

VIGICELL®

Reach millions of people in real-time. Display emergency messages directly on their cell phones.

State-of-the-art security to ensure authenticity and privacy of communication.

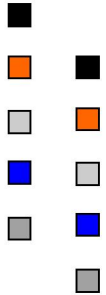
Receive messages based on dynamic location or based on role.

Two-way communication with active confirmation for intra-organizational and inter-organizational collaboration.

VigiCell® is the next generation of emergency communication system that enables authorized personnel to have real-time communication capabilities using cell phones.

Mobile phones are the most ubiquitous communication platform available in the world today. We have engineered VigiCell® to take advantage of Point-to-Point as well as multicast capability along with AGPS and other triangulation techniques to achieves maximum coverage with existing infrastructure and without requiring much user training.

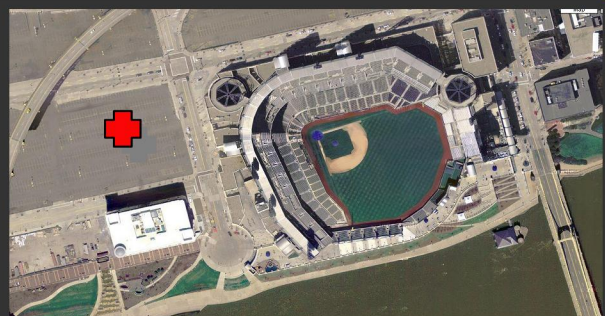
VigiCell® is engineered to make it a robust and flexible communication continuity solution, with features such as delivery confirmation, group messaging, security, and ease-of-use for First Responders as well as Citizens.



“The power of ubiquitous communication”



- [Area: PNC Park, Pittsburgh, PA] →
- [To: All First Responders in 10miles: Terrorist attack on PNC Park. Every one tune to ch. 2] →
- [To: Police in 2miles: Evacuate Stadium] →
- [To: all Firemen in 2miles: Assist Police officers] →
- [To: EMS: Setup camp at Parking Lot C] →
- [To: all Citizens in 1mile: Slowly evacuate the stadium. Medical staff at Parking Lot C]
- [To: All EMA in USA: Terrorist attack at PNC Park, do the needful]



Key Features:

- VigiCell® is supported on GSM and CDMA standards
- VigiCell® is supported on most standard cell phones
- Ability to communicate using text, voice and data.
- Active delivery confirmation for enhanced reliability.
- Built-in intelligence to use alternative communication services when there is heavy communication load
- Fully leverages GPS capable cell phones or other location detection schemes
- Secure communication to thwart intrusion.

Innovation:

- Solution supports point-to-multipoint communication for scalability and point-to-point communication for efficiency.
- Proprietary protocol stack and framing scheme to reduce communication overhead.
- Flexible addressing: any combination of Role, Organization, Location and Direct Addressing
- Messages can be decrypted only by intended recipient