

INTRODUCING

# eCloud technology

world-first eCloud technology for monitoring environmental systems in real time or historical data access



The IESA eCloud allows mining and other industries to access monitoring system data in real time as well as historical data. Ideally suited to assist decision-makers act and react quickly to changing conditions, especially with environmental monitoring systems in harsh climate or remote access areas anywhere in the world.

### WORLD FIRST CLOUD TECHNOLOGY

IESA has teamed up with Nepean Power and University researchers in Australia to deliver to the market a world first environmental eCloud.

IESA's eCloud will bring your environmental sensor data from the most extreme and remote locations and deliver precise and filtered data or control commands to you desktop using any web browser.

An Interactive portal will empower your mine site to make informed decisions in real time to proactively guard against potentially adverse environmental events.

IESA (Integrated Environmental Services Australia) is a leading environmental consultancy in Australia with representation in South America, USA & UK. IESA delivers specialised monitoring services for water, groundwater, air, ecology and soils, as well as monitoring instrumentation.

The synergy between IESA and Nepean, a global company who provides world-class engineered solutions for the mining, transport and construction industries was a perfect fit for developing this project, in conjunction with Queensland-based University researchers.

### COMPUTER ACCESS ANYWHERE IN THE WORLD

The ability for mining companies, and other industries, to be able to have access to their remote field monitors 24 hours a day, securely from their own computers anywhere in the world, will change the way we work. We are removing the shackles of how information had traditionally flowed with receiving and analysing data from environmental field monitoring equipment.

The web interface eCloud will give 99.89% poll data from sensor in extreme locations. It will also include:

- HMI / SCADA interface
- 4D Rules engine
- Dials & Gauges
- Dashboard
- Charting
- Real Time Data Analysis

The prototype for the environmental eCloud will be ready in March for testing in remote mining regions in Chile and demonstrated in April at ExpoMin in Santiago

[www.iesa.com.au](http://www.iesa.com.au)



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