



ALLSOLUS

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THE ALLSOLUS™ SOLUTION

The AllSolus™ Wireless Energy Monitoring System has been developed to provide wireless monitoring solutions for electrical energy, renewable power generation, water and gas monitoring, environmental sensing and monitoring as well as system control and having the ability for visualisation, reporting and evaluation.

The overall objective and benefit of the AllSolus™ system is contained within its long-range wireless transmission technology allowing simple installation and reliable performance of monitoring for use in retail, commercial and industrial locations.



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COMMERCIAL APPLICATIONS



COMMERCIAL MONITORING

For business owners, commercial tenants, landlords or property managers the prospect of ever increasing electricity costs can be of great concern. A common solution to this concern may be to install a solar PV or hot water system, replace inefficient appliances such as old air conditioners or possibly install energy efficient lighting solutions, power factor correctors or variable speed drives for large motors. All of these measures are great and can be of huge benefit however, what is missing from the outset is the answer to the simple question of what is the true power picture? What is the actual level of instantaneous power consumption per circuit or device, what is its trend throughout the day and what is the internal temperature of the offices spaces? Are motors overheating? Is the air-conditioning running at a consistent temperature or does it require maintenance? Additionally once a renewable energy system has been installed on the roof how does a business owner or operator ever really know if it is actually doing what they expect? The answer is simple and pays for itself, the solution is to monitor the property, whether just the consumption, the water or gas flow, monitor the internal room temperatures, even the roof top PV system, sun light and air temperature values.

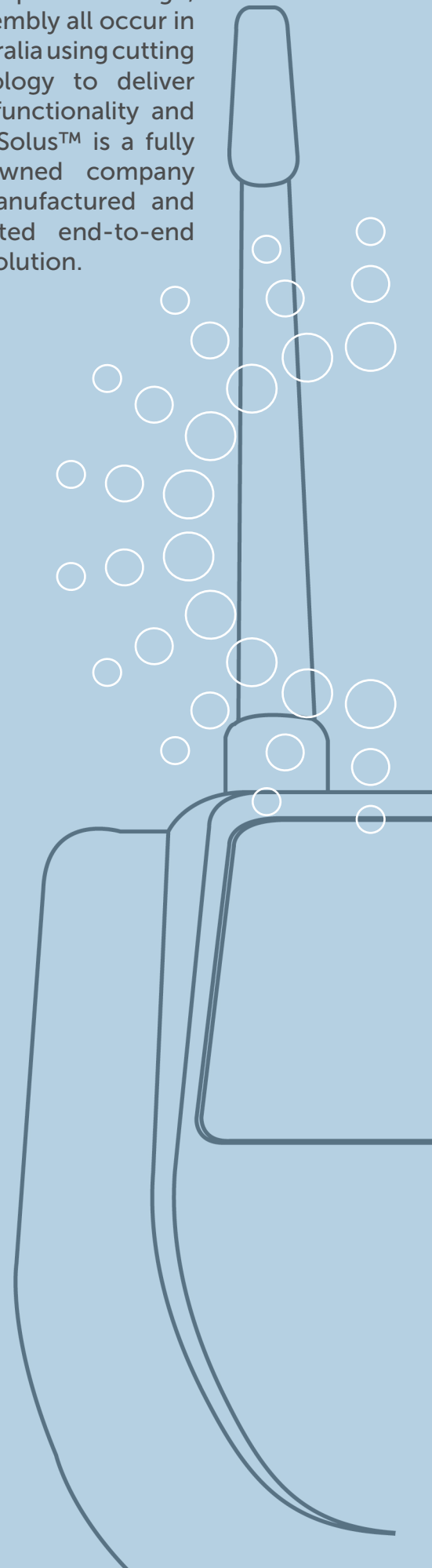
The AllSolus™ energy monitoring technology is a great example of information gathering, consumption trend analysis, and consumption management, reporting and fault security. The unique live data logging ability of the product allows the user to observe real time energy usage at any time. It will also monitor the performance of a renewable energy system and prevailing environmental conditions, whether direct in the office on a PC, or integrated into a BMS, or with data streamed live onto the unique and fully tailored online web portal. Viewable from anywhere in the world, the AllSolus™ system offers complete peace of mind.

The long-range, high powered, 20km wireless transmission technology not only allows for simple installation but ensures that signals can penetrate through many walls, cross floor space, open areas or even connect buildings together. The automatic triangulation technology will always ensure that the strongest and quickest route back to base will always be taken for the transmission of data.

The AllSolus™ Wireless Energy Monitoring System specialises in providing wireless solutions for energy, solar, water, gas and environmental applications, represented via a state-of-the-art web portal.

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Our innovative product design, R&D and assembly all occur in house in Australia using cutting edge technology to deliver the highest functionality and reliability. AllSolus™ is a fully Australian owned company designed, manufactured and fully supported end-to-end monitoring solution.





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