



## Case Study— Remote Broadband connectivity

### Wireless Remote Broadband Connectivity



*WiSystems WL40 Max radio*

#### **The Requirement**

To provide a reliable & secure link Broadband service to a remote site not serviced by the local Telecommunications Companies. The units employed need to be rugged and able to withstand high winds and extreme weather conditions.

We were to provide a link from a donor site with Broadband access to a factory site and a small industrial estate which would enable both of these additional sites to have high quality internet access .

The sites involved were kilometres apart and other providers were not able to supply the Long Range solutions with high quality data and internet transmission over distance without loss of signal .

#### **The Solution**

Utilisation of WiSystems radio communications units to provide high quality wireless Transmission over distances up to 40KM.

#### **Choosing the right Wireless solution**

After trying many system providers WiSystems was recommended and asked to provide the solution. Our WL40 Max units provide ample bandwidth over any distance up to 40 Kilometres and have operated faultlessly . In addition to the radios deployed it was recommended that our AP ( access Points) be installed at the Factory and Industrial estate to provide high quality internet access without the need to hard wire heritage buildings or other buildings. The system is due for expansion in late 2010 to incorporate an additional site locally which has no coverage. WiSystems units have been deployed in many areas that have little or no broadband access .

