



Application note

REMOTE ASSISTANCE TO MAINTENANCE PEOPLE



Using **3G/4G routers** allow field connectivity to a cellular network. This allows for control data to be accessed from **very remote applications where Wi-Fi may not be available.**

This application involves a **special helmet provided with an audio set and a webcam.**

Maintenance people wear the helmet and have an intrinsically safe tablet and both are connected to internet through the **Solexy cellular router/Wi-Fi hot spot.**

This allows communications from a **remote control room** to assist their maintenance people in the field.

Basically, there is an expert operator in the remote control room that provides information to the tablet by seeing what is occurring through the camera and **can communicate to the operator in the field giving them feedback and directions.**

“ *Solexy supplies an **explosion proof 4G router with Wi-Fi connectivity** combined with an **explosion proof battery**, everything mounted into a portable case.* ”



SOLEXY EXPLOSION PROOF SOLUTION

Advantages

- Compact design
- Easy Installation and set up
- Cost effective
- Single device multiple functionality (cellular router and Wi-Fi hotspot)