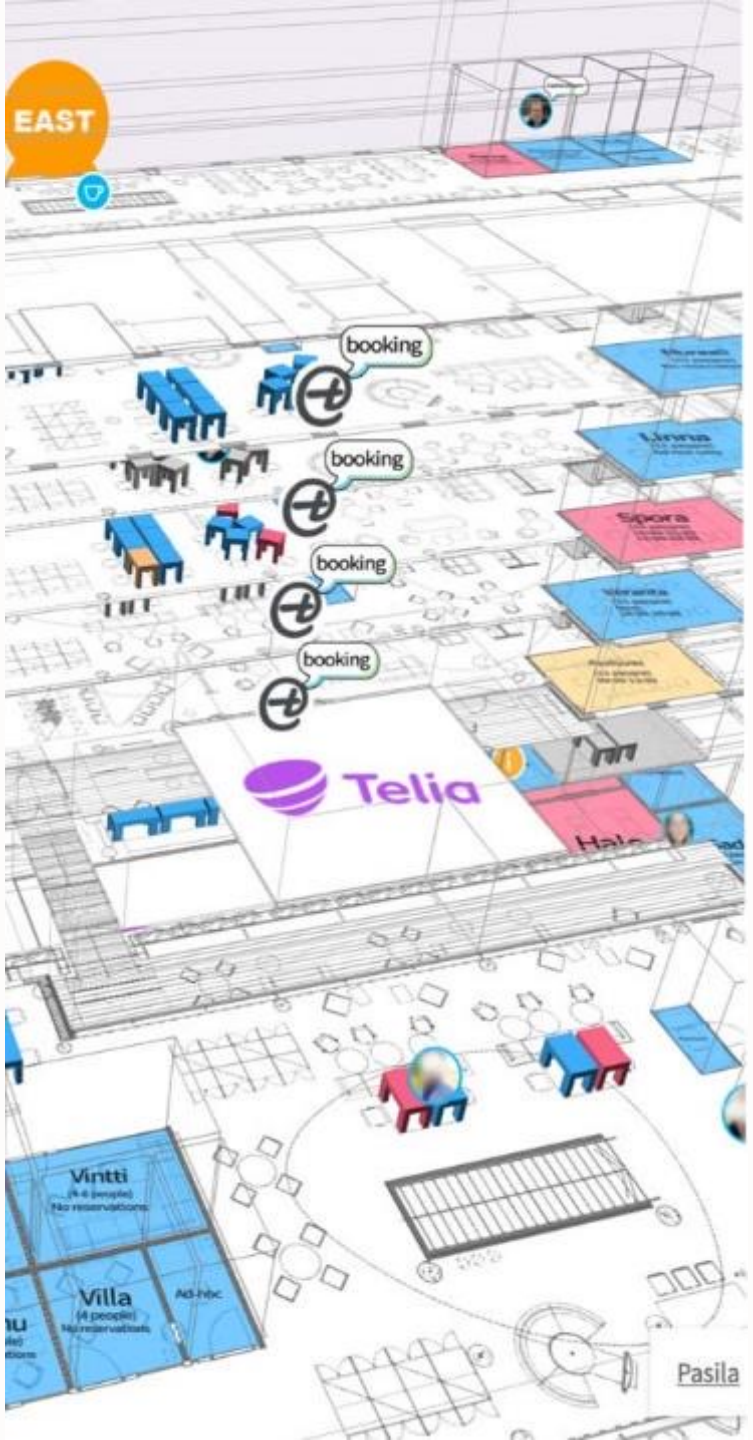
WATCH VIDEO: https://www.youtube.com/watch?v=LZjBOApY54k

EMPATHIC BUILDING CUSTOMER CASE:

> **We want to deliver excellent employee experience to the people of Telia, and Empathic Building Easy Booking delivers exactly that, especially compared to other, complex booking solutions.**
>
> **Ville Salomaa, Telia Company**

The usage was started in 2020 from Helsinki Tripla office.

After an excellent experience, the rollout has continued in the Nordics to Stockholm HQ, Oslo, Trondheim, Göteborg, Luleå and Copenhagen for 15 000 employees.



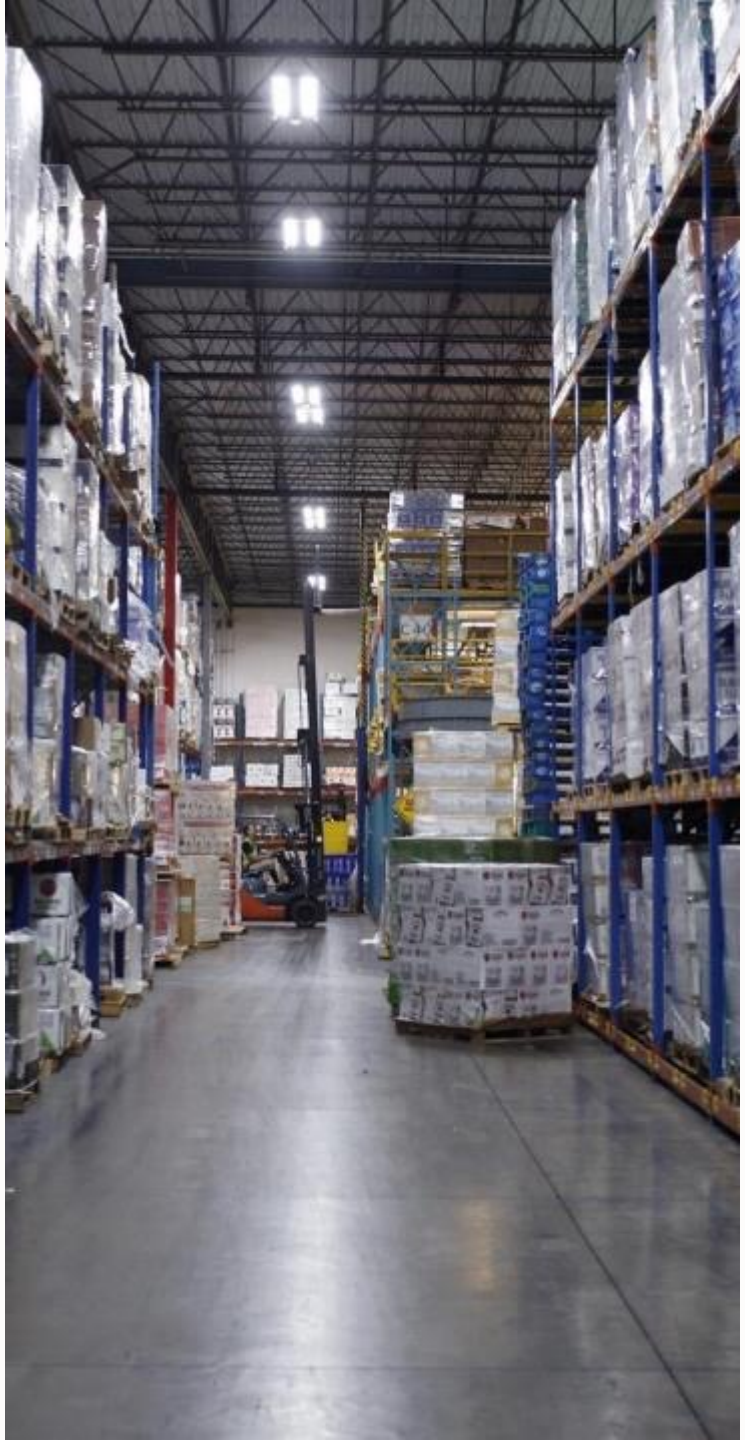
IOT CUSTOMER CASE:

PROLOGIS®

Prologis is the world's biggest real-estate company for **warehouse facilities**, owning over 4700 warehouse buildings in the US and globally. Thingsee sensors measure, for example

Water leakage, temperature, humidity, CO2, visitor counting, doors open/closed and asset tracking.

This helps Prologis to maintain their facilities, provide new data-based services, keep SLAs to their customers and differentiate in the market.



IOT CUSTOMER CASE:

Finnish state-owned postal service **Posti uses Haltian' s Thingsee IoT solution** to operate their Smart Locker parcel delivery solution.

Haltian has provided a **uniquely scalable, flexible and reliable communication system** to the lockers and surpassed several technical, commercial and security inspections to be able to deliver a system of such national importance.

The solution is used nationwide and has already **120 000** locks connected the target is to deploy 200 000 lockers.

SMART WASHROOMS

UTILIZING IOT IN BRINGING BETTER WASHROOM EXPERIENCE

Thingsee IoT Platform

Smart Washrooms

Apps & Services

Haltian provides IoT solutions to measure

- Hand towel fill rate
- Toilet paper fill rate
- Visitor counting for demand based cleaning

SOLUTION WE IMPLEMENTED

USE THINGSEE DISTANCE TO OPTIMIZE REFILLS

COUNT USER VISITS WITH THINGSEE PRESENCE

GET NOTIFIED WHEN MAINTENANCE IS NEEDED

CASE: INSULATOR TEMPERATURE MEASUREMENT

FINGRID

Smart Industry

Data to customer automation systems

CASE SMART VALVES

Thingsee Valve sensor provides a very economical way to digitalize 5000-10000 manual valves in each factory facility. Installation is easy without production breaks.

The factory prevents multi-million dollar accidents from happening, speeds up the maintenance breaks and saves up to 90% on wireless smart valves compared to replacing valves to other type of connected available valves.

WIDE RANGE OF HALTIAN IOT DEVICES

Thingsee GATEWAY GLOBAL

Thingsee AIR

Thingsee BEAM

Thingsee PRESENCE

Thingsee ENVIRONMENT

Thingsee GATEWAY LAN

Thingsee DISTANCE

Thingsee ENVIRONMENT RUGGED

Thingsee LEAKAGE RUGGED

Thingsee ANGLE RUGGED

Thingsee POWERCOVER

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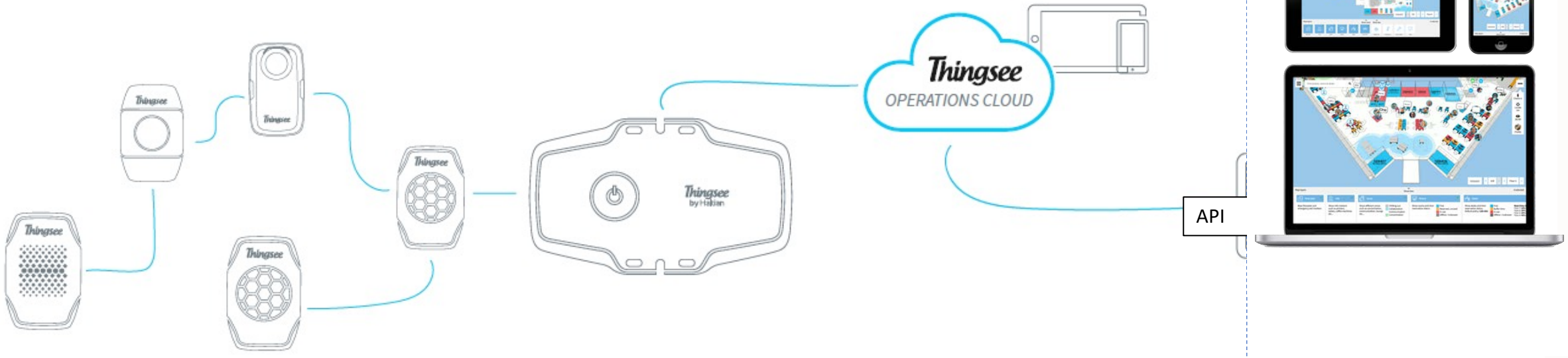

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