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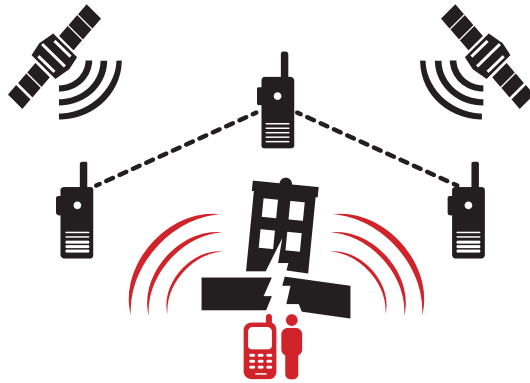
FP7-SME-315007



RESCUECELL

PORTABLE KIT FOR DETECTING TRAPPED AND
BURIED PEOPLE IN RUINS AND AVALANCHES

YOUR MOBILE IS ALREADY YOUR LIFE, LET IT SAVE YOU



The **RESCUECELL** project aims at developing a *cost-effective, robust and lightweight technology*, that can easily be transported to the affected zone (avalanche or earthquake), and by *spreading several nodes covering the entire zone*, the technology will lead to the location of possible injured people swiftly within some minutes. The system will also be able to guide rescuers, first indicating how to spread the nodes properly to cover the entire zone, and second giving precise indications of the location of buried people.

The **RESCUECELL** system is expected to lead to significantly faster searches in Search and Rescue (SAR) missions resulting in finding more survivors and also in reducing the related SAR cost proportionally. Apart from savings money due to a lower cost of SAR missions, and reduction in hospitalization costs, there is also the value of a life or health that cannot be quantified.



The **RESCUECELL** equipment is composed by three devices:

- The static nodes are small units that will be placed in the surrounds of the affected area.
- The mobile nodes are portable units that will be carried by rescuers to improve detection and help them locate the victims.
- And the control node will collect the data from the static nodes and mobile nodes and will manage the entire system.