

# Autonomous Indoor/Outdoor SAfety TRacking system

## Objectives:

- High availability and integrity: Enhanced positioning and tracking system with EGNOS service
- Develop a set of tracking and alerting application protocols for fire services
- Increased safety trust of firefighters and fire chiefs
- Enabling improved fire suppression operations based on the AIOSAT system
- Reduce the impact of fires on the environment, health and economy

## Concept:

The AIOSAT system will support:

- Safe team location tracking
- Increasing successful operation rates
- Avoid operation fatalities

## Portable system:

- Continuous position transmit
- Data exchange and alerting system

## Mobile Coordination Centre:

- Command and Control centre
- EGNOS and EDAS services enhancement for positioning
- Alerting system
- Additional communication system for coordination and information gathering

## R&I activities:

- Galileo and EGNOS safety critical positioning solutions
- Indoor / outdoor positioning
- Tracking and alerting system for emergency services
- Wireless communications

## Project acronym:

AIOSAT

## Project title:

Autonomous Indoor/Outdoor Safety Tracking system

## Project type:

Innovation Actions (IA)

## Programme:

H2020-GALILEO-GSA-2017-1

## Project reference:

776425

## Start date:

1<sup>st</sup> December 2017

## Duration:

30 months

## Total cost:

€2,032,650.00

## EU funding:

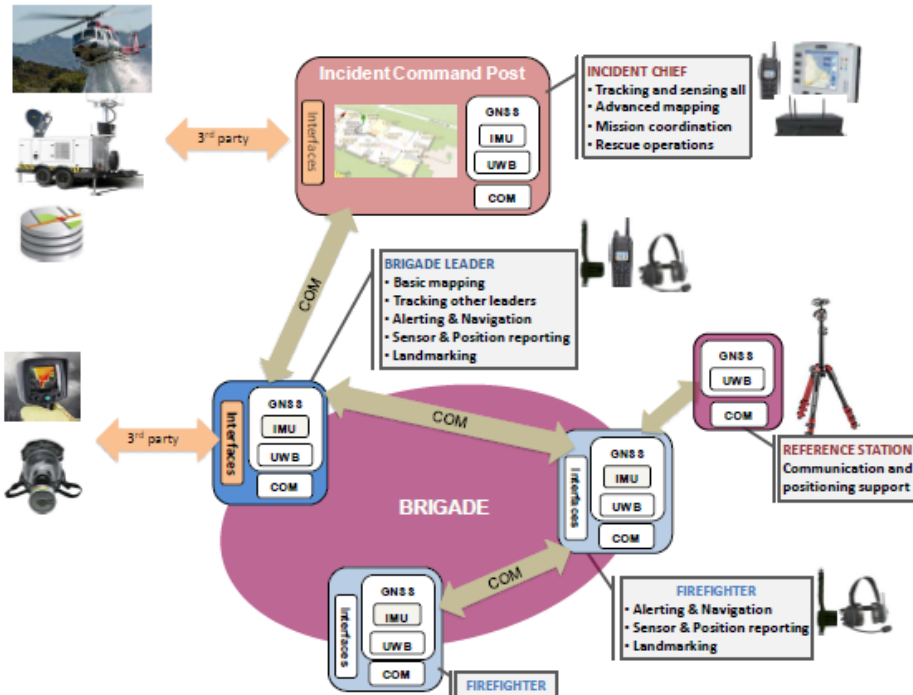
€1,764,262.50

## Project website:

<http://www.aiosat.eu>

## Project partners:

Asociacion Centro Tecnológico Ceit-IK4 (ES) (Coordinator)  
Integrasy SA (ES)  
Stichting Saxion (NL)  
Ecole Royale Militaire (BE)  
Inertia Technology B.V. (NL)  
Hulpverleningszone Centrum (BE)  
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