

Disaster Response Network Solution



Instant communication solution for disaster affected areas

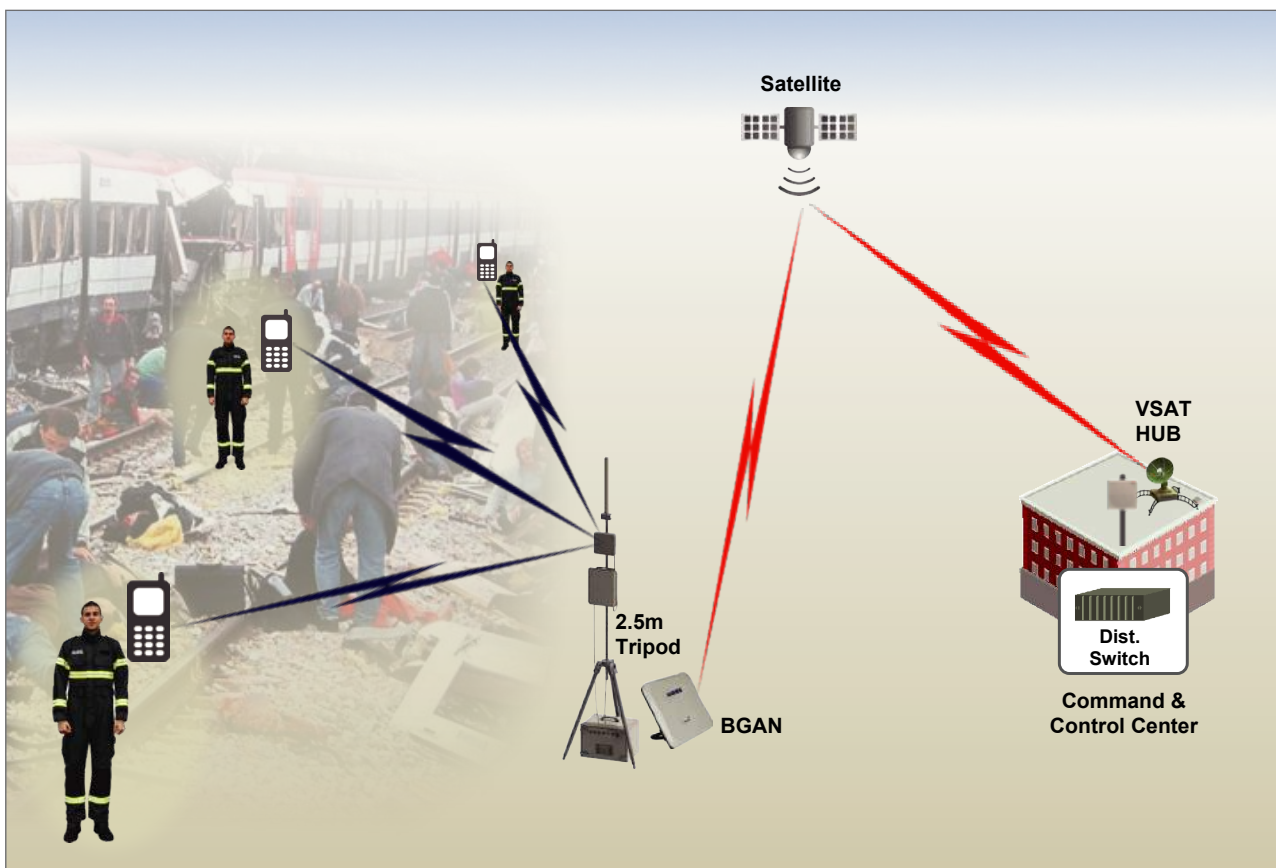
Whenever a disaster such as an earthquake, tsunami, or a flood happens, mobile communication networks inevitably collapse. Ironically, this is the time when they are needed the most. Disaster hit zones can be remote and difficult to reach thereby making rehabilitation even more challenging. It is very important for disaster management agencies to be fully equipped to manage such a situation so that relief efforts can be streamlined and optimized.

Being able to be connected to each other within the same network or other networks in such a situation is needed for the estimation of disaster victims and for finding their exact location in the affected area.

Omoco's disaster response solution is a portable GSM network solution that can be rapidly deployed in disaster hit areas. It enables efficient integrated GSM and Data services for rescue agencies working at the disaster site and to the locals who want to get in touch with families.

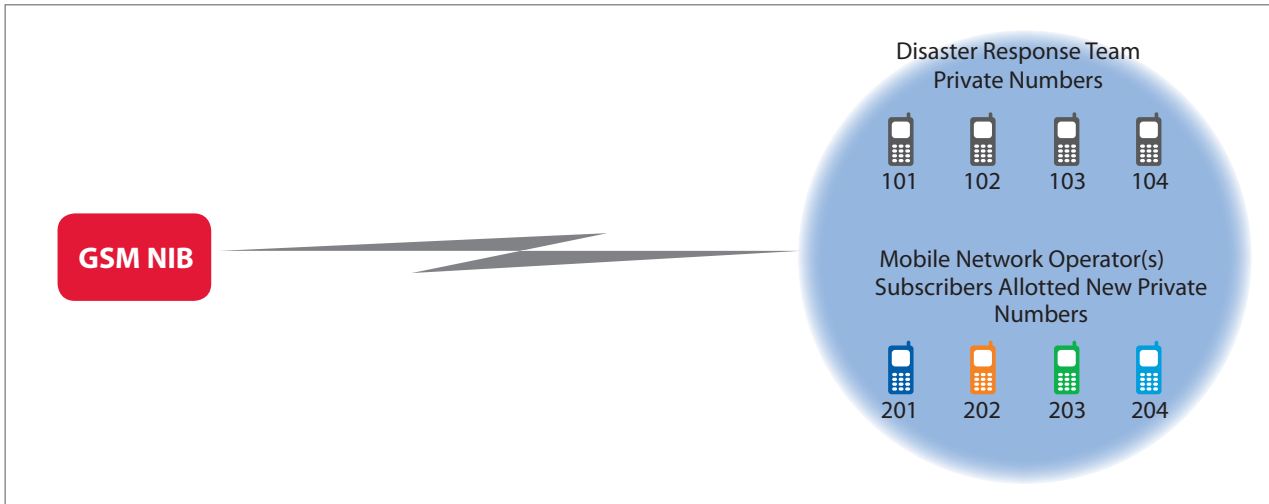
THE SOLUTION

The solution is based on Omoco's time tested, compact, highly integrated GSM solution, which is ruggedized to survive transportation and the extremities of all disaster operational environments. The entire system is configured to consume extremely low power, is portable, and delivers without compromise. It can work as a private standalone network or can extend to other mobile networks or VoIP operators. Multiple disaster hit sites can be connected using IP Radios, VSAT or Fiber backhaul options. The system also supports IP based Public address systems to spread critical real time information across the affected areas.

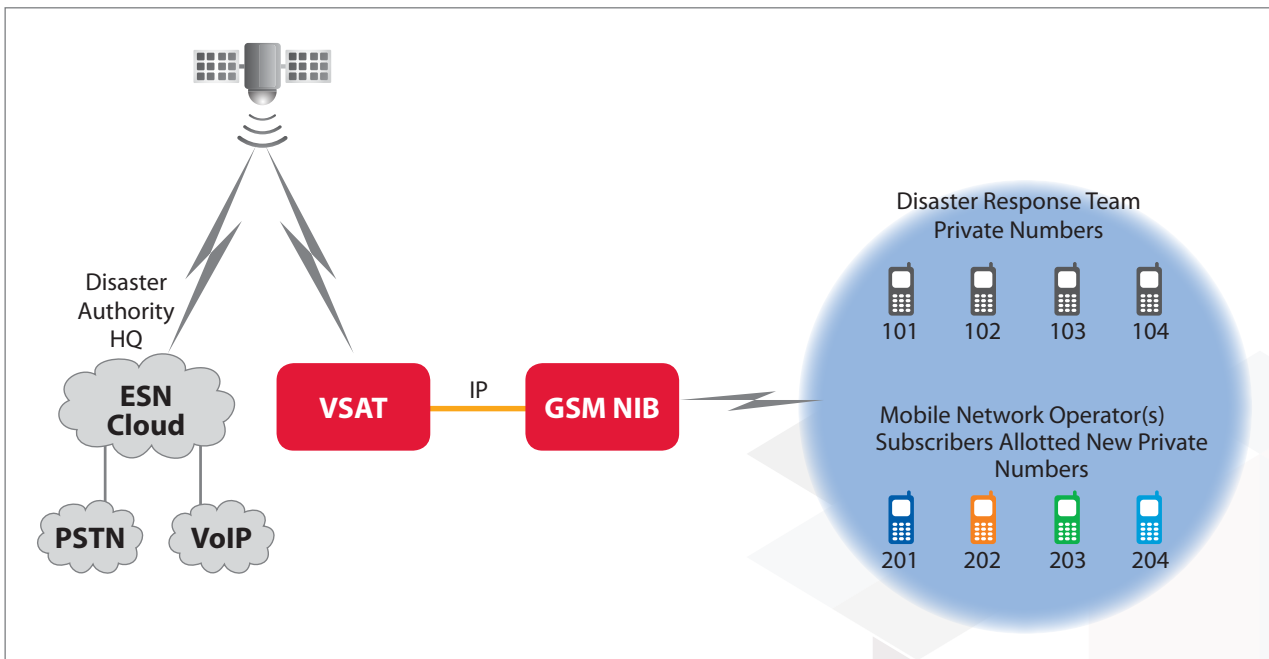


Disaster Application

GSM NIB APPLICATION FOR DISASTER RESPONSE



Standalone Operation



PSTN/VoIP Extension – GSM Wireless Local Loop

Services Available

- GSM – Voice, SMS, USSD
- Data Access - EGPRS
- SMS Broadcast/Cell Broadcast



THE OMOCO ADVANTAGE

- Voice, Video and Data Coverage
- Connects Multiple Locations
- Facilitates Public Announcements
- Wi-Fi Broadband (optional)
- Integration with existing PBX
- Telescopic Pole making it Deployable anywhere
- Flexible & scalable deployment options
- Fully Integrated GSM/VSAT network control
- All IP architecture
- Remote Management
- Local call
- Solar Power Enabled
- Low Power Consumption
- Portable
- Interoperable with other networks
- Integration with warning systems
- Data transmission

ABOUT OMOCO

Omoco develops deploy-it-yourself micro telecom network solutions, suitable for individuals, enterprises and communities who want to build their own wireless communication network. We have successfully designed, indigenously manufactured, and setup such solutions in remote areas of Indonesia, Africa and Latin America.

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