



Digital dashboard

Everything at your fingertips



Complexity



Price



Scale



The complexities of modern farming cannot be understated. From new technologies to innovative practices, Australian farms are far removed from their historic simplicity.

While these changes ostensibly make farming more productive and efficient, they also require farmers to learn and adapt. The digitisation of many technologies that were previously analogue has led to the creation of digital dashboards – software that ties the many complex sensors and probes into one easily-accessible database.

How

Digital dashboards act as a hub from which detailed information about various on-farm systems can be accessed.

In their simplest form, these dashboards collate information from existing sensors to monitor systems such as flow pumps, silos, and milk vats for changes in temperature, volume, and output.

Complex dashboards, however, can integrate a range of additional sensors that can suit farms of any sector.

Warehouse monitoring and control systems can ensure that dry and cool stores are kept at the optimum temperature and humidity. Water sensors can take into account the clarity and flow at different locations, while pump and irrigation control and automation can assist in horticultural projects.

All information from the sensors is sent via the cloud to the dashboard, which then collates and displays the relevant data on a visual interface. This can be connected to a computer, or sent to a smartphone.

Why

- Compiling all information from the various integrated and interactive systems on farm is no easy task. Automating this process saves not only time and labour, but also prevents human error.
- The capacity for real-time alerts cannot be understated; immediate notification if conditions exceed pre-set limits can have a huge impact on the output of any farming operation and can save thousands of dollars in product.
- Digital dashboards are entirely customisable, and can be installed and built to suit any farm. Many companies offer specific consultations with their software team, so that they can tailor the digital dashboard to fit the needs of whatever asset or system is being monitored.

Efficiency

Data

Productivity

Benefits

Efficient

Save time and labour in monitoring your farm.

Rapid response

Integrated SMS alert systems keep you informed about what's happening on farm.

Cost effective

Can save thousands of dollars by using dashboards to monitor product.

Getting started

1. Obtain digital dashboard software and compatible sensors from reputable supplier.
2. Install the sensors and probes.
3. Set up dashboard on a central hub computer.
4. Set condition limits to receive notifications to mobile devices.

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More Info

For more information on how you can deploy this technology on farm, give us a call or visit our website via the link below or QR code.



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