GLOBAL COLD CHAIN EXPO

JUNE 10-12, 2019 | CHICAGO, IL

NORTH HALL, MCCORMICK PLACE

GLOBAL COLD CHAIN EXPO

ENABLING COLD CHAIN VISIBILITY

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VP Business Development

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THE GEOLOCATION PLATFORM FOR IOT

Geolocation is crucial for the growth of low-power internet of things

The industry analyst firm IDATE projects 2.25B devices by 2025

‘80% of all applications in LPWAN need geo-localization once or on a permanent basis of the life time of the products.’ Ståle Pettersen, VP Semtech (Founder of the LoRa-Alliance)

Supply chain & 3rd Party-Logistics

Airports, Seaports, Hospitals, Campuses

IoT operators, Local governments

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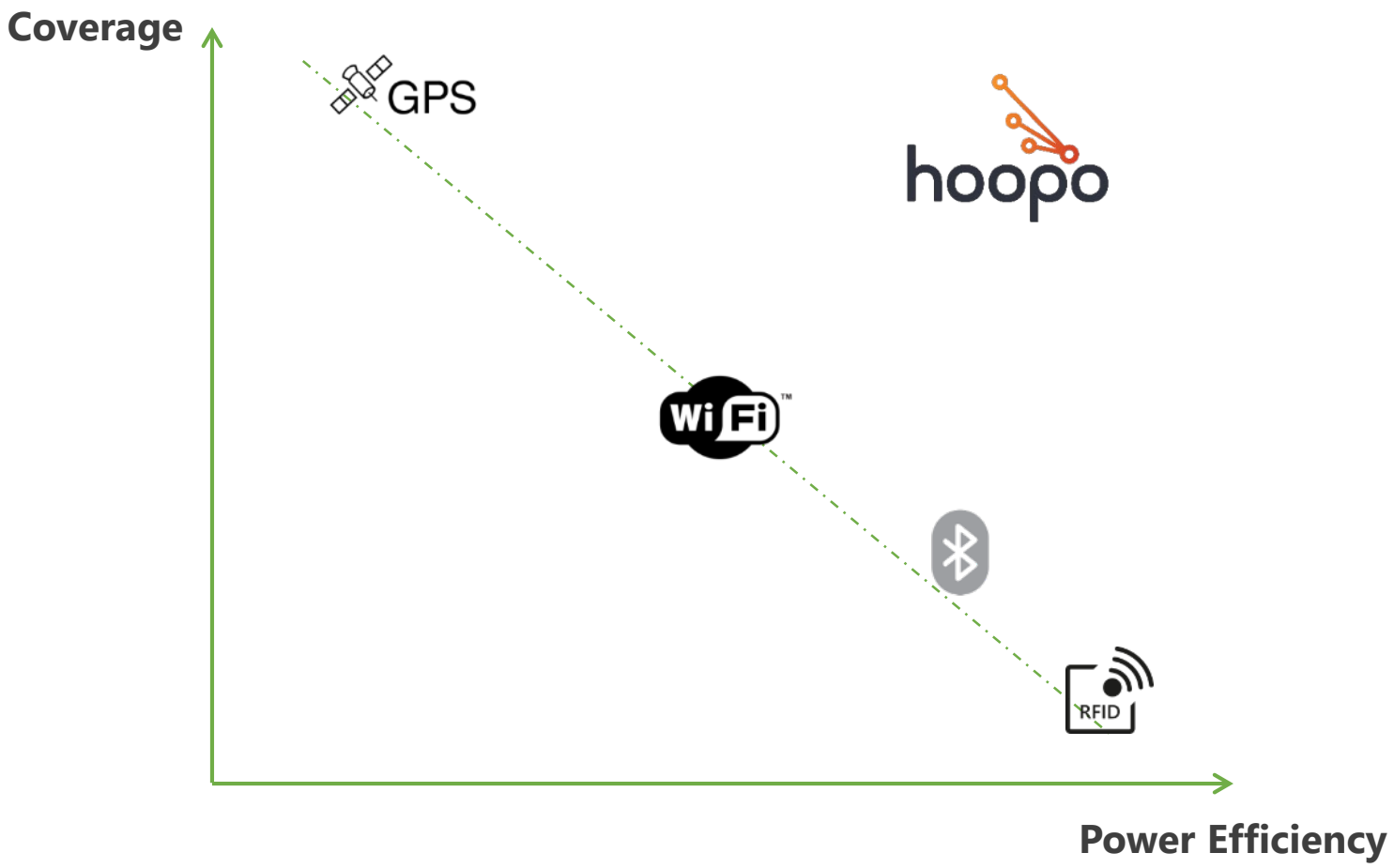
EXISTING GEOLOCATION TECHNOLOGIES



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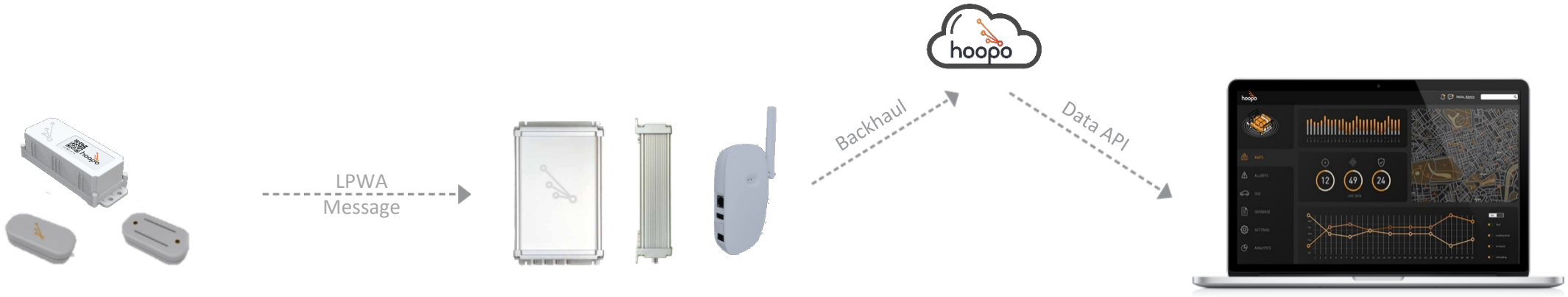
EXISTING MONITORING SOLUTIONS

Features	GPS	RFID / BLE	hoopo (LPWA)
Accurate Geolocation Capability	V	X	V
Long Battery Life	X	V	V
Long Communication Range	V	X	V
Indoor coverage	X	V	V
Affordable Infrastructure	V	X	V
Low costs for IoT devices	X	V	V

LPWA CONNECTIVITY & GEOLOCATION PLATFORM



SMALL & LOW-COST DEVICES

Based on leading LPWA technology

IP68 to withstand hot wash

Battery for 5 years of operation

Measured parameters:

- Temperature
- Humidity
- Impact

GEOLOCATION & DATA

- Ethernet / cellular backhaul
- Communicates & tracks devices using a proprietary technology
- 4 outdoor GWs can cover ~2 square miles
- Indoor deployment is also available

VISUALIZATION & ANALYTICS

Visualize assets' location

Generate real-time alerts:

- Movement detection
- No movement for over X days
- Geo-fence alerts
- Rule-based system for additional alerts

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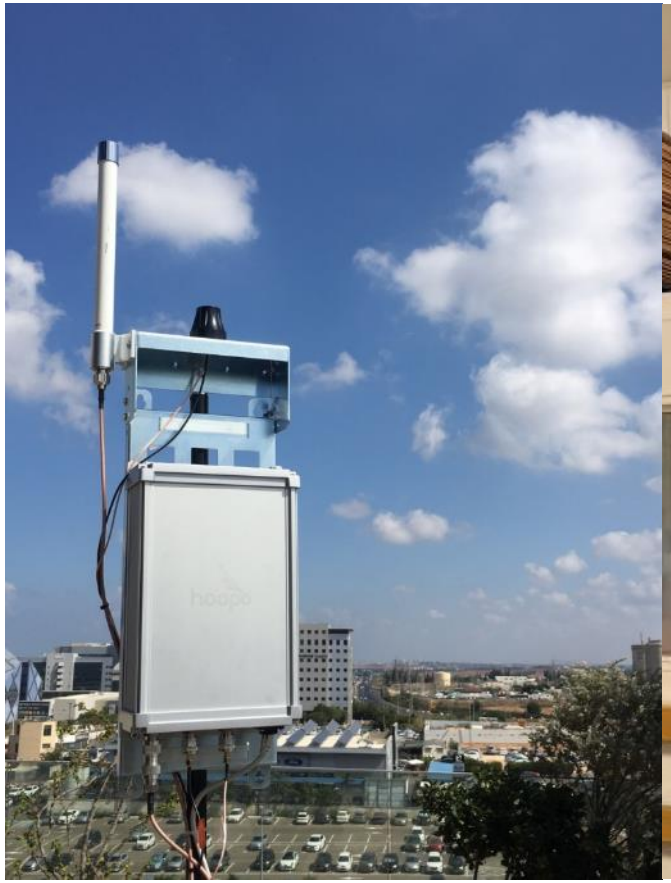
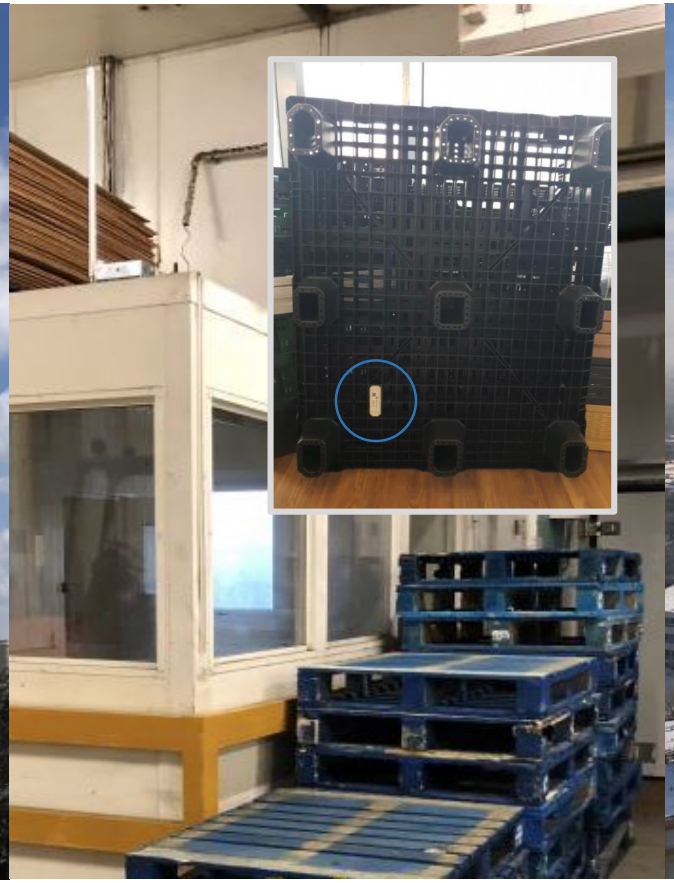
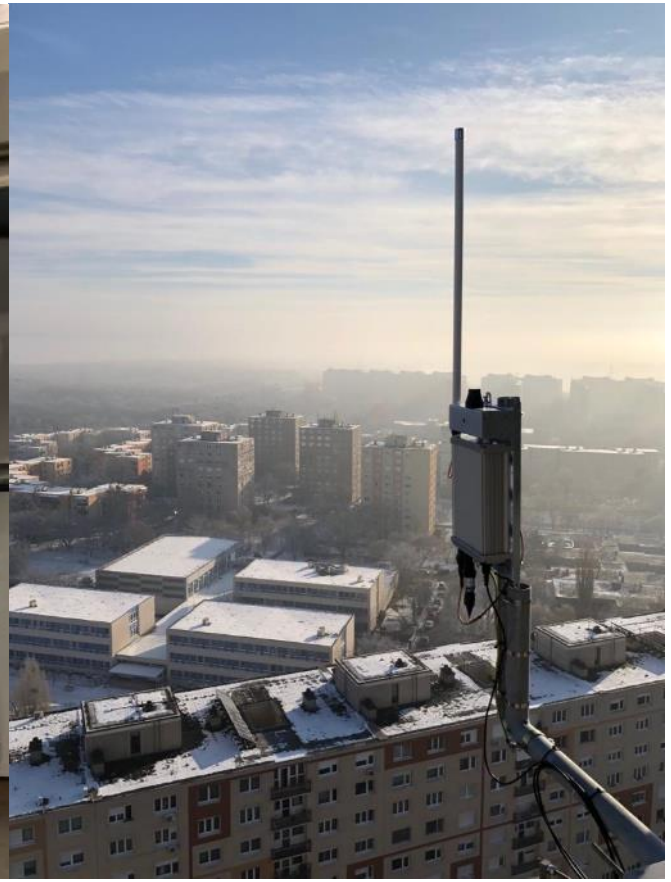
FIELD DEPLOYMENTS







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INSIGHTS-DRIVEN
COLD-CHAIN

On The Move

Ensure supply quality:
Continuous temperature monitoring

Retail

Ensure supply quality:
temperature history

Monetize cycle:
Alert X days

Exact pallet tracing:
no loss

Logistic & Dispatch Center

Monetize cycle by monitoring process (loading to dispatch)

Pallet Pooling Logistic Center

Improve Cycle Efficiency
Reduce bottlenecks

PREVENT LOSS

VISIBILITY TO CUSTOMERS

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Thanks. For more information contact:

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