

## IMPLEMENTING AQ GUARD SMART FOR IMPROVED AIR QUALITY IN HEALTHCARE ENVIRONMENTS



The monitoring of air quality is crucial for hospitals, particularly in areas sensitive to environmental contaminants like operating rooms and intensive care units. Outdoor airborne particulates can easily impact on indoor air quality.

Our sales partner Alpha Scientific has implemented an integrated air quality monitoring system at a leading hospital in Australia. A robust Environmental Monitoring System (EMS) can track air quality parameters both inside and outside the hospital.

For healthcare facilities the stakes are exceptionally high. Having access to real-time data such as particulate level, temperature or humidity level means being able to implement preventive measures swiftly and effectively. This helps safeguarding patient health and ensuring compliance with health standards.

### Real-Time Data for Proactive Health Management

The initiative includes the implementation of

the **AQ GUARD SMART 1000**, a MCERTS-certified device, strategically placed on the hospital's roof to monitor outdoor air quality with a high accuracy.

One of the standout features of the **AQ GUARD SMART SYSTEM** is its ability to deliver real-time, high-accuracy readings on particulate matter and environmental conditions.

This capability is vital for immediate responses to fluctuating air quality caused by external factors like smoke, urban pollution, or natural dust.

The real-time data enables facility managers to make informed decisions about air filtration and ventilation needs, directly impacting patient safety and comfort.



<https://www.palas.de/en/product/aq-guard-smart1000>

