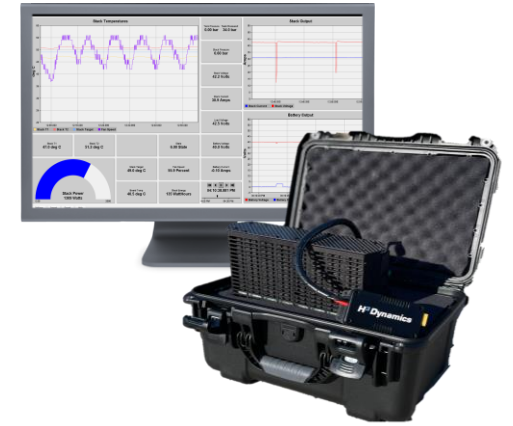OMNIBOTIX

H_2

Benefit for RPAS and surveillance systems

Enhanced Autonomy + Continuous Operations + Real-time Control and Data

H³Dynamics

Comprehensive Portfolio:

- Extends flight time 5-fold through hydrogen propulsion.

- Integrates Autonomous Module, Docking Station, and Recharge Refueling.
- Empowers diverse use cases with enhanced capabilities and longevity.

OMNIBOTIX

Achieving Unprecedented Benefits :

- ENHANCED AUTONOMY: 5x longer flight times, Payload capacity doubles, revolutionizing coverage, **Area coverage expands by up to 25 times**, enhancing surveillance and response capabilities.

- CONTINUOUS OPERATIONS: Unleashes 24/7 drone operations, remotely controlled nationwide, Robotics and sovereign cloud ensure 30-second flight initiation, Enables AI-driven autonomous UAS flights and robotic operations.

- REAL-TIME CONTROL AND DATA: Platform offers real-time control of sensor UAS payloads, Adheres to STANAG 4586 standard for data collection. Empowers data-driven decisions for defense and security.

OMNI
BOTIX

Drone-Agnostic Charging Station – For Fully Autonomous Operations anywhere around the world

Rain / Wind sensors

All weather and dust resistant IP 67

5G / 4G / 3G / Satcom

Auto-response

scheduled

On-demand

Off-grid / back-up / on-grid power connections

Industrial PC

H³Dynamics

Central operations command

- Automates drone services (no more drone pilots)
- Opportunity is global & across industry sectors
- Model: all-inclusive monthly recurring fees for clients

- *Drone-agnostic*
- *Sensor-agnostic / hot swappable*
- *Automatic battery charging*
- *Automatic missions*
- *Automatic data transfer*
- *System Fleet management*

ROBOT PATROLLING ON THE LARGEST AUSTRIAN POWER PLANT

100%AUTONOMOUS

1: SECURITY PATROLS

WIEN ENERGIE

- Persistent surveillance system , autonomous patrols all over the power station
    - detect illegal intrusion into prohibited areas from vehicles, people or even drones
    - detect outbreaks of fires or points that remained hot following a bombardment and offer firefighters a better view of the situation in real time in order to optimize their action.
    - mitigate risks due to fire-hazardous conditions and risk of deterioration
    - ensure more frequent asset inspection and monitoring