# GoSense



ASSISTIVE TECHNOLOGIES / INDEPENDENT MOBILITY

## Technology that supports independent living

Founded in 2015 in Lyon, France, GoSense develops and commercialises assistive technologies for blind and visually impaired people. Our expertise combines proprietary 3D sensing, embedded software, spatial audio, inertial sensing and accessible navigation.



### TWO COMPLEMENTARY TECHNOLOGY PLATFORMS



#### RANGO

Smart white-cane attachment with proprietary 3D ultrasonic sensing, real-time obstacle and collision-risk detection, and intuitive spatial audio alerts.



#### NOOR

Open-ear audio, low latency, spatial sound and integrated inertial sensors (accelerometer, gyroscope, magnetometer).

# Research capabilities & European collaboration

## WHAT WE BRING TO A CONSORTIUM

### 3D sensing & embedded systems

Real-time obstacle detection, environmental perception and device integration.

### AI & computer vision

Visual scene understanding, obstacle/door recognition and intelligent voice assistance.

### Multimodal sensor fusion

Combining camera, ultrasound and inertial data for robust perception and localisation.

### Spatial audio & interaction

Low-latency directional audio and accessible human-machine interfaces.

### Accessibility data & mapping

Collecting and analysing urban accessibility data for personalised pedestrian routing.

### Field research & validation

Prototyping and testing with visually impaired users and mobility professionals.

## PROVEN EUROPEAN RESEARCH EXPERIENCE

### INSPEX

Horizon 2020 / Grant Agreement 730953

GoSense participated in the CEA-coordinated INSPEX project (2017-2019), focused on miniaturised multisensor spatial exploration. The project received the Special Jury Prize at the 2020 Etoiles de l Europe Awards.

### SEOUL SMART CITY PRIZE 2026

GoSense was also recognised at the Seoul Smart City Prize for its contribution to more inclusive urban mobility.

## PRIORITY HORIZON EUROPE CALL

### HORIZON-HLTH-2027-01-STAYHLTH-01

Addressing disabilities through the life course to support independent living and inclusion.

Seeking collaboration with universities, research institutes, disability and rehabilitation organisations, technology partners and public authorities.

INSPEX project: cordis.europa.eu/project/id/730953