



**MINISTERO DELL'INTERNO**  
**DIPARTIMENTO DEI VIGILI DEL FUOCO DEL SOCCORSO PUBBLICO E DELLA DIFESA CIVILE**



# Ministero dell'Interno



**Dipartimento dei Vigili del Fuoco  
del Soccorso Pubblico e della Difesa Civile**

## **Italian National Fire Corps vs. R&D Activities**

**Ing. A. Gambardella – Direttore Centrale Risorse Logistiche e Strumentali**



# CORPO NAZIONALE VIGILI DEL FUOCO

## Italian National Fire Corps (CNVVF)



CNVVF belongs to the

Ministry of Interior,

Department of Fire and Rescue  
Services and Civil Defense



- 30.000 professionals
- 1.500 Senior Technical Officers
- 4 Central Directorate in Rome
- 18 Regional Directorates
- 100 Provincial Departments
- 800 fire stations.



# LIAISON - LBS

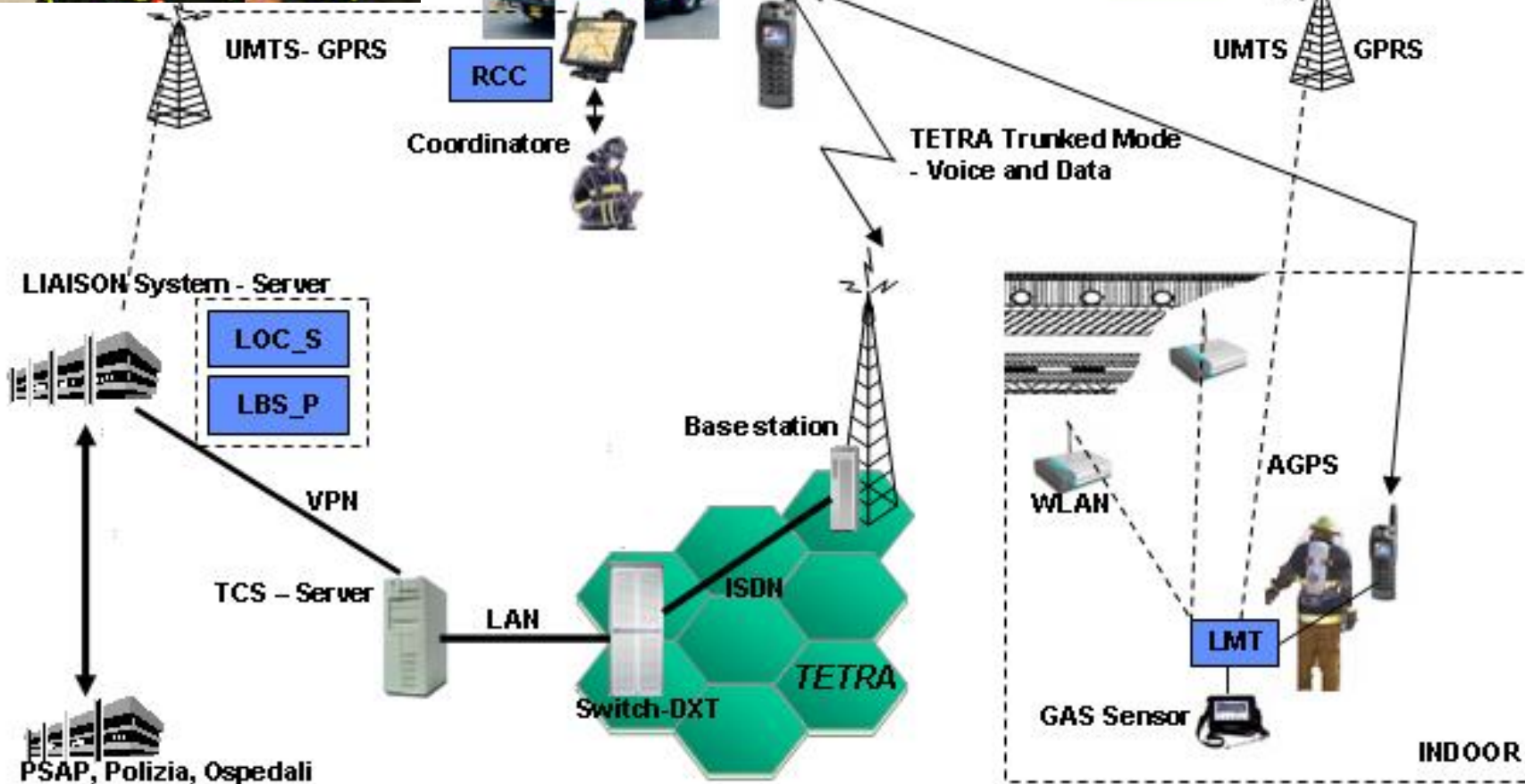


LIAISON System - Client



RCC

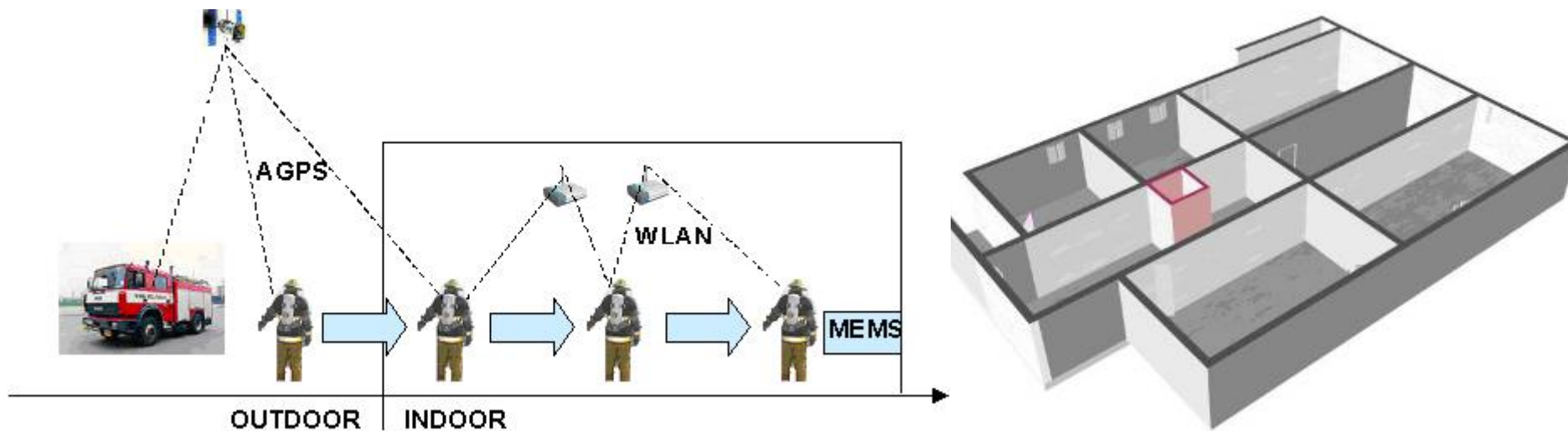
Coordinatore



PSAP, Polizia, Ospedali

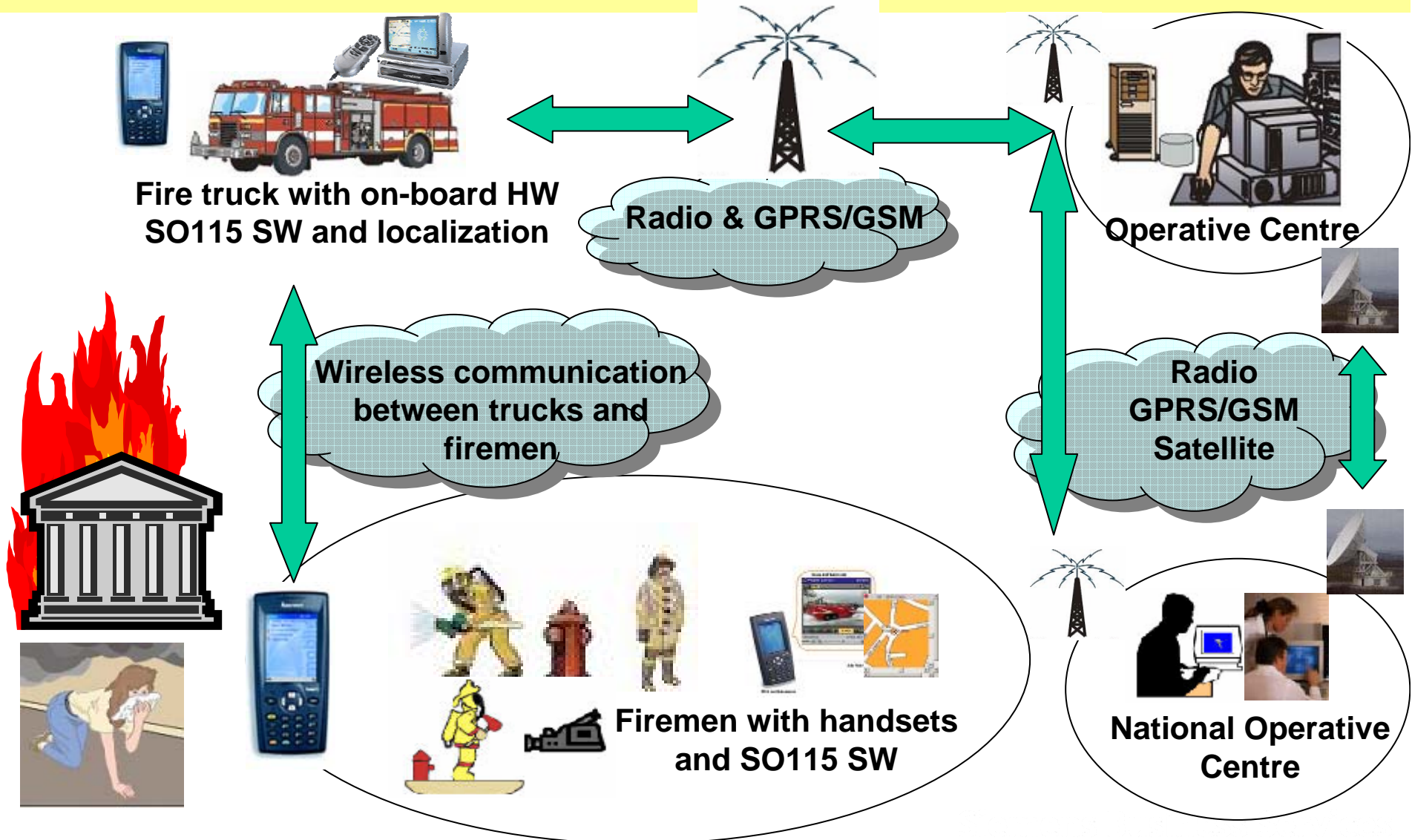


## LIAISON - Indoor Location





## CNVVF Operative Centre: latest features





## CNVVF On-board Technologies: latest features



**On-board video camera system**



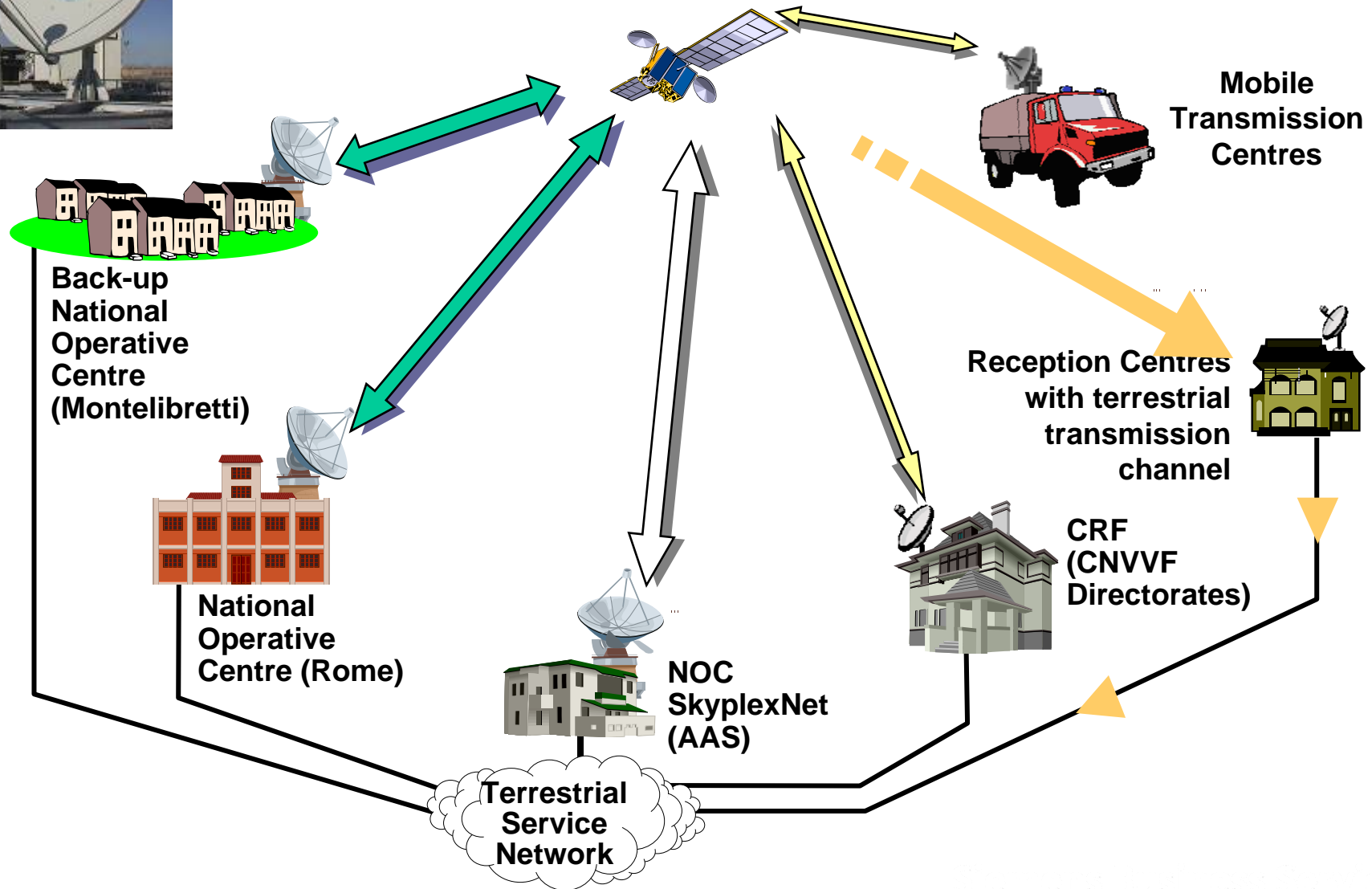
**On-board Navigation System**



**On-board terminal**

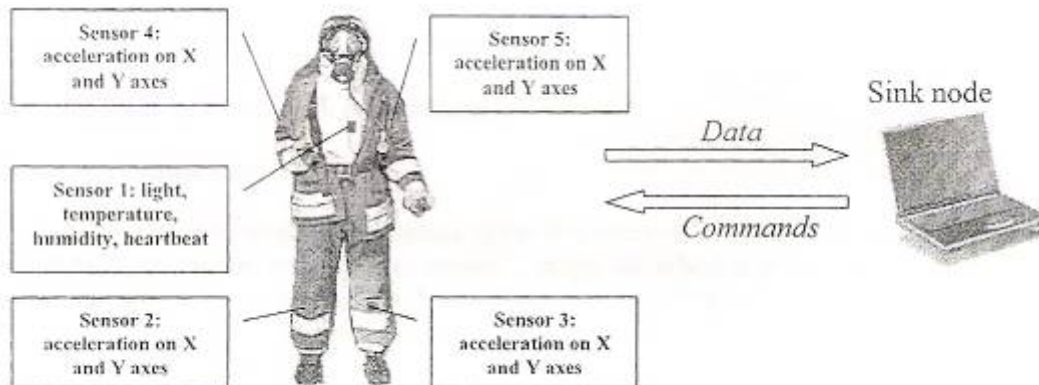


# CNVVF Satellite Network





# Monitoring Firemen in hostile environments





# LOCCATEC

LOW Cost CATastrophic Event Capturing (IST-2000-29401)



Video & data collection (San Giuliano di Puglia)



Evaluation and testing of the LOCCATEC system prototype (Pisa)

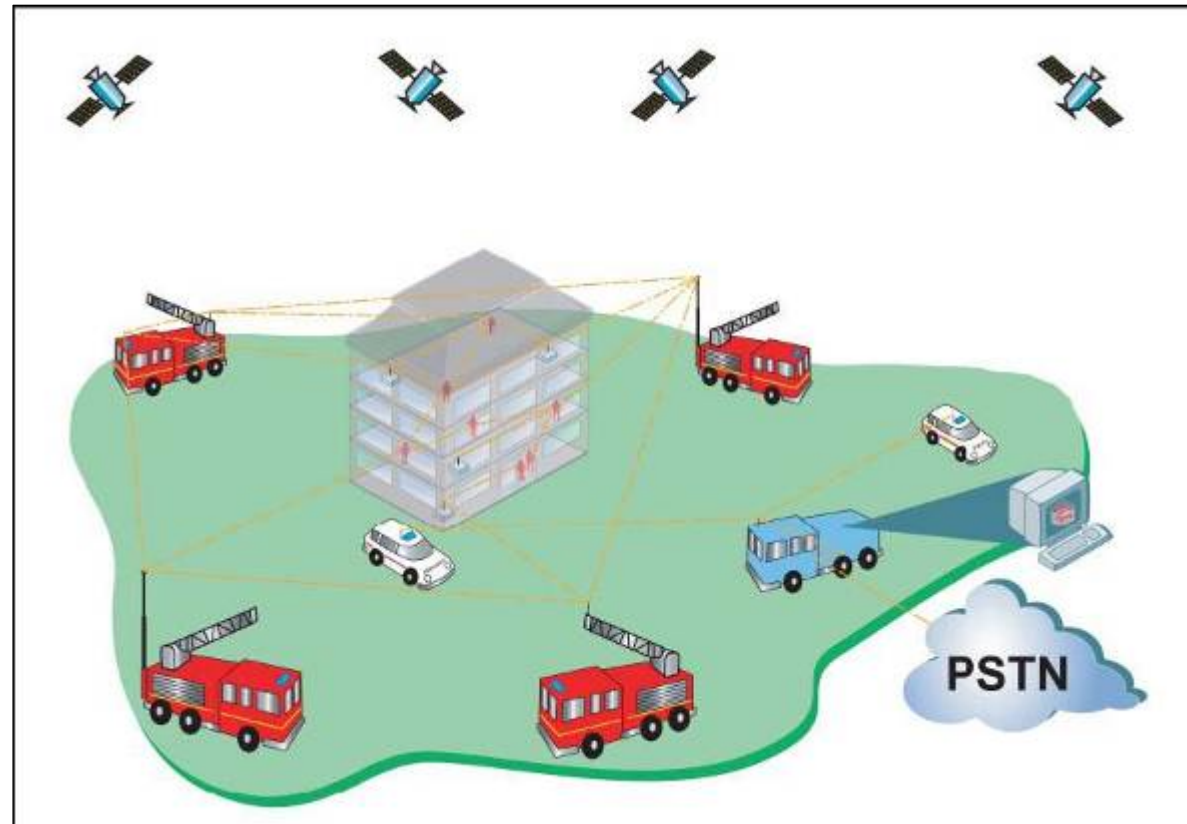


**Network for the **P**romotion, **E**nhancement and  
**T**ake-up of security **R**esearch **A**ctivities  
Supporting Activity  
(Preparatory Action For Security Research PASR-2005)**





# EUROPCOM



**E**mergency **U**ltrawideband **R**adi**O**  
for **P**ositioning and **C**OM**M**unications



Thank you very much for your  
kind attention!

[antonio.gambardella@vigilfuoco.it](mailto:antonio.gambardella@vigilfuoco.it)