



satellite value added services



ECM PLUS™

Earthquake Crisis Management System



Earthquake Crisis Management System (ECM-PLUS)TM

- ECM-PLUSTM is a patent-awarded¹ integrated solution designed to deliver real time communication support to remote areas ad hoc
- It is an integrated Earthquake Crisis Management System.
It re-establishes telecommunication service after disaster and it gives real time reporting from the disaster area

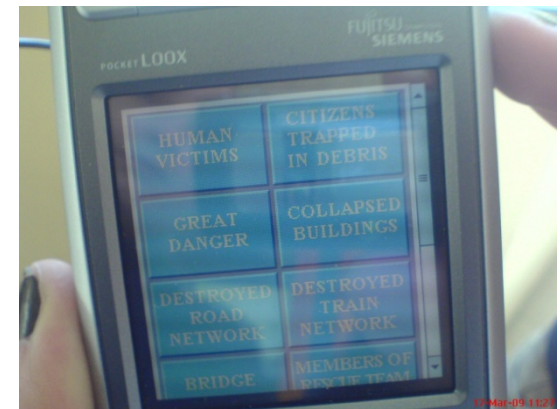


¹ Patent Awarded for ECM-PLUS by the National Industrial Property Organization (OBI), Patent pending from the European Patent



Product Characteristics

- Easy and fast deployment of independent telecommunication network in affected areas
- Wireless Hand Held Devices for immediate reporting from the rescue team members
- Monitoring and Positioning Service for immediate reporting
- Web and GIS graphical user interface environment
- Deployment possible at urban and rural areas



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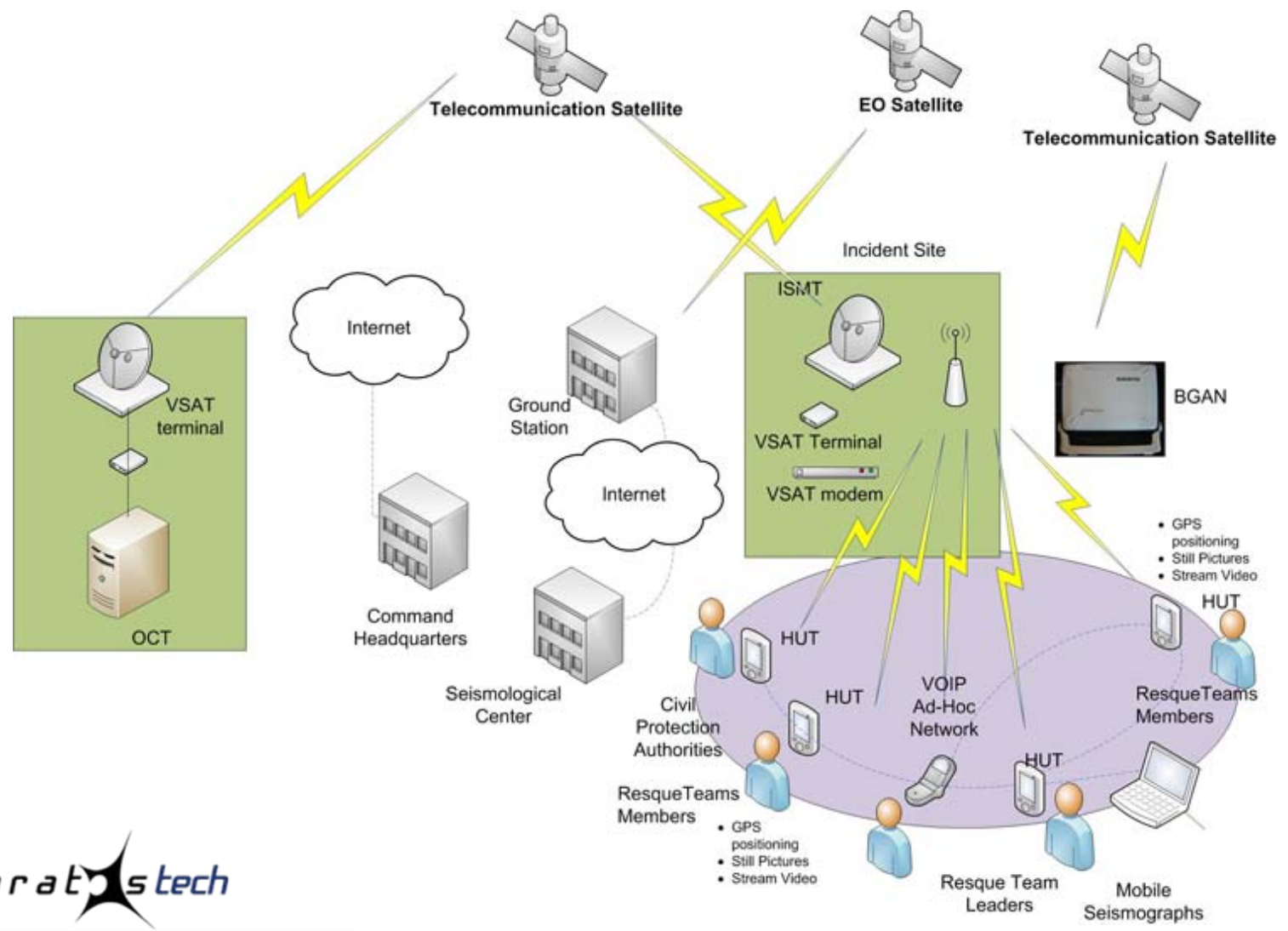


Product Features

- **Text Communication** between the Hand Held Devices and the Command Headquarters
- **Voice Communication** using VoIP
- **Image and Video reception** from the affected area using wi-fi and satellite technologies
- **GIS application** which depicts real-time data (dangerous points, the positions of the rescue team, current weather phenomena, the reports etc.)
- **Seismometer data reception**



Architecture of ECM-PLUS System



Main Benefits

- Fast deployment of wireless network in the disaster area
- Communication with the operational centre and transmission of critical data
- Chats, messages, document's exchange and responses online
- Multimedia and voice communication





ECM-PLUS Advantages (1)

- **Real time communication and information sharing** upon multiple levels and among multiple peers, to be used in various natural disasters which always require fast and reliable communications



ECM-PLUS Advantages (2)

- It meets Civil Protection specifications and scenarios of disaster management
- **State-of-the-art technologies** (smart portable devices, QoS, GIS applications, SATCOM) are integrated into a complete solution to support both in site and off site disaster management

Contact Details

info@aratos.gr

www.aratos.net

www.ecm-plus.com



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