

## Integrated Monitoring Systems

Most mining, manufacturing and industrial operations undertake a range of continuous environmental monitoring programs to ensure effective management of their operations and maintain compliance with development consent and licence conditions.

The volume of data and the disparity of data acquisition systems can sometimes leave you frustrated and unable to readily utilise the information.

Novecom have recently undertaken a project which has taken a variety of disparate environmental monitoring applications and integrated them on to a single platform. The SentineX Remote Data Acquisition and Reporting Platform provides a single user interface, the SentineX Repository, through which users can access all their continuous environmental monitoring data.

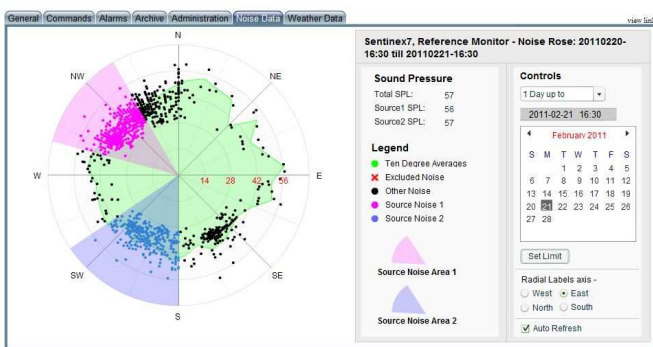
A common issue highlighting the benefit of an integrated approach is the need to use meteorological data in the analysis of noise and dust monitoring results. By integrating your site weather station with your existing SentineX systems, value can be gained through the automatic correlation of parameters such as wind speed, temperature inversion and rainfall, with dust and noise levels to better understand impacts.

SentineX users benefit by presenting the data in a readily human readable format and enabling comparison of one data set with another without the need to manipulate multiple spreadsheets. Furthermore, daily summary reporting means that you can get a complete analysis of compliance delivered to you each day.

Examples of continuous monitoring applications that can be integrated include:

- Water flow, level, quality
- Gaseous emissions
- Meteorology
- Noise
- Dust
- Odour

Other applications can also be integrated. If you would like more information on how Novecom can add value to your business contact Jeremy Pola on 02 4001 0182.



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