

Precise Global Positioning Everywhere

Enable Physical AI and Autonomy at scale

Q1 2026

Mars (Zhenzhong) Su, PhD

CEO & Co-founder | Fixposition AG

zhenzhong.su@fixposition.com

Problem

Today's positioning solution is rather a barrier than an enabler of Physical AI and Autonomy!

- GPS gives global position, but it doesn't work indoors
- Camera, Lidar and Inertial Measurement Unit (IMU) work indoor but only gives relative localization
- Loosely coupled solutions are expensive and hard to calibrate



www.fixposition.com | Precise global positioning everywhere

Fixposition's Solution

xFusion Software & Algorithm



- Deep fusion of Vision, GNSS, IMU and additional sensors to deliver precise positioning everywhere!
- AI for smart weighting & perceptive localization

10 times better

in performance and price in GNSS challenging environments

	Mean Dev. (% drift to distance during GNSS outage)	AVG Price
High-end RTK INS	5.7	\$20'000
Fixposition sensor	0.75	\$2'000

— xFusion FIXPOSITION

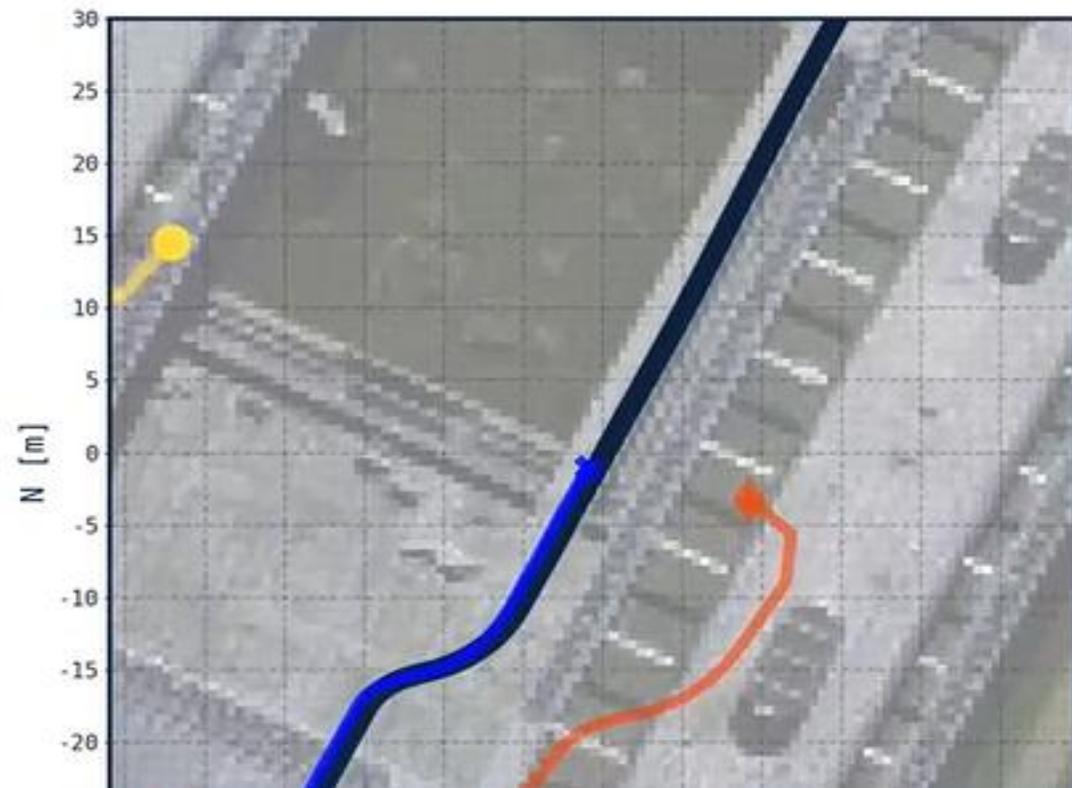
— RTK-GNSS

— \$20k High-end RTK INS

— Ground Truth



[YouTube Link](#) (4x speed)



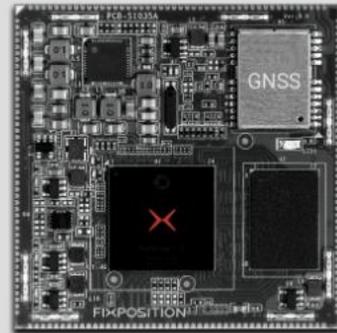
A SOLUTION THAT MEETS YOUR NEEDS

PRECISION ENGINEERED, SEAMLESSLY DELIVERED



SOFTWARE

- ✓ Licensing for high-volume OEMs
- ✓ Feature-based subscriptions



SYSTEM-ON-MODULE

- ✓ Low footprint, full feature solution
- ✓ Simplifying integration for OEMs



SENSOR

- ✓ Rugged plug play solution for easy integration
- ✓ A complete solution adapted to your platform



TAILORED SOLUTIONS

- ✓ Customise positioning solution to address your specific challenges

Positioning solution supplier to OEMs

- \$0.1M~\$2M contract value per customer per year
- Customer lock-in for 5-10 years (Recurring orders)
- Recurring revenue from SW subscriptions and licenses

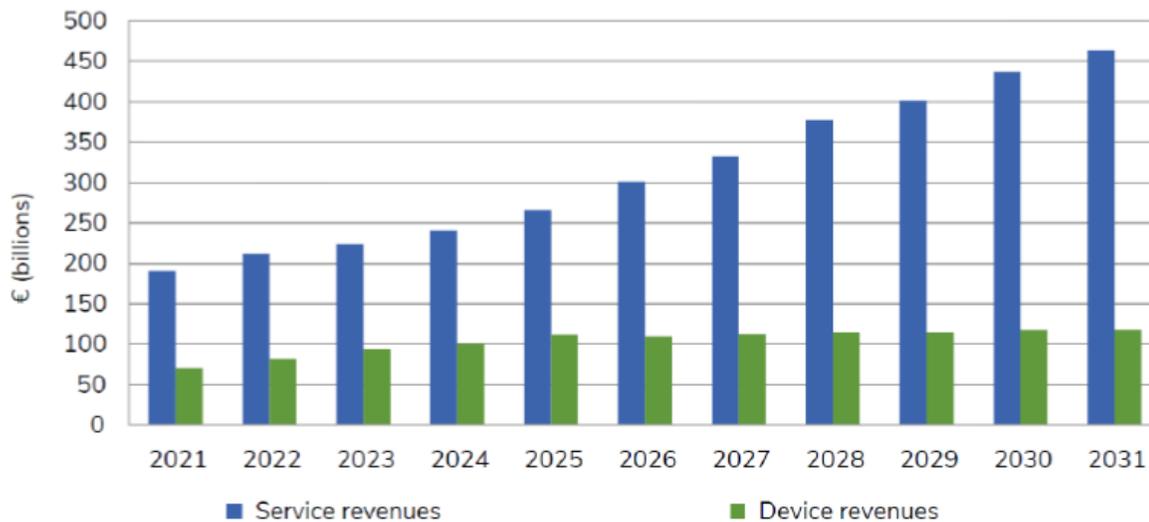
TAM: A €260 billion market in 2023

Our Technology can go after entire GNSS market

We focus on off-road autonomy OEMs

representing 3+ million units of robots and vehicles needing our technology

Revenue from GNSS devices sales and services



Source: euspa_market_report_2024



Landscaping



Mapping



Mining



Agriculture



Defense & Security



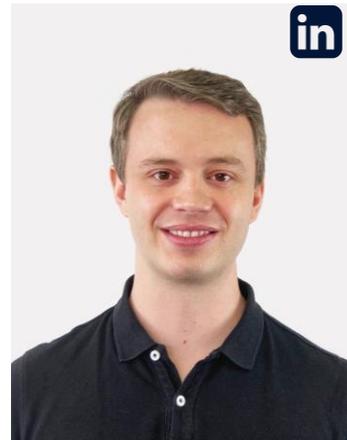
Port and Yard

The Right Team to Build and Scale this Technology



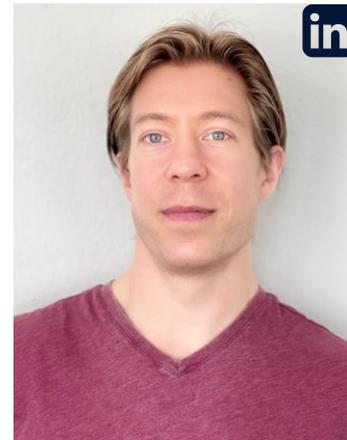
Zhenzhong Su, PhD
CEO & Co-founder

- + Winner of ESA space innovation prize
- + ETH Pioneer Fellowship
- + PhD in **High-Precision GNSS**, ETH Zurich
- + Digital Shaper 2019 (Bilanz)



Lukas Meier
CTO & Co-founder

- + **ETH Pioneer Fellowship**
- + MSc. in Robotics and **Computer Vision**, ETH Zurich



Peter Mardaleichvili
COO

- + **Senior Consultant at Deloitte**
- + Background in mechanical engineering and robotics
- + Startup co-founder (furnishing space)



Ulf Claesson
Chairman

- + **Serial Entrepreneur and Investor**
- + **Global Technology Executive: Ex-Division Head at HP, Ex-Executive Director at IBM**
- + Ex-Chairman and board member of Avast (now NYSE: GEN), Koubachi (Acq. by Husqvarna)



Our investors: **true Ventures**



HASLERSTIFTUNG



Best Timing for Our Technology!

- Global challenges like labor shortage, food security, energy transition require more autonomy and Physical AI.
- AI is accelerating the mass adoption of robotics and autonomy.
- Fixposition's technology is becoming a core layer in every autonomy stack built to scale!
- **Raising \$7M to expand the market and growth.**

