

Remote Monitoring



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Sometimes vibration issues are present on equipment that doesn't have a permanent condition monitoring system installed. So it is often necessary to install a temporary vibration monitoring solution. Commonly, the expert is not based on-site and it could be difficult (and expensive) to keep visiting. In these cases a remote monitoring capability is essential. PROTOR & PROTOR-mobile are well-suited to this and come with remote access as standard. And it is not even necessary to connect to a facility's network.

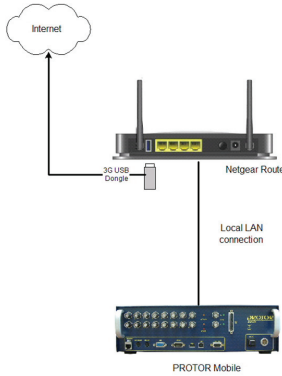
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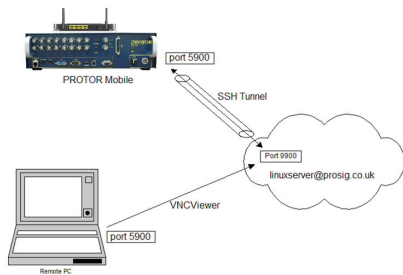
In situations where either wired or wireless connection to the internet is not possible, PROTOR can be configured to use a 3G connection.

The PROTOR-mobile solution uses a wireless network router that supports a 3G SIM dongle. Once this is installed the vibration levels can be monitored from any device with an internet connection.



System consists of

PROTOR-mobile
 Portable vibration condition monitoring
 1 x 16-channel PROTOR-mobile



Using one of Prosig's internet servers and some clever networking involving something called a 'reverse SSH tunnel', a reliable connection is made between the PROTOR-mobile and any internet-connected device. The first S in SSH stands for 'Secure' so all data sent over the internet is encrypted and secure.

There are many advantages of PROTOR & PROTOR-mobile being based on open standards. For example, using VNC as the viewer of choice means that many platforms can be used to view the remote data since VNC viewers are available on many different devices. In fact, the vibration engineer who was involved in this project was even able to reach the remote PROTOR-mobile system on their iPhone. So even if you are on the other side of the world and nowhere near a computer, you can always check up on your PROTOR-mobile.

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