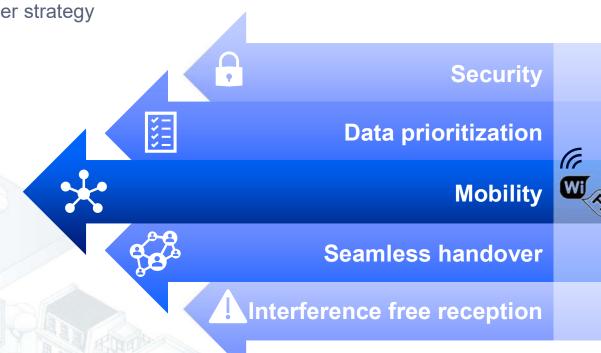


## Private 5G - The advantages of a private network with O<sub>2</sub> Telefónica

• "Shared" operating models according to customer strategy

- Highest network availability through dedicated operating processes
- End-to-end experience exchange including Global IoT and 5G Device THINX LAB
- Support with regulatory, standardization, and administrative issues
- Option to securely combine public and private networks
- Manufacturer-independent network technology





## **Current trends accelerate digitization in industry and logistics**

Production of new, digital products



- High personalization
- On-demand production



Highest availability for complex machines



Efficiency and quality assurance pressure in production and logistics

Market effects accelerate Industry 4.0



Global logistics chain



Energy costs and sustainability



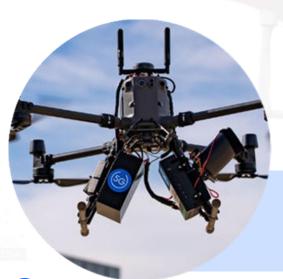
Lack of qualified personnel



## Successful partnership of Unmanned Life and o2 Telefónica

#### Challenge

- 24/7 monitoring of the site by security personnel
- False alarm causes unnecessary sorties
- Transmission of video recordings securely and in real time via a central security system







**80 x** faster response



35% savings in operating costs



66% less working time for monitoring activities



**15 x** more resource efficient than manual monitoring



Additional inspection of the PV system on the roof

The solution from **Unmanned Life:** 



drones



face recognition



Seamless integration with the command center



connectivity



# THE SOFTWARE **PLATFORM**

FOR SEAMLESS ORCHESTRATION OF AUTONOMOUS ROBOTICS

W W W . U N M A N N E D . L I F E

















## **Enhance the Entire Ecosystem Through:**

# ONE PLATFORM

to autonomously deploy, control, and orchestrate fleets of robots and drones

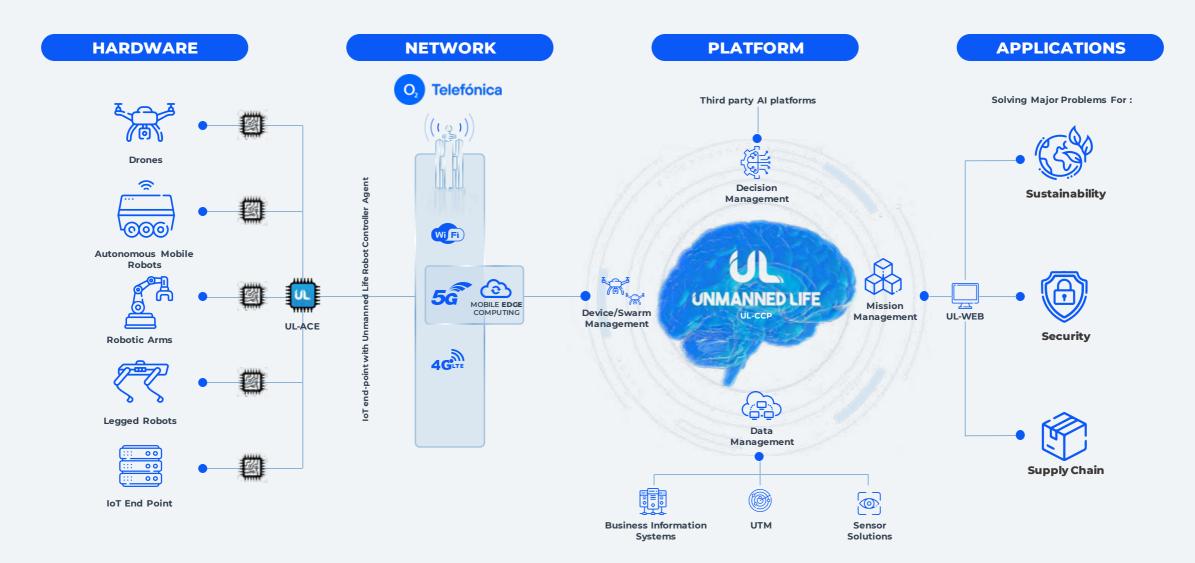








# **Olimination** Platform Architecture









We have a global partnership with EU Drone Port:

European Drone Hub for Testing, Certification, Training & Authorisations.

### We have obtained permits in 8 jurisdictions:





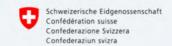












#### Use cases 5G:



Autonomous drone surveillance Autonomous

Telefónica







Mapping and Monitoring BVLOS





Surveillance **BVLOS** 











Autonomous Security and Asset Tracking Swarm

cellnex



Drone Fleet Search & Rescue Autonomous Swarm

Magenta®









Introducing Unmanned Life's cutting-edge fully autonomous drone-in-a-box surveillance product delivers efficiency and precision, whilst seamlessly integrating into diverse settings and systems.



**Drone Fleet Orchestration** 



Autonomous Surveillance Missions



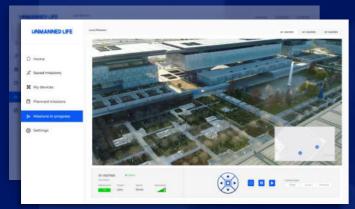
24/7 operations



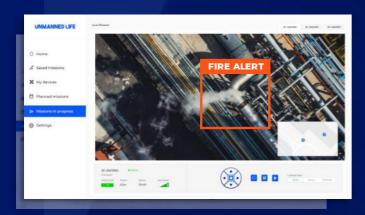


# **WIDE VARIETY**

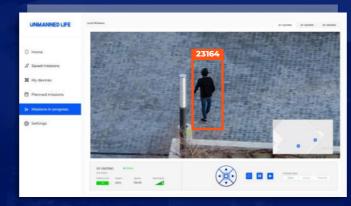
## OF USE CASES



SITUATION AWARENESS



FIRE DETECTION



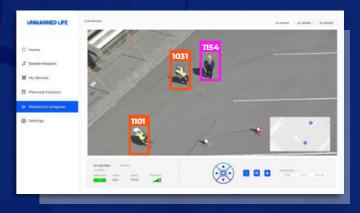
INTRUSION DETECTION



PEOPLE TRACKING



MONITOR KEEP-OUT AREAS



PPE COMPLIANCE



0





# UNPARALLELED SECURITY CAPABILITIES













#### **BVLOS Ready**

Operations can be conducted remotely, regardless of the distance

#### **Swarm Orchestration**

Coordinating teams of autonomous drones to work together for security rounds

#### **AI-Powered**

Autonomous decisionmaking through AI for advanced analytics

#### **Network Agnostic**

Ensuring seamless connectivity, regardless of the type of on-site network

#### **Secured Data Flows**

Layering mobile network protection alongside our cybersecurity protocols

#### **Modular**

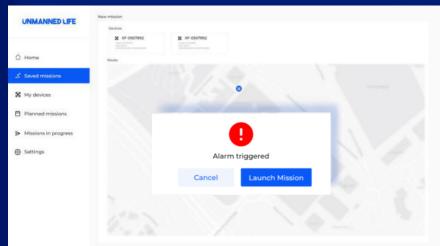
Easy to maintain and upgrade, with frequent new feature releases

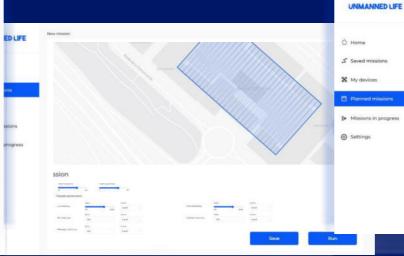


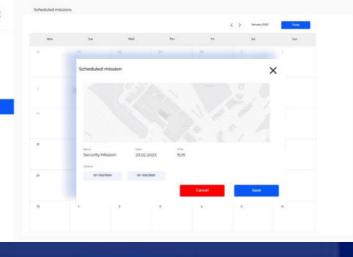


# **MULTIPLE**

## **DEPLOYMENT METHODS**









#### **Event Trigger**

Ensure situational awareness with autonomous drone launches to sensor locations.



#### **On-Demand**

Select the mission and parameters in real-time for prompt security rounds ad-hoc.



#### **Scheduled**

Upload predefined missions to the platform to ensure frequent surveillance rounds.



# OUR GLOBAL FOOTPRINT



J-SECURETY By Unmanned Life

Germany

Canada

Switzerland

Belgium

Spain

Spain

United Kingdom