

# What's New at **AES 2023**



**MONITORING MADE EASY**

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# WHAT'S NEW AT AES 2023

Active Environmental Solutions (AES) Australia have been supplying occupational hazard monitoring equipment for more than 21 years and are proud of the wide range of products and services we can now offer. AES supplies equipment to monitor for key hazards including gas, dust, heat, hazardous particles, electromagnetic field, noise, sound and vibration for both purchase and hire requirements and can fully service all instruments with a dedicated and qualified team of service technicians.

AES' mission is to be the leader in providing enhanced outcomes for our customers in the world of connected Occupational Health and Safety and Environmental monitoring. We are proud to show you some of the innovative and world-first products we have coming to our portfolio, bringing real-time monitoring to the occupational hygiene environment.

## REMOTE ENVIRONMENTAL MONITORING FROM CIRRUS RESEARCH

The range of indoor and outdoor remote noise monitors from Cirrus are ideal for unattended noise measurements and will help you address issues before a non-compliance occurs. Cloud-connectivity through MyCirrus offers automated noise alerts, secure data management, and reporting.

### Quantum Indoor



#### Indoor Noise Monitoring

Quantum Indoor is a powerful noise monitoring solution with built-in cloud connectivity, suited for unattended indoor noise monitoring across a range of applications. Quantum Indoor can be used for long-term occupational noise monitoring, identifying the source and type of noise that is occurring and highlighting where noise control measures are required.

### Quantum Outdoor



#### Outdoor Noise Monitoring

Used for outdoor remote noise monitoring, the Quantum Outdoor also has the ability to simultaneously measure noise, dust and gaseous pollutants, and vibration, together with weather, wind speed and direction to help our customers reduce environmental risks.



## Minuendo

### Smart Alert Earplugs

An automated and integrated approach to hearing loss prevention, setting new standards in industrial and construction applications. Smart Alert earplugs and data driven guidance on noise exposure promote safer behaviour in industrial and construction markets.



- Earplugs with natural sound, maintaining situational awareness and the ability to communicate with co-workers
- Noise exposure alerts provide real-time feedback
- Digital solution encourages safety behaviour
- Promotes a collaborative rather than coercive approach to hearing loss prevention
- Simple overview for safety managers based on easily accessible data



## Reactec R-LINK

### Smart watch monitoring HAVS

The new R-Link smart watch provides enhanced capability from Reactec's original HAVS monitoring wearable, HAVWEAR, to protect your workforce from multiple industrial risks on a single device.

With the R-Link watch, fully integrated eco-system, and the powerful Reactec Analytics, you have an unprecedented view of your employees' environment to deliver effective risk prevention and open new avenues to improve operational efficiency and safety.



- Keep workers safe with proximity warnings to moving vehicles or equipment
- Gain real insight of exposure to vibration and readily show compliance
- Create exclusion zones, based on workers' credentials, to restrict access
- Send alerts and track lone workers
- Track employee movements and activity levels



## Mycometer Air

### New rapid onsite mould and allergen air analysis

On-site and accurate quantification of both fungi and allergens in one kit, at the same time.

The technology measures the levels of both mould and total allergens in parallel. It also measures the relative level of mould in relation to total allergens (FAI value). The kit is used to determine if there is a high relative level of mould thus indicating that there is a source of mould growth, potential mould exposure and potential exposure to allergens.

- On-site analysis
- Results within one hour
- Comprehensive indoor air quality measure of both fungi and allergens simultaneously





## KENZEN

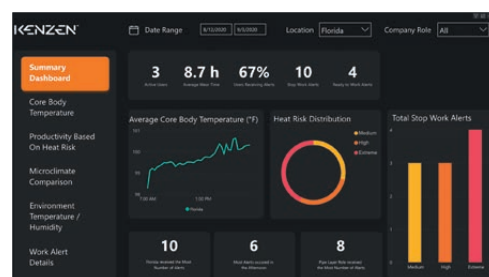
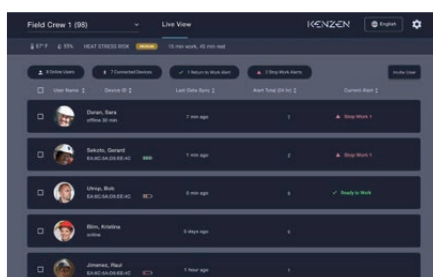
### Physiological Monitor

Updated software for the KENZEN smart PPE device makes it the go-to solution for end-to-end health and safety monitoring.

KENZEN provides heat and safety monitoring of key physiological indicators for each worker, such as core body temperature, heart rate, and exertion levels. View data in real-time on the mobile app, team view mobile dashboard or cloud-based enterprise solution which has the power to highlight safety trends and data used to implement preventative actions.



- Monitors core body temperature
- Uses Multi LED PPG sensor to monitor heart rate
- Monitors worker microclimate and sweat rate
- Motion metrics are used to factor activity levels



Talk to us about our new product range and how we can support you to work more efficiently with more effective outcomes.

**AES** – Leading the way in real-time monitoring instruments, connecting health and wellbeing.



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