

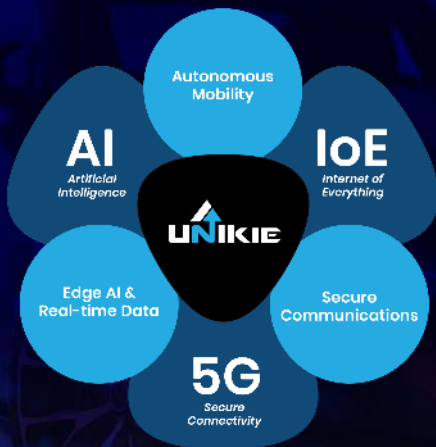


SMART SPACES & SITUATIONAL AWARENESS

IN
INDUSTRIAL LOGISTICS
& TRANSPORTATION

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WE ARE UNIKIE



Technology for secure realtime processes and consulting for related demand.

We bind together three global macro trends – **IoE, 5G and AI.**

We enable the use of **continuous situational awareness** for autonomous mobility, **augmented operational assistance**, and process management.

GOALS 2024

REVENUE 100+ M€ 1000+ EMPLOYEES

BUSINESS UNITS

AUTOMOTIVE & MOBILITY

INDUSTRY 4.0

SECURE COMMUNICATIONS



45 M€

REVENUE (2021)

+150%

EMPLOYEE GROWTH (2021)

500+

GLOBAL CLIENTS

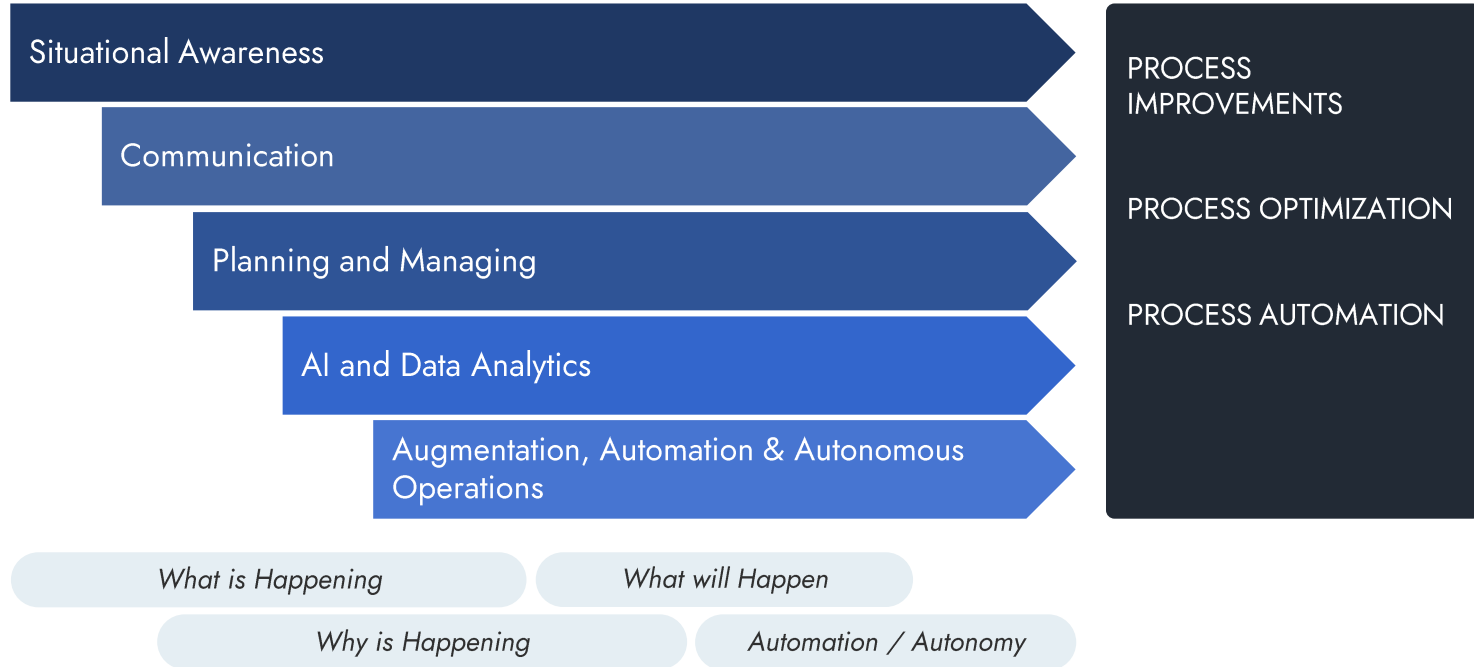
60+

EMPLOYEE NET PROMOTOR SCORE



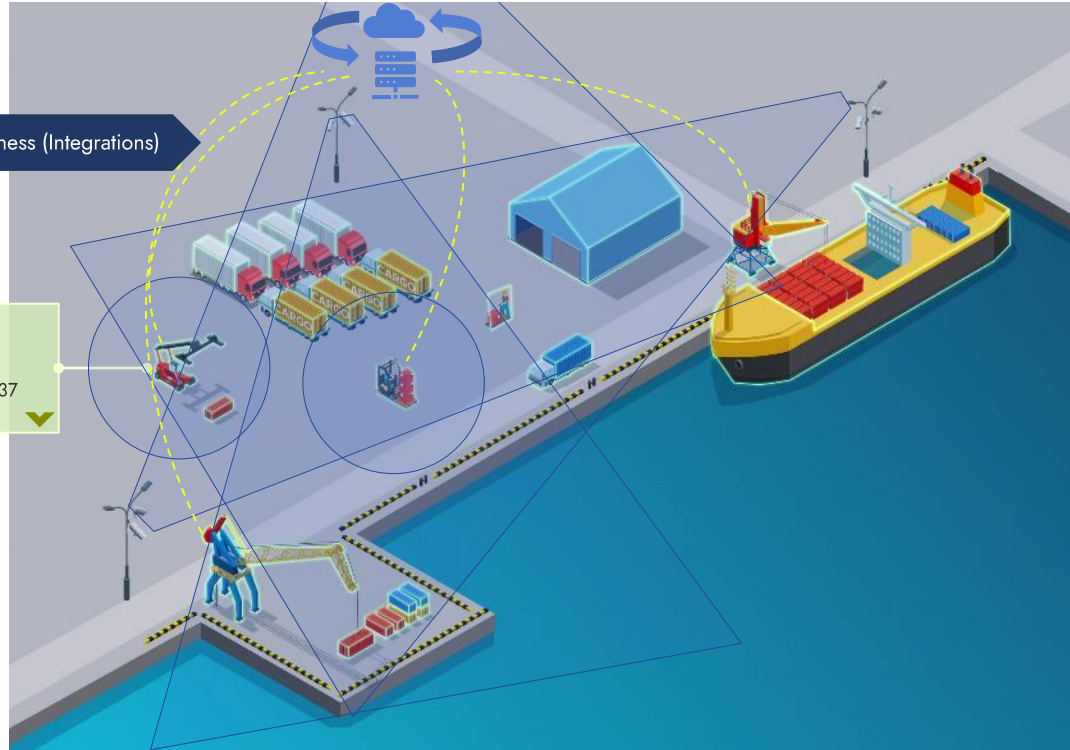
Finland (HQ),
USA, Germany,
Sweden, Poland,
Estonia, France

SITUATIONAL AWARENESS IN DIGITALIZATION PROCESS



UNIKIE DWIN - SMART SPACE

Computer vision and connectivity based real time awareness



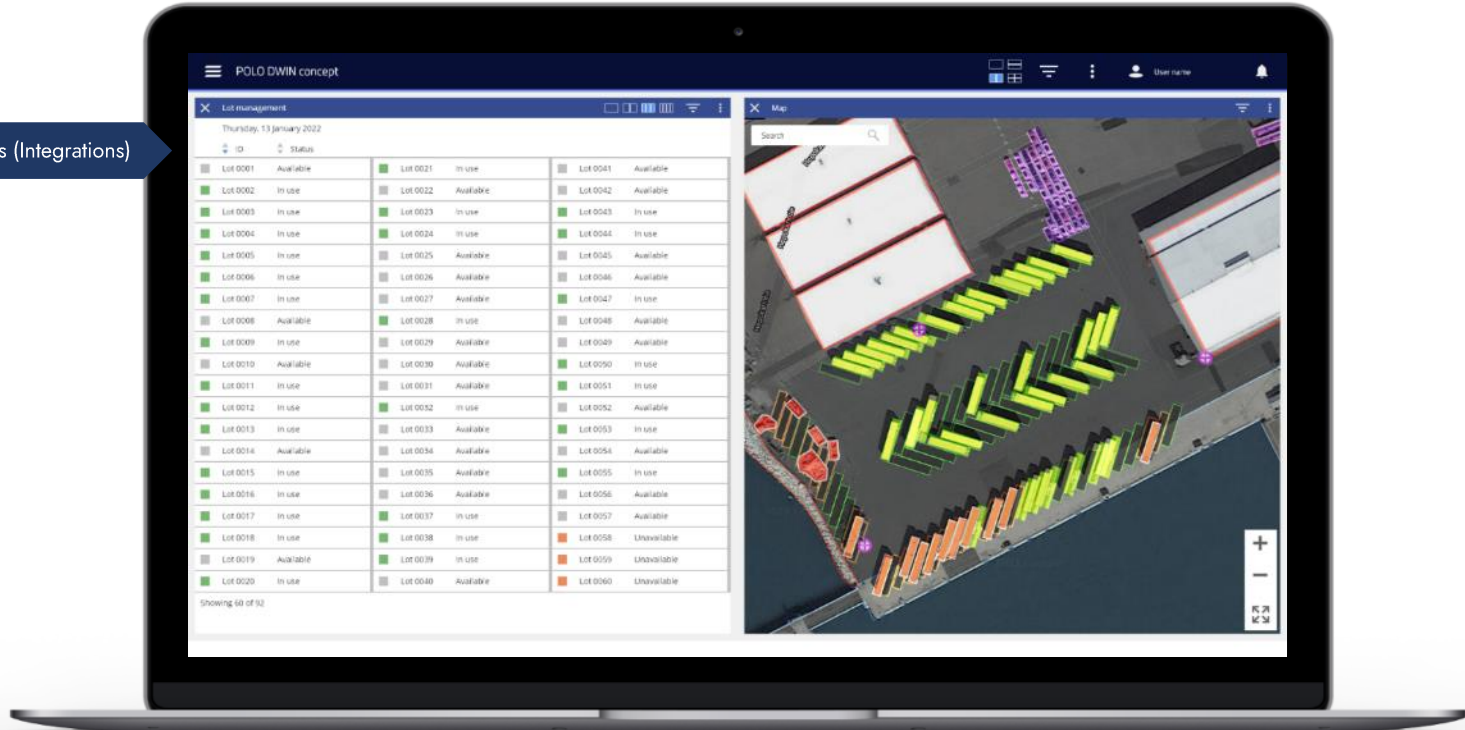
Why: lack of location, position and status data of machines, vehicles and cargo. Time, fuel and money is spent for unnecessary manual processes, driving and waiting.

What: DWIN Smart Space is tracking everything, all objects whether moving or static in the area, and creates real time map and digital twin. It also collects statistical data for dash boards and data analytics, AI and Neural Networks

How: Smart Space consists of sensors located in infrastructure and in moving vehicles, connected machines and other assets

CASE EXAMPLE: SMART PORT

Situational Awareness (Integrations)



CASE EXAMPLE: PRODUCTION SITE LOGISTICS

Augmentation, Automation & Autonomous Operations



What: Routine drives, on-site transit drives, and last mile transportation can be automated even with retro-fit to existing fleet

Why: cost savings, increasing productivity and security, and decreasing material damages and emissions

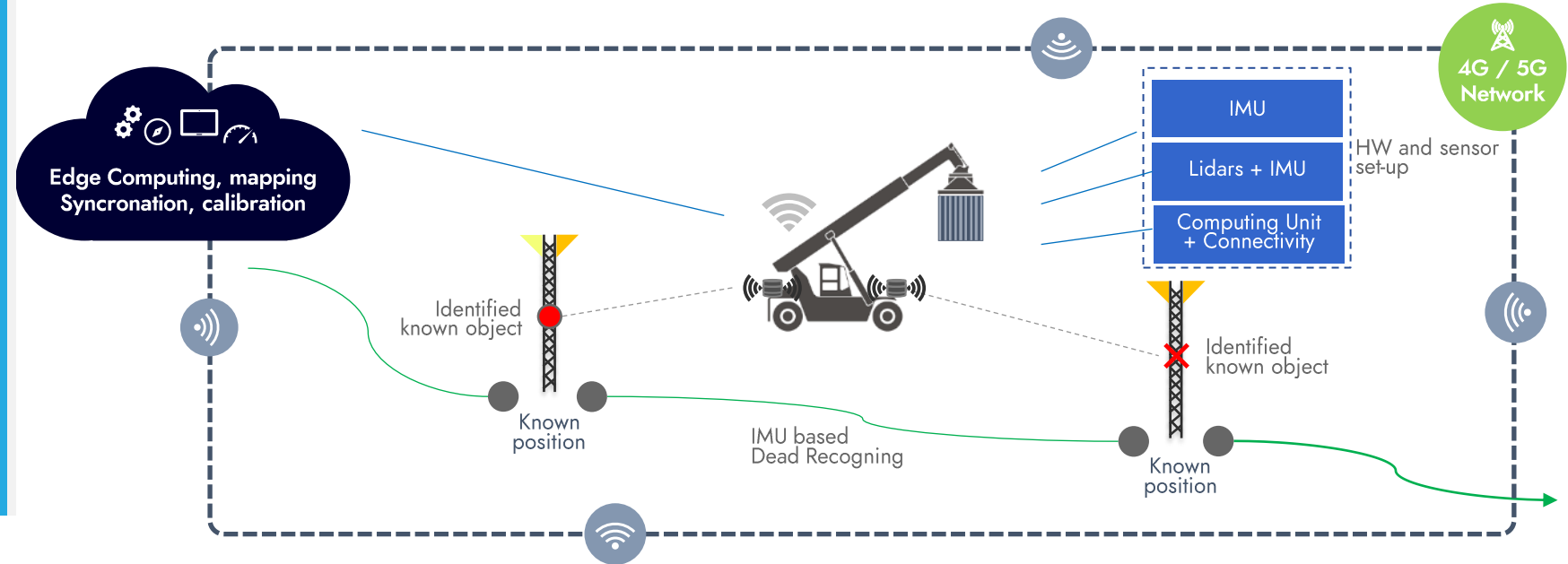
How: Infrastructure centric autonomous driving. Smart Space, fleet management, connectivity and autonomous driving

CASE EXAMPLE: CONTAINER TRACKING

What: Capability to locate and track any moving object without GPS signal

Why: lack of location, position and status data of machines, vehicles and cargo. Time, fuel and money is spent for unnecessary manual processes, driving and waiting.

How: Combining various sensors, machine vision, AI technologies, connectivity and EDGE architecture



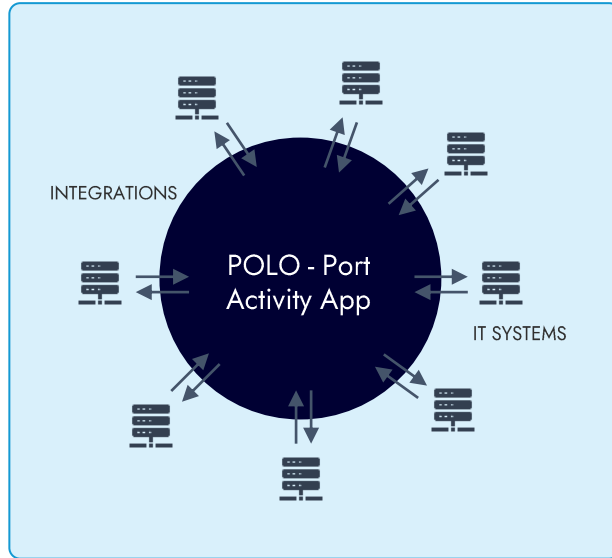
CASE EXAMPLE: AUTOMATED VALET PARKING

Augmentation, Automation & Autonomous Operations

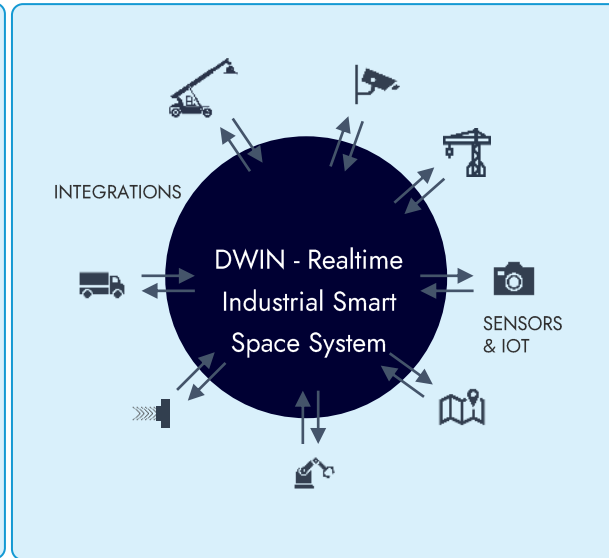


UNIKIE'S SITUATIONAL AWARENESS AND AUTOMATION SOLUTIONS

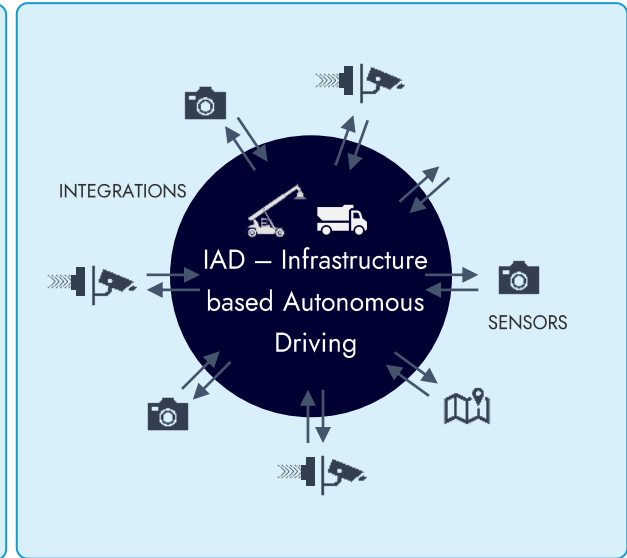
FOR PORTS, LOGISTICS AND INDUSTRIAL YARDS



- Integration Based Situational Awareness
- collecting, visualizing and sharing data
- Community and planning tool



- Sensor based Situational Awareness
- IoT, Machine Vision, AI



- Automation and autonomous driving
- Machine Vision, AI

WE DRIVE THE CHANGE

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