



SCARLET | TECH

WINDPRO CASE STUDY

# Hassle-Free Wireless Wind Monitoring for Empty Container Yards

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**Empty shipping containers are vulnerable to high winds, often requiring operations to stop when wind speeds reach critical levels. To improve the operation safety, WindPro is trusted with hassle-free and reliable wind monitoring capabilities.**

## BACKGROUND

In empty container yards, operations such as stacking, unstacking, and container maintenance are common. These activities are highly impacted by wind conditions. When wind speed reaching critical safety levels, the yard must close to cease operations, making accurate and real-time wind monitoring essential in such situations.

Given the open nature of container yards, a device with flexibility in placement and does not require extensive cabling is ideal for efficient operations. For **CCIS ANL Australia**, reliable wind safety monitoring is a priority, and they have installed the WindPro wireless anemometer in their empty container yards.

CCIS ANL Australia is an empty shipping container park based in Melbourne, specializing in container storage, container repair, container upgrading, and refrigerator (reefer) container setup.



▼ WindPro wind sensor installed in empty container yards



## SOLUTION

WindPro was utilized by placing wind sensor in a higher area within the yard. Installation is quick in two steps:

1. Lock the wind sensor onto the magnetic bracket.
2. Mount it on the metal surface and it starts measure the wind.

With 3-year battery life and IP67 certified for all-weather durability, the wind sensor ensures low maintenance and allowing it to remain deployed without frequent removal.

Control console is located inside the office, within a 1,000-meter wireless range of the wind sensor.

▼ WindPro wind sensor installed in empty container yards



▲ WindPro control console located inside office





Officers can conveniently view real-time wind speed and direction data. During high winds, the four configurable wind alerts notify officers as wind speeds gradually increase. This makes Scarlet's WindPro highly suitable for this situation and for use in open spaces, enabling staff to manage wind safety efficiently.

**NEED ONLINE MONITORING?**

Choose WindPro Online to give your team access real-time wind data from web portal. Stay informed with instant wind speeds alerts delivered via email or directly through the web interface.



▲ WindPro Online for wind monitor via web portal

# WindPro

Ultra-Long Range Wireless Anemometer

DISCOVER NOW



Scarlet Tech specializes in delivering tailor-made, state-of-the-art HSE instruments for accurate measurement and real-time monitoring in demanding environments. Comprehensive range of professional HSE instruments: wireless anemometer, wireless crane camera system, heat stress meter, class 1 & 2 sound level meter.