

Fuel Monitoring

Tag line –Increase effectiveness for fuel management in unmanned locations site



In the telecommunication business, it is paramount that mobile operators are able to provide strong signal transmissions that cover an extensive area. Thus, these mobile operators have antenna towers in strategic locations throughout their service coverage area. Oftentimes, these sites are in rural and hard-to-reach locales where electricity services are inconsistent at best. One solution is to have back-up electric generators on-site, running on fuel. However, the remote locations of these unmanned sites make it difficult and costly for regular monitoring and refueling of the generators.

This is where NNM – Fuel Monitoring comes in; by providing an easier and more efficient way for mobile operators to manage the monitoring and refueling process at these sites. The NNM – Fuel Monitoring works with sensors developed by experts in remote managing solutions for communication networks in the oil and gas industry. It can work by receiving data transmitted from sensors at the site cause NNM to issue alerts when fuel amounts fall below certain predetermined levels. This data is also collected and used in the generation of reports for further analysis of the site's fuel usage and to determine whether there is a significant increase in consumption. This crucial information helps mobile operators evaluate fuel usage behaviors as part of their overall business operations.

The Fuel Monitoring solution allows for:

- ✓ Effective fuel management, as mobile operators are able to monitor any changes in fuel levels, especially at unmanned sites in remote areas
- ✓ Centralized management, so mobile operators can administer other IP network devices to monitor electricity, temperature, humidity, air circulation, smoke detectors and water levels all from just one program
- ✓ Cost effectiveness, as the software is a powerful tool that helps minimize unnecessary expenses. The program allows personnel to save time spent on analyzing and resolving problems, while cutting down unnecessary expenses caused by fuel waste.