



Making physical world  
programmable, with AI



# Seasoned team with previous exits and deep AI and Robotics knowledge

We provide **ALL** the physical AI infrastructure **from code to physical world**.

## Founders



**Simone Di Somma**

CEO & Founder

Ex-SAP (Askdata acquired 2022)  
Enterprise AI, global go-to-market



**Max Lungarella, PhD**

CTO & Co-Founder

100+ publications in robotics  
AI controllers, autonomous systems



**Vittorio Banfi**

CPO & Co-Founder

Ex-Google, 500-startups  
AI-driven Dev tool expert



Official Partner  
"Project Embodied AI"



Startup Partner  
Inception Program

**4 locations**

Milan, Zurich, Bangalore,  
San Francisco

**USD 8.2M**

Raised from  
Venture Capital

# Physical autonomy demand is booming

From factory floors to open skies: every industry is asking the same question:



**Can I use drones to inspect?**

wind turbines, power lines, bridges, rooftops - without sending people up?



**Can I use robotic arms to automate?**

picking, placing, welding, quality checks -without rewiring the whole line?



**Can I use rovers to patrol?**

warehouses, construction sites, utility plants - without a person per shift?



**Can I use cameras + AI to detect?**

defects, anomalies, intrusions - in real time, at the edge, on any feed?



**Can I orchestrate mixed fleets?**

of drones + arms + rovers + sensors - across sites, from one control plane?



**Can I go from prototype to production?**

without 12 months of middleware, vendor lock-in, and custom integration?

The answer to all of these is **yes**. But today's tools make it **absurdly hard**.

## THE PROBLEM

But deploying physical autonomy is super complex



## THE PROBLEM

**Companies want to automate physical processes. But it's a slow and costly process.**

### Custom Software

Every project requires custom integration. High costs, long lead times, no reuse across different projects or sites.

### Vendor Lock-in

Systems are immutable once deployed. Proprietary APIs hinder interoperability between robots from different vendors.

### Data in Silos

Operational data remains isolated by vendor and site. No aggregated visibility, no cross-fleet improvement.



# Cyberwave streamlines physical AI deployment

One line of code -> one deployed robot

Mavic

```
my_drone =  
twin("dji/mavic3")
```



Universal Robot UR5

```
my_cobot =  
twin("ur/ur5")
```



Unitree Go2

```
my_quadruped =  
twin("unitree/go2")
```



```
pip install cyberwave
```



# You can test in simulation as you would program software, and deploy into the physical world

Standard, prebuilt integrations for physical world

```
my_cobot =  
twin("ur/ur5")
```

1



## Digital Twin Catalog

One standard API per asset. Write once, run on any hardware

2



## Test in Digital

Simulate before deploying. Dry-run checks and validation gates

3



## Deploy in Physical

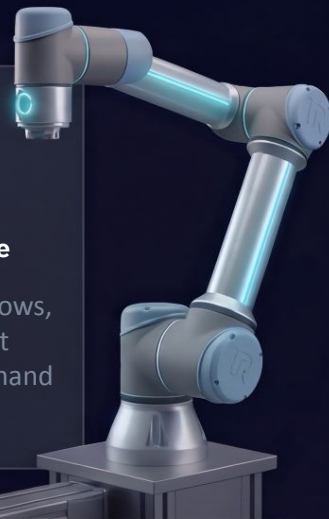
Task assignment, deconfliction, and real-time monitoring across mixed fleets

4



## Secure Governance

Approval workflows, and full audit logs. Every command traceable



# Same projects. 10x faster.

Cyberwave handles the infrastructure. You focus on the AI.

## Inspection

*Drones, cameras, sensors*

- ✓ Register drone as digital twin - any vendor
- ✓ Scan automatically the digital environment
- ✓ Simulate full flight within the same platform
- ✓ Deploy with one command. Done.

## Manipulation

*Arms, grippers, PLCs*

- ✓ Plug-and-play driver for KUKA, Fanuc, UR
- ✓ Deploy vision model on-edge instantly
- ✓ Sim-to-real: test in twin before production
- ✓ Sensor data stays on-site. Privacy by design.

## Locomotion

*AMRs, quadrupeds, rovers*

- ✓ One fleet API across all vendors
- ✓ Task assignment + deconfliction built in
- ✓ Real-time monitoring + failover
- ✓ Scale from 1 to 100 robots. Same code.

# Thanks

## About Cyberwave:

We are enabling the next Physical AI revolution by building the infrastructure that (1) abstracts robots and sensors, (2) simulates with digital twins, (3) deploy into the physical and (4) governs execution safely.

## Contacts:

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## Simone Di Somma

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