

## Which Antenna Do I Need?

- \* Gain Describes the shape of the radiation from an antenna.
- \* Use a higher gain antenna for better performance in open flat terrain.
- \* Use a lower gain antenna for better performance in rough mountainous terrain or city areas.
- \* We recommend the use of a lower gain antenna for the communications in vehicle convoy situations.
- \* Glass mount antennas are ideal for built up city areas where signal strength is higher.
- \* Hi\_gain antennas are better suited for regional areas where long range is required.
- \* Fixed site directional antennas send all the signal in one direction-they need to be rotated and/or tilted until the strongest cell site signal is obtained during installation.
- \* Fixed site OMNI directional antennas are ideal when reasonable signal is available in the area. This is an easier installation option.