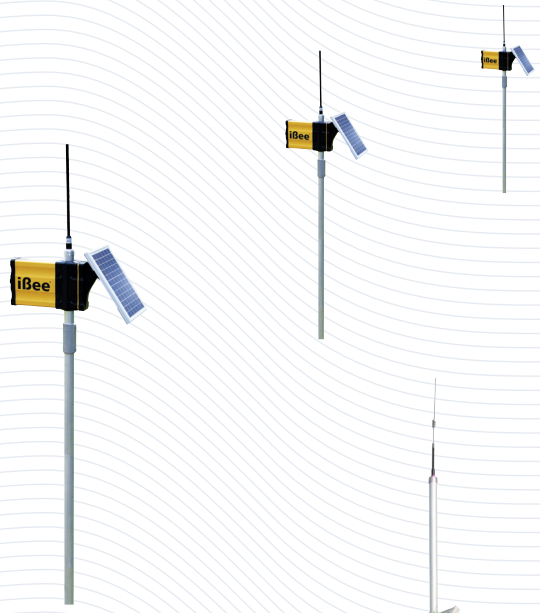
FarmConnect®



Communications Network

FarmConnect's wireless communications network enables remote monitoring and control of your entire irrigation system.

How it works

ißee® Radio Nodes power, monitor and control field devices such as bay gates, pipe and riser valves, pumps, water cut-off sensors, flow meters, weather stations and soil moisture probes.

By forming a wireless mesh network, ißee Radio Nodes link your irrigation hardware together. The network communicates with a central base station known as a FarmConnect Gateway which links to the internet via public 3G cellular networks.*

This allows your entire irrigation operation to be remotely and centrally managed using web-based FarmConnect software.

Application

The FarmConnect communications network's monitoring and control capabilities are ideal if you want to automate your entire irrigation operation. It links seamlessly with FarmConnect software and is easily expandable to provide a future-proof irrigation automation solution.

Key features

- Uses the ZigBee® international wireless communications standard
- Integrated GPS receivers
- Large capacity solar power supply
- Self meshing network
- Each FarmConnect gateway connects over 120 ißee nodes
- Industrial design and quality manufacture

Benefits

- Easy set-up
- Reliable communications with all-terrain coverage
- Devices automatically displayed on Google™ Maps interface
- Connects a wide range of field devices
- Long-life design
- Minimises data costs

Complete automation solution

The FarmConnect system is designed with flexibility in mind so that you can adapt it and expand it as your irrigation needs change over time.

The combination of FarmConnect communications technology and FarmConnect software provides you with a single platform from which you can integrate crop management, irrigation system monitoring, control and full automation.

About Rubicon

Rubicon Water delivers advanced technology that optimises gravity-fed irrigation, providing unprecedented levels of operational efficiency and control, increasing water availability and improving farmers' lives.

*Connectivity to other cellular network types is available

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