

GSM nanoCELL Phone Networks

Miniature - Mobile - Private

Communication Islands

Challenged by the need for cell phone communications in the middle of nowhere? RIVA Networks' new GSM nanoCELL technology is ideal for creating "communications islands".

Organizations can now establish secure, private cell phone networks anywhere on earth, at a reasonable cost.

Improve productivity and enhance worker safety with the benefits and convenience of cell phone technology. Communicate seamlessly across the most difficult environments from the control room, to the work area, to the living quarters.

Operate in remote desert locations or international waters - where there is no public infrastructure.

The nanoCELL's low cost of ownership pays for itself with increased productivity.

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

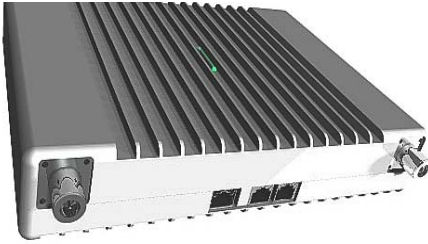


Ideal for use in oil fields, mines, resorts or any isolated remote locations.

- Maintain a single, coordinated communications system between leadership and key personnel.
- Fail safe phone system that can operate on back up battery power or solar power.
- Communicate with HQ back on the "mainland" using satellite back haul.



miniature, private cell phone networks



GSM nanoCELL

- Establish networks quickly using powered Ethernet connections.
- Support any GSM cellular technology including: network alarms, cell phone cameras, perimeter monitoring, sensors, and voice communications.
- Leverage low cost cell phone handsets instead of expensive push to talk radios.

Cell phone coverage from the control room to the board room



- Available in GSM 1800 MHz or 1900 MHz.
- Wireless data technology with real long range capability.
- Benefit from cell phone's ability to operate in dense metal skyscrapers and crowded urban environments
- Ethernet output connection to forward calls to other locations using existing Internet connections.
- nanoCELL voice traffic can be broadcast on tower antennas or inside buildings with patch, omni-directional, or "leaky" cable antennas.



Uniform Hands Free Coverage

- Network monitors, surveillance and message routing can all be combined in one small, easy to configure network.
- Works independently without relying on public telephone networks, cell phone networks or the Internet.