

GSM nanoCELL Phone Networks

Miniature - Mobile - Private

“Secure Building” Applications

RIVA Networks' new GSM nanoCELL can be configured as your own private, secure in-building network.

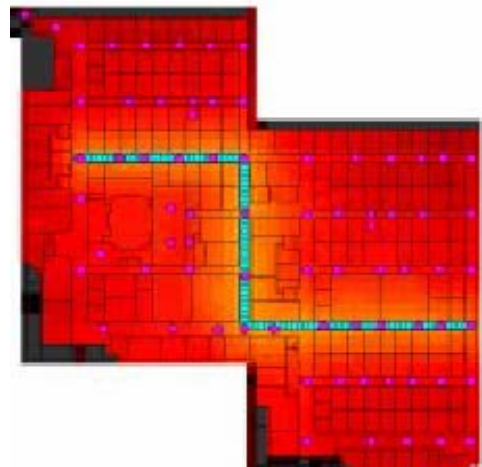
Extend your reach with private network cellular service inside and between secure buildings. Create your own private GSM cellular network and focus this signal inside the building. Hide the network from prying listeners by jamming anyone who come too close. Monitor all the traffic on your network to know when the network is accessed, by whom, to where ? ? ? Easily capture *all* the call data because you *are* the carrier. nanoCELL technology inside buildings creates an always-on secure network.

The RIVA nanoCELL draws less than 15 watts, is the size of a hard cover book, interconnects using standard Ethernet and runs on a PC computer.

Allow your teams to talk conveniently using standard cell phone technology. Connect hundreds of users quickly with an always on network.



- Maintain a single, coordinated communications system between leadership, key personnel and technology developers.
- Coordinate multi-agency communications transparently through command operations.
- Fail safe system guaranteed to work when all networks are down.
- Use the nanoCELL in cooperation with COTS cell jamming network technology.



Uniform Cellular Coverage

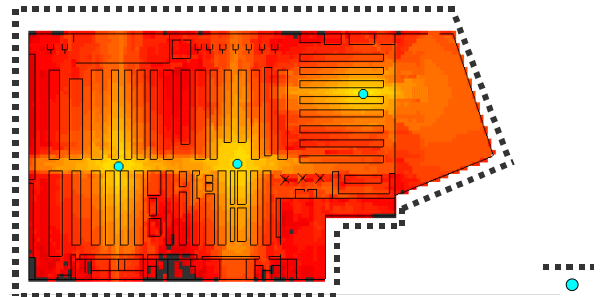
GSM nanoCELL



- Available in GSM 1800 MHz (DoD spectrum) or GSM 1900 MHz (USA Carrier spectrum).
- Convenient Ethernet output connection to forward calls to any remote location. Backhaul uses Internet data to utilize many types of transport methods.
- nanoCELL voice and data traffic can be broadcast in the building with patch, omni-directional, or "leaky" cable antennas.
- Maintain communications anywhere in-building, with an "all in one" GSM network. Cover a single room or an entire building.

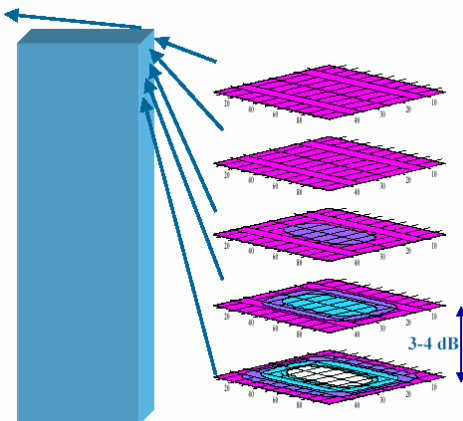
miniature, private cell phone networks

- Establish temporary networks in an office building or hotel.
- Reach Back and coordinate the command and control.
- Support any GSM cellular technology including: surveillance cameras, network alarms, cell phone cameras, cryptography and user authentication techniques.



Cell jamming secures your perimeter

Build coverage on five floors of a hotel



- Network monitors, covert surveillance and message intercept can all be combined in one small, easy to configure network. Protect it all by blocking unauthorized users with traditional cellular frequency jammers.
- Works independently without relying on public telephone networks, cell phone networks or the Internet.
- Reduce reach back traffic by switching in-building calls locally.