



EPIC BLUE

With you all the way

Michael Ilsbroux – CEO



“
I don't know where he is...”

International Forum to Advance First Responder Innovation (IFAFRI)

**The ability to know the Location of Responders
and their proximity to Hazards in real-time**

Positioning Challenge

We spend 80% of our time in GNSS-denied environments

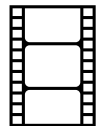
Indoor • Underground • City Canyons • Jamming • Metallic Interference



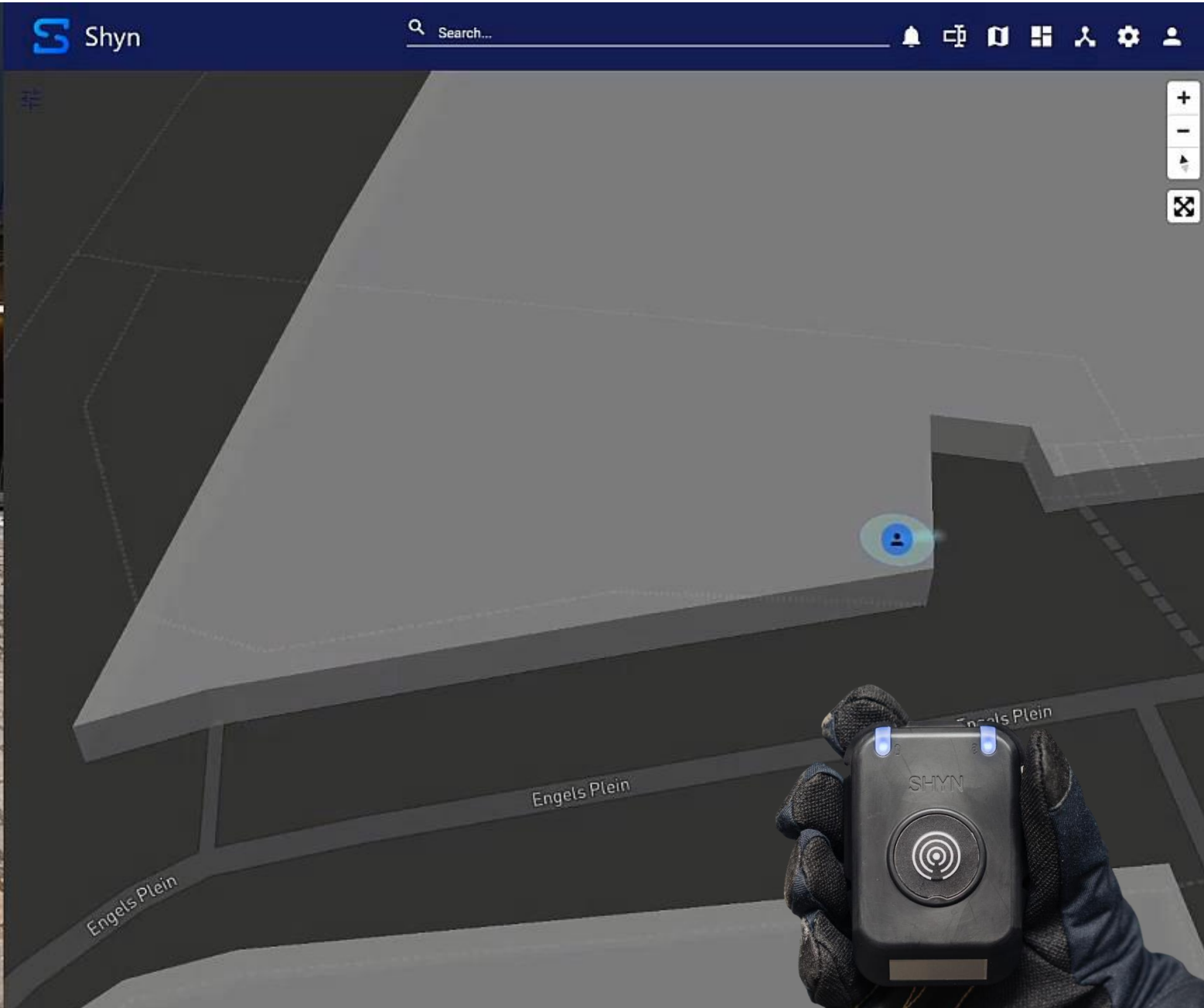
The first personal AI-driven wearable

to model human movement for seamless indoor and outdoor tracking

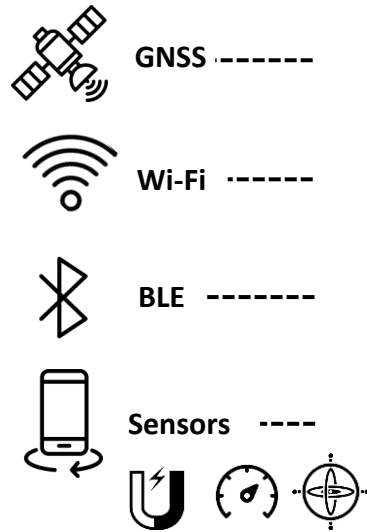
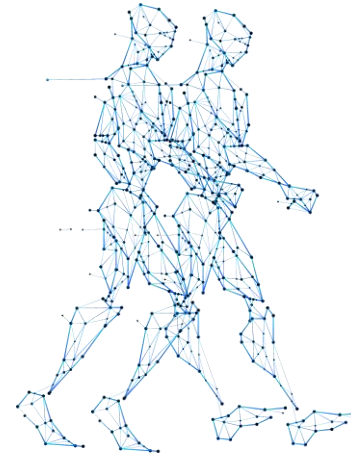
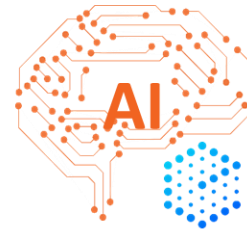
 **SHYN**



Introduction
movie



Core principle of our technology

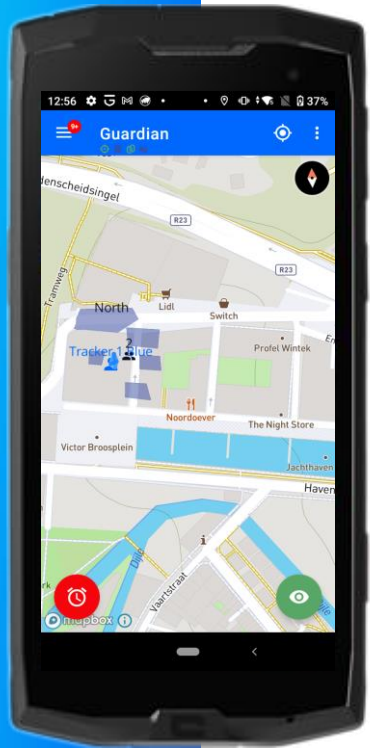


Capture Smart Device location
and movement data...

...which our trained AI engine uses for Inertial
Navigation based on the physical motions of
Smart Devices...

...and fuse with GNSS, BLE,
Wifi, building data to calculate
positions.

On-device edge processing software for accurate 3D positioning of smart devices in any environment



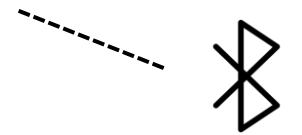
GPS

**HD GNSS
Localisation**



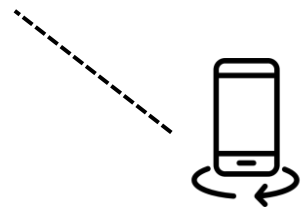
Wi-Fi

**Wi-Fi
Localisation**



BLE

**Beacon
Localisation**



Sensors

**AI Inertial
Localisation**



Outdoors

Combine and fuse localisation technologies



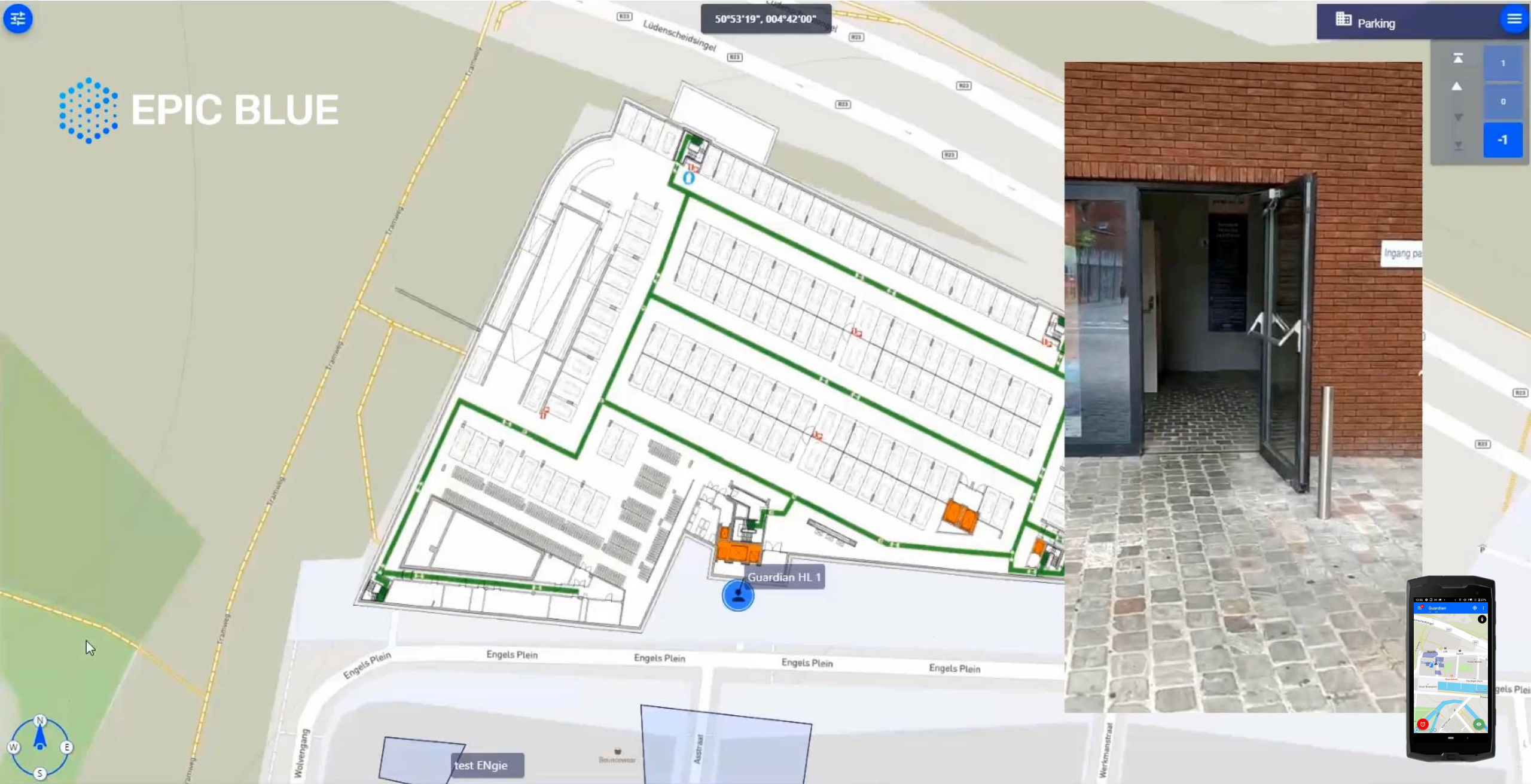
Indoors



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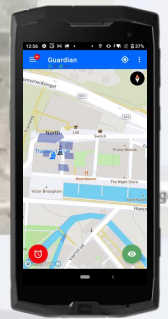
50°53'19", 004°42'00"

Parking



Navigation controls:

- Up arrow
- Down arrow
- 0
- 1
- 1



test ENGIE

Sounowear

Austrar

Werkmanstraat

Engels Plein

Global need for seamless positioning solutions



Security



1st responders
Search and Rescue



Oil & Gas



Mining



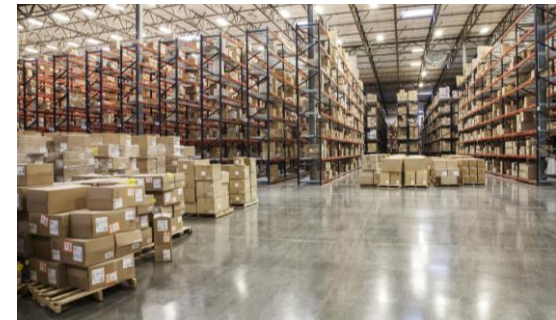
Production



Policing
Critical Infrastructure



Border Protection
Government



Warehouses

GNSS+



+



+



EPIC BLUE

Hyper Location

High Accuracy real-time GNSS+ for Emergency response



Coordination

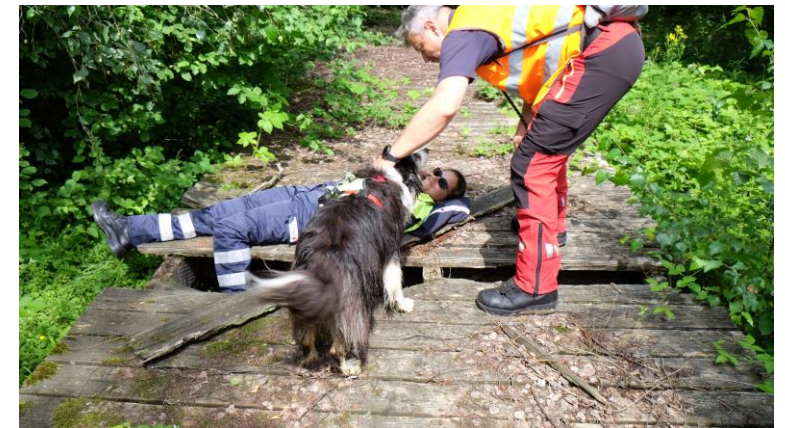
**Cities
Rubble
Tunnels
Mountains
Woods**



Search and Rescue



After action review



Extraction



umicore

Reference Customer

Epic Involved in 4 separate projects

Problem

Materials processing customer needed to locate and secure workers both indoors and outdoors at two separate industrial sites. The sites cover a large area and each have 30+ processing and storage buildings.

Solution

Epic Blue integrated its people and vehicle tracking capabilities

- Seamless indoor/outdoor tracking
- Monitoring operator safety
- Fully compliant with IT security requirements



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Reference Customer

Problem

Customer lacked any insight as to the location of the emergency response teams, no situational awareness.



Solution

Epic Blue provided crucial tracking capabilities

- Tracking 150 1st responders
- Per second sensor updates
- Rapid deployable location awareness system
- 24/7 uptime



Europe Top 50
innovative startups



EDA Defense
Innovation Prize on AI

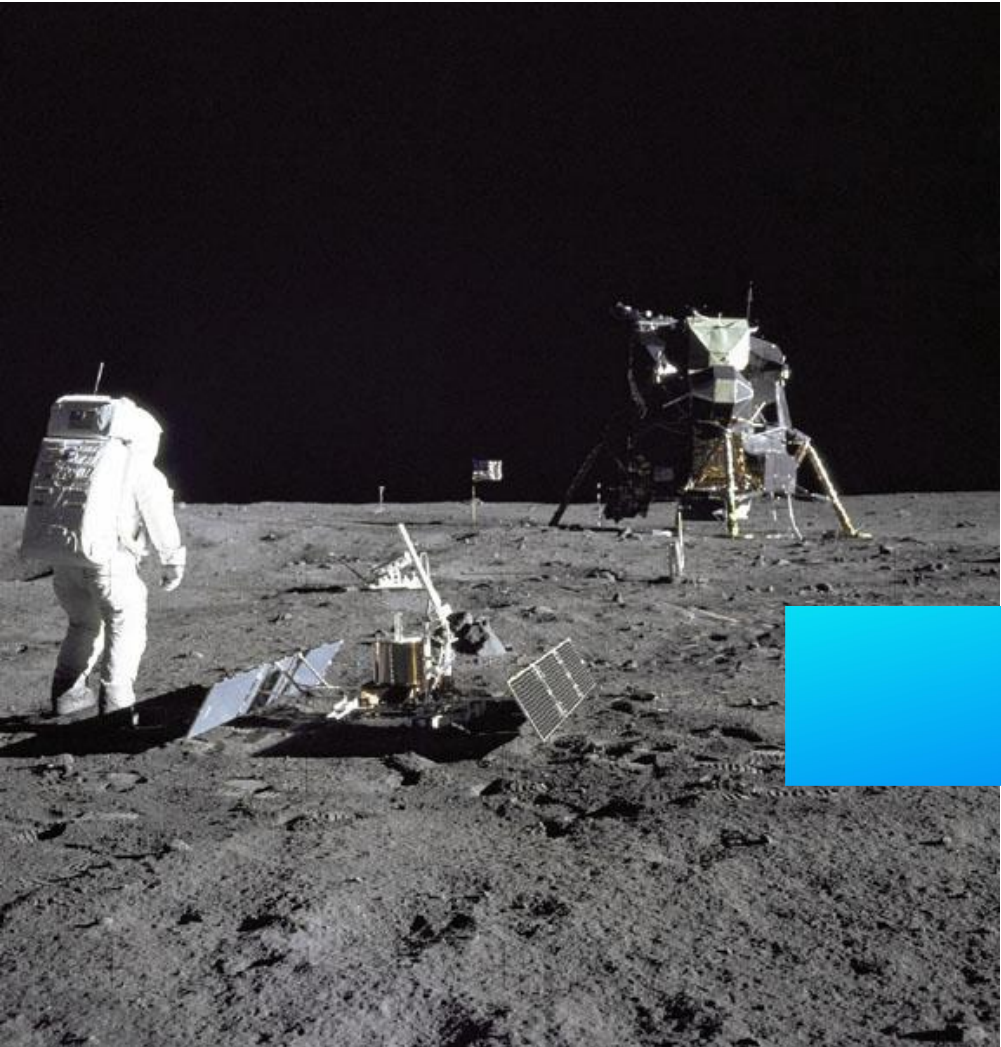


Deloitte fast50
Most Disruptive Innovator



Galileo Masters
SpaceAward Safe & Health





**Full 3D positioning
in any environment**

EPIC BLUE

*We believe that people who feel safe & informed
drive operational excellence*



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