

Real-Time Data Management & Visualisation

Complex data, elegantly simple.

Ensure rapid response to
unfolding events.



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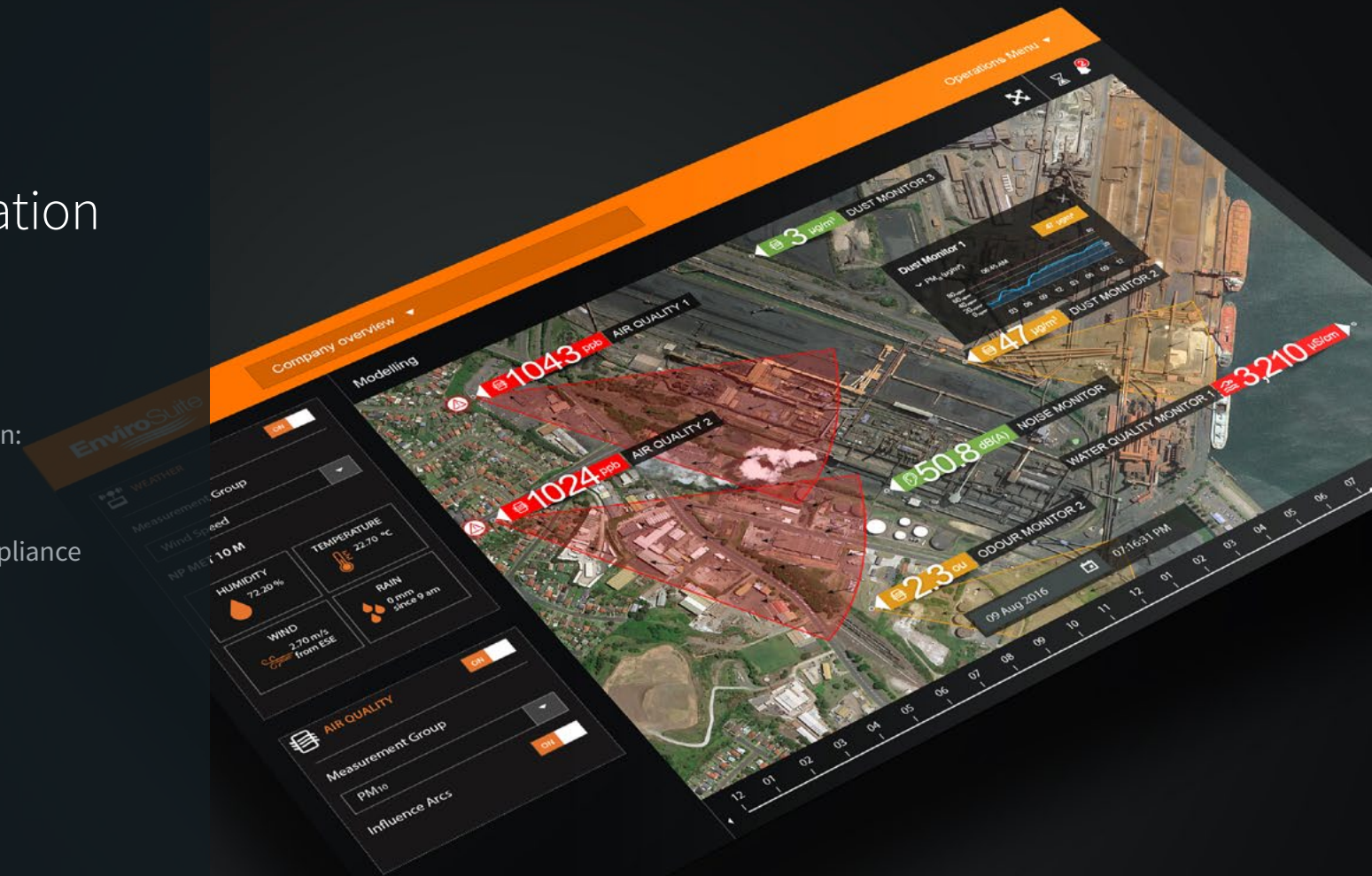
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Introduction

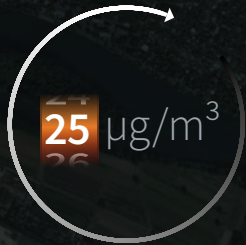
Intuitive data visualisation in real-time. Make the right decisions - fast.

With a real-time view of your data, you can:

- Respond to emerging circumstances
- Identify the source of issues before compliance limits are reached
- Manage asset health
- Optimise your operations

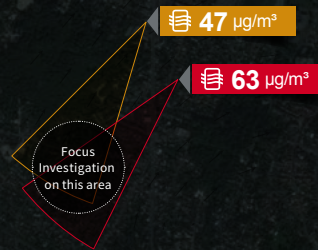


Real-time features



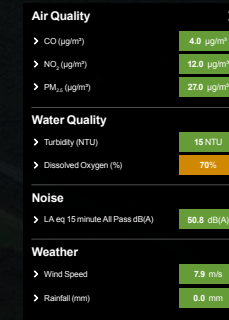
Real-time data

Know what is happening right now and react accordingly



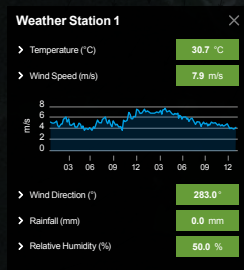
Identify the source of the issue

See the source of the problem with arcs of influence plus other charts and analytical features



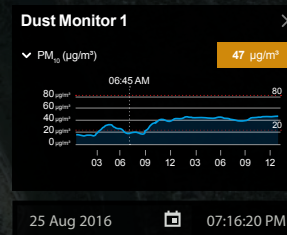
Simultaneously monitor air / water / weather / noise

Enabled for any data stream that can be measured and transmitted



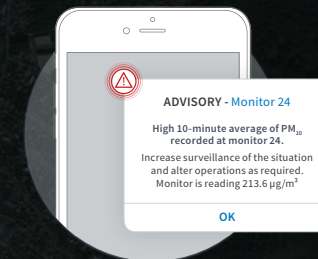
Site-specific weather forecast

Detailed, highly accurate 3D weather forecasts for your specific site



Historical trends

See historical trends at the click of a button



Alerts

Get instant email / sms alerts when thresholds set by you are exceeded

Monitor air, water, noise, weather and odour concurrently in real-time

Identify potential costly, damaging environmental incidents at a glance.

Streamline the search for sources of environmental incidents with integrated data analysis. The user friendly format is designed for non-subject matter experts.

Real-time data for (not limited to):



3,210 $\mu\text{S/cm}$

WATER QUALITY

2.4 ppb

NITROGEN DIOXIDE MONITOR 2

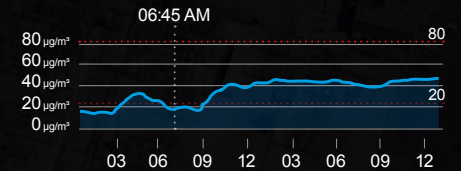
50.8 dB(A)

NOISE MONITOR 1

Dust Monitor 1

PM₁₀ ($\mu\text{g}/\text{m}^3$)

47 $\mu\text{g}/\text{m}^3$



47 $\mu\text{g}/\text{m}^3$

DUST MONITOR 1

15 $\mu\text{g}/\text{m}^3$

DUST MONITOR 2

React quickly

Home in quickly on the source of the issue.



13 ppb

Arcs of influence

Arcs of influence indicate where the pollutant is coming from

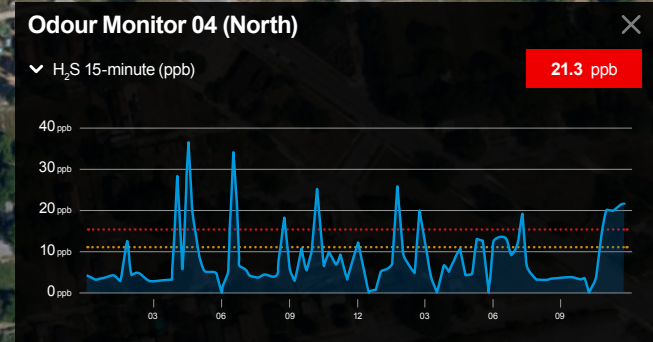
0 ppb

Colour coded monitors

14 ppb

Colour coded monitors alert you to potential problems immediately, based on configurable thresholds

19 ppb



19 ppb

0 ppb

21 ppb

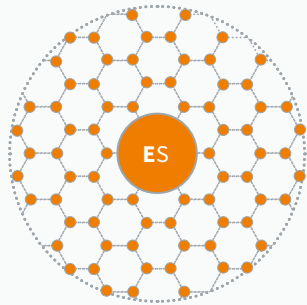
2 ppb

3 ppb

Focus Investigation on this area

3 ppb

Complex data made simple



Empowers your entire operation
with knowledge



Anybody can interpret the data
with minimal training

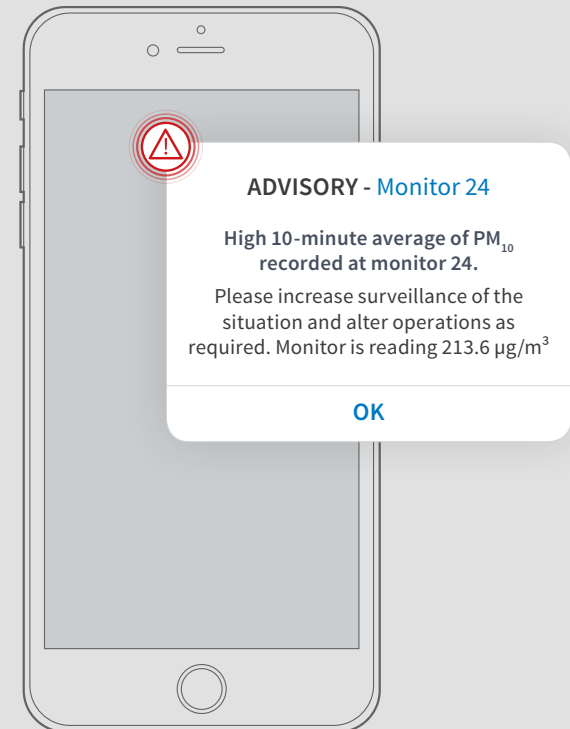
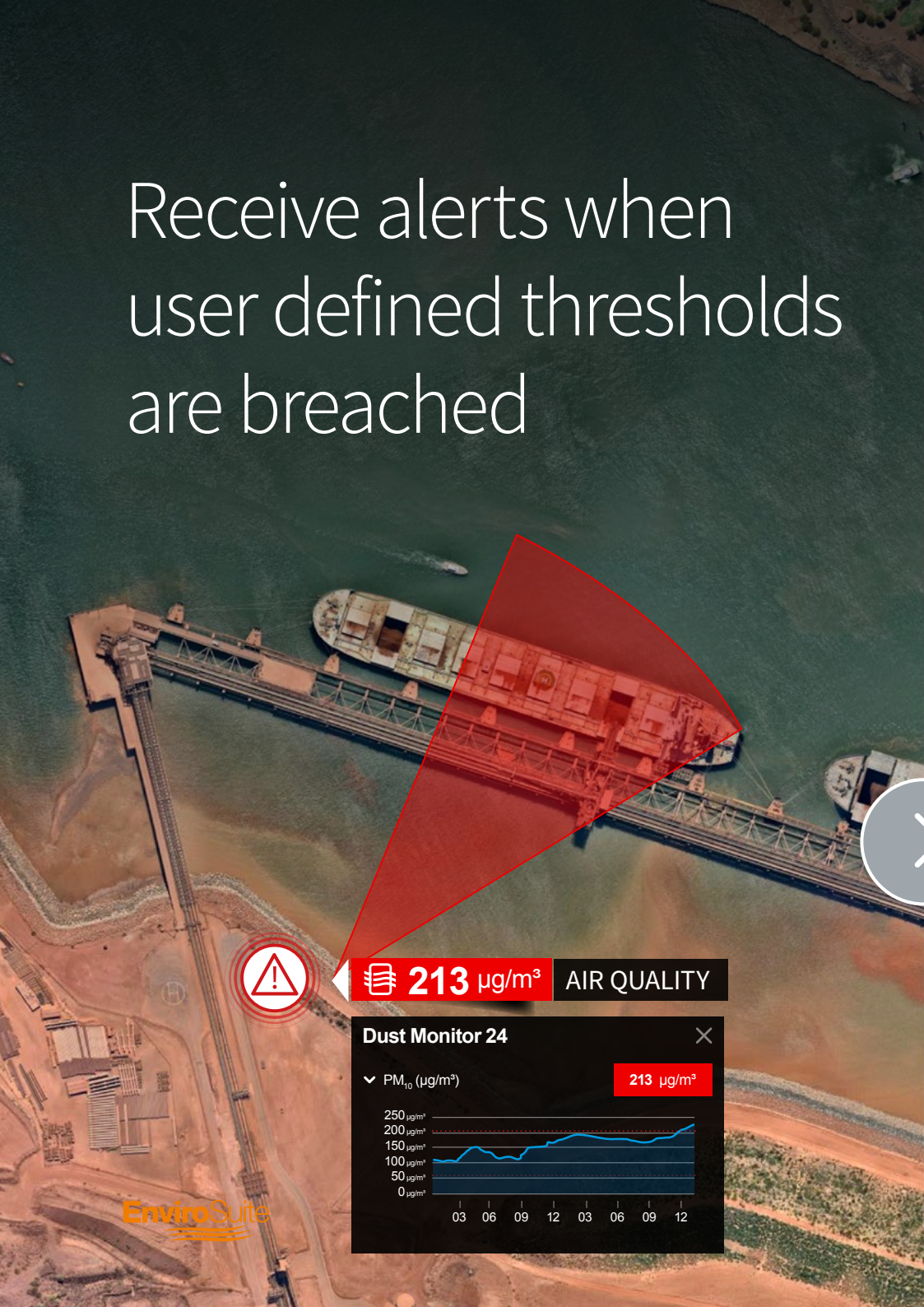


Saves you time and money through
automated reporting and better
responses or proactive management

Receive alerts when user defined thresholds are breached

Make informed decisions based on knowledge.

You can focus on your core business knowing that you will receive an alert if any adverse change in circumstances occurs.



Site-specific real-time weather data

Stay in touch with changing
conditions that can affect
your operations and the
community.



Historical trends

Access historical weather
data to find trends and see
how previous weather events
impacted operations.



8 m/s WEATHER STATION 1

Weather Station 1

- Temperature (°C) **30.7 °C**
- Wind Speed (m/s) **7.9 m/s**
- Wind Direction (°) **11.25°**
- Rainfall (mm) **0.0 mm**
- Relative Humidity (%) **50.0 %**

Line graph showing wind speed in m/s over a 12-hour period. The y-axis ranges from 0 to 8 m/s. The x-axis shows time intervals: 03, 06, 09, 12, 03, 06, 09, 12. The graph shows a fluctuating line between approximately 3 and 6 m/s.

25 Aug 2016 07:16:20 PM

Automated reporting

Spend more time on higher value-creating activities.

Instantly generated reports save your team hours of data collection and processing time.

With all your data in a single organised location, access reports easily and make important decisions faster and more effectively.



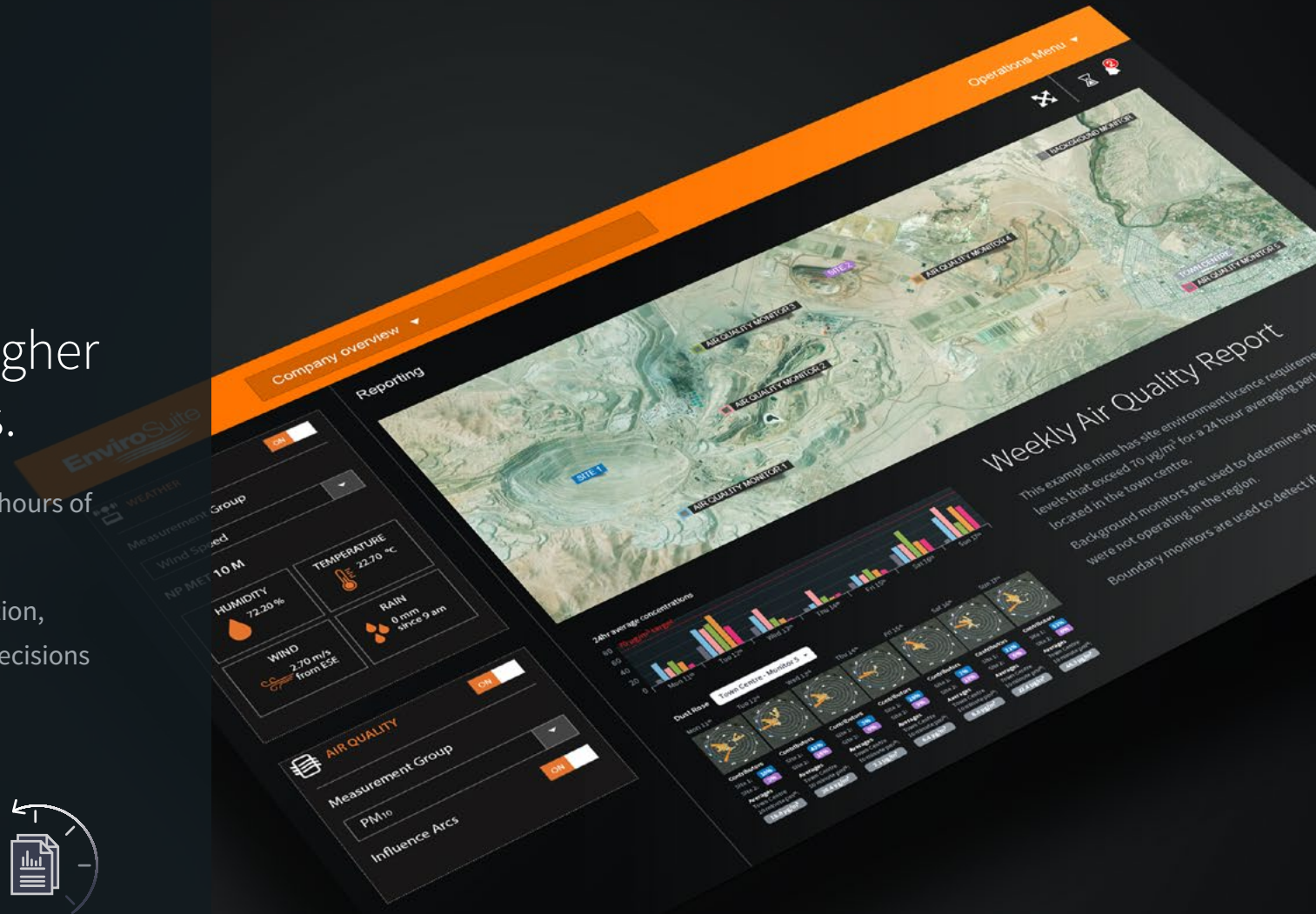
Tailored reports for compliance and internal processes



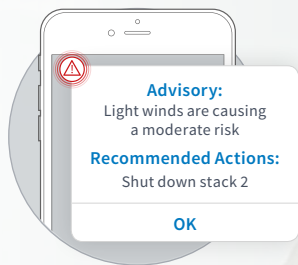
Reports for investigation of incidents



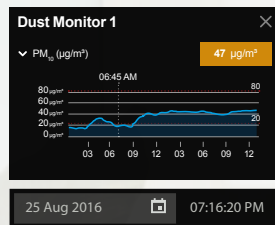
A record of all historical data in one place



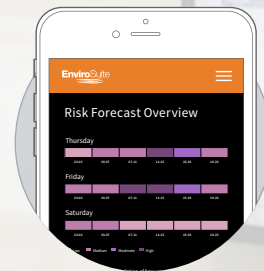
Tailored reports for compliance and internal processes



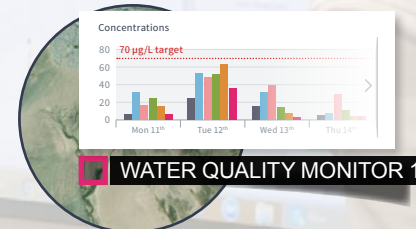
Recommended Actions



Data Trend Reports



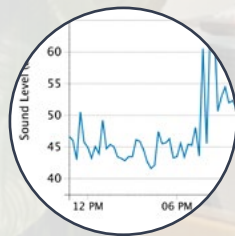
Risk Forecasts



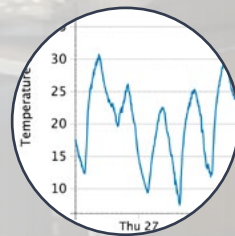
Water Quality Report



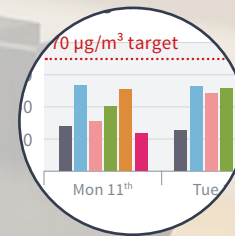
Pollution Rose



Noise Report



Weather Report



24hr Average Concentrations

Access your data any time, anywhere

The cloud-based technology platform means that you can access your information through a browser from anywhere, at any time, giving you better efficiency, cost effectiveness and data security.

World leading software backed by scientific expertise

EnviroSuite is an integral part of operations for a range of well known businesses across Asia-Pacific, Europe and the Americas.



Some commonly asked questions

Do you supply monitoring equipment?

Many of EnviroSuite's features can be accessed without the need for new hardware. Where hardware is required, EnviroSuite can be integrated with your existing monitoring network or something suitable for your situation can be recommended. We are not financially affiliated with hardware providers so we will recommend a solution that is best to meet your challenges.

Where is the data stored – is it secure?

EnviroSuite runs on Amazon Web Services (AWS). EnviroSuite uses stringent security protocols to protect your data, similar to those used by financial institutions. Our Data Security fact sheet describes these policies further.

Is there ongoing support?

Yes, as a SaaS product EnviroSuite comes with a support service to ensure that any of the rare issues that might occur are expertly and quickly addressed. The system reliability is excellent, and support is usually directed to help explain some of the many useful features that are available.

EnviroSuite can also be delivered as a bundled service, whereby our partners can deliver any monitoring hardware, data comms or associated consulting as part of a vertical solution package.

How do I install EnviroSuite?

EnviroSuite does not require any installation. All you need is an internet connection and your PC, tablet or smartphone.

How is EnviroSuite different from other compliance software solutions?

EnviroSuite goes beyond compliance software. The power of EnviroSuite is in the capture, storage and analysis of real-time data and forecasting abilities, giving it unique application to evolving operational issues. In addition to compliance, the user has powerful tools to respond quickly to alerts, minimise or avoid off-site impacts and hence, be a good neighbour.

Can you really predict environmental impacts?

Yes. Many environmental impacts are driven by the weather and with our site-specific, high resolution weather forecasting tools, we can predict not only the weather but related impacts such as water quality, air quality and odour before they happen so that you can take action before incidents and events occur.

Where does EnviroSuite get its “forecast” data, and what is its accuracy?

Weather forecasts are automatically generated using the internationally-recognised WRF mesoscale

meteorological model. Since EnviroSuite uses AWS to run the modeling system, EnviroSuite can achieve higher resolution model outputs than are typically possible otherwise. EnviroSuite meteorologists validate model results regularly to ensure optimum accuracy and performance. Model configurations are set by experienced meteorologists.

What does it cost and what is the potential ROI?

The financial benefits of EnviroSuite vary according to the nature of the risks being managed. The benefits comprise tangible effects such as reduced operating costs or improved scheduling, and intangibles such as improved social licence to operate.

As an example, for an outlay of \$100,000 per year per site (excluding initial monitoring system installation) an EnviroSuite solution across two wastewater treatment plants produced a \$700,000 return in one year through improved odor management, reduced plant operating costs, efficient complaints resolution, and avoided degradation to asset health. This did not include any of the intangible benefits of improved community relations, for example.

Can past data be readily accessed?

Yes, archived data is easily accessible via on-screen timeline analysis or automated reports or can be exported to other applications.

Next Steps?

Get in touch to arrange
a demonstration today

For sales enquiries

enquiries@envirosuite.com

Interested in our partner program?

partners@envirosuite.com