SYSTEM FOR AUTOMATIC EMERGENCY MANAGEMENT

ALMA MATER STUDIORUM-UNIVERSITÀ DI BOLOGNA



The invention concerns an integrated system for the automatic management of emergency situations (e.g., terrorist attack, natural disaster, everyday crimes, incidents, etc.), increasing real time collaboration with witnesses. It is characterized by an app for mobile device and a centralized server; the latter manages all communications and gathers information related to the events, integrating video, text, audio, and location data.

Protection: Italy (with possibility to extend

internationally)

Inventors: Alessandro Guidotti

INVENTION

The invention concerns an integrated system for the automatic **management of emergency** situations (e.g., terrorist attack, natural disaster, everyday crimes, incidents, etc.) that: i) harmonises citizens and operators; and ii) allows to collect and transmit as much information as possible immediately after the event. This will provide benefits in terms **promptness** of intervention and **effectiveness** of the rescue teams. The invention is based on **app** for any mobile communication device and a **centralized server**, which is in charge of managing the communications and the information related to the event (store, elaboration, forward to Public Safety Answering Points).

ADVANTAGES

- automatic management of critical information (audio, video, text, position);
- possibility of speeding up the rescue operation and adjusting the preparation level of the operators;
- increase of citizens' safety;
- increase of safety in production/construction sites.

CONTACTS

Knowledge Transfer Office

www.unibo.it/patents +39 051 20 80 635 - 683 kto@unibo.it

APPLICATIONS

- public safety of citizens;
- safety of production and construction sites.

