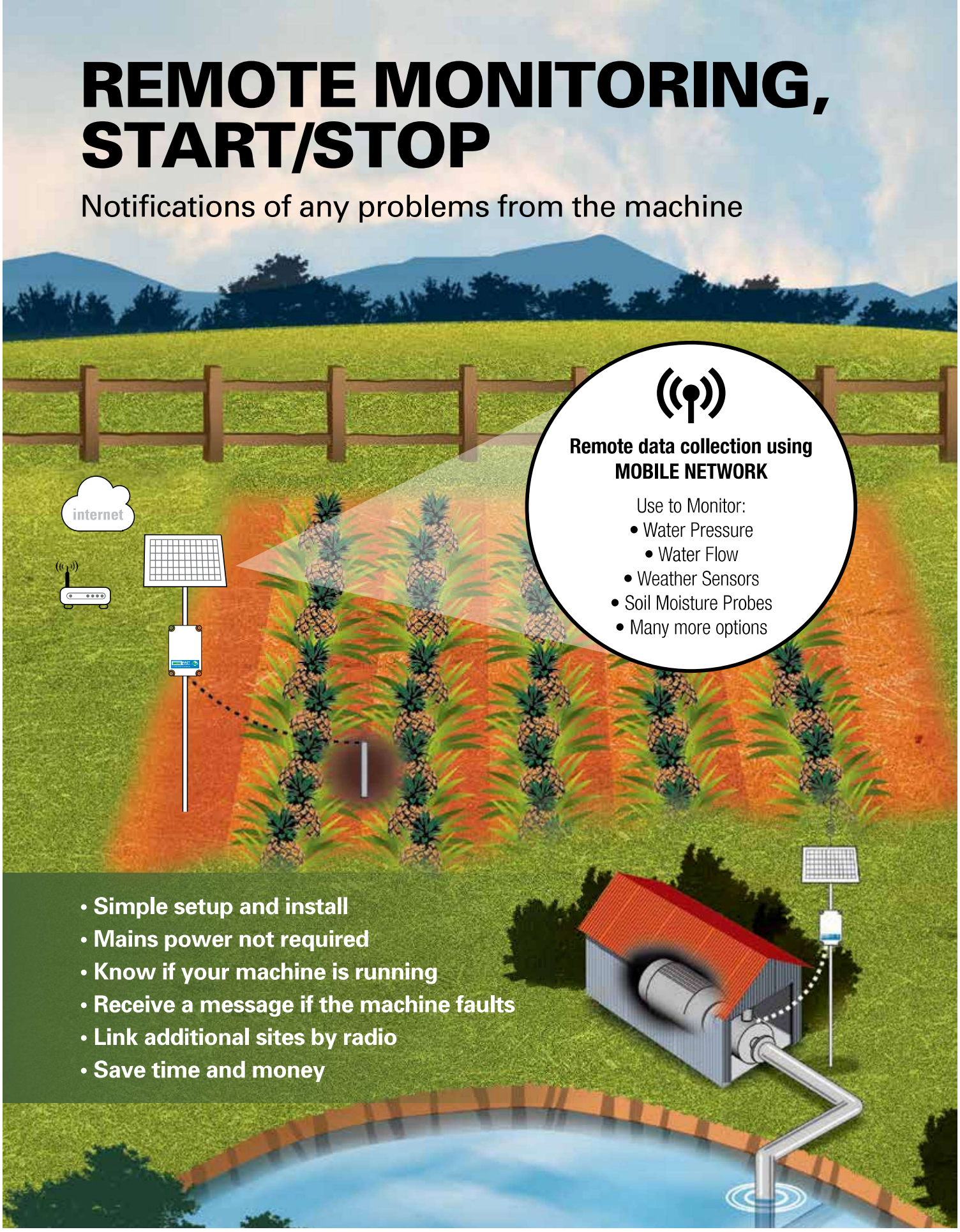
REMOTE MONITORING, START/STOP

Notifications of any problems from the machine



- **Simple setup and install**
- **Mains power not required**
- **Know if your machine is running**
- **Receive a message if the machine faults**
- **Link additional sites by radio**
- **Save time and money**

MAIT Industries

www.mait.com.au

To find out how to increase your water use efficiency, contact MAIT Industries on 1300 739 920, fax: 1300 739 940 or email: sales@mait.com.au

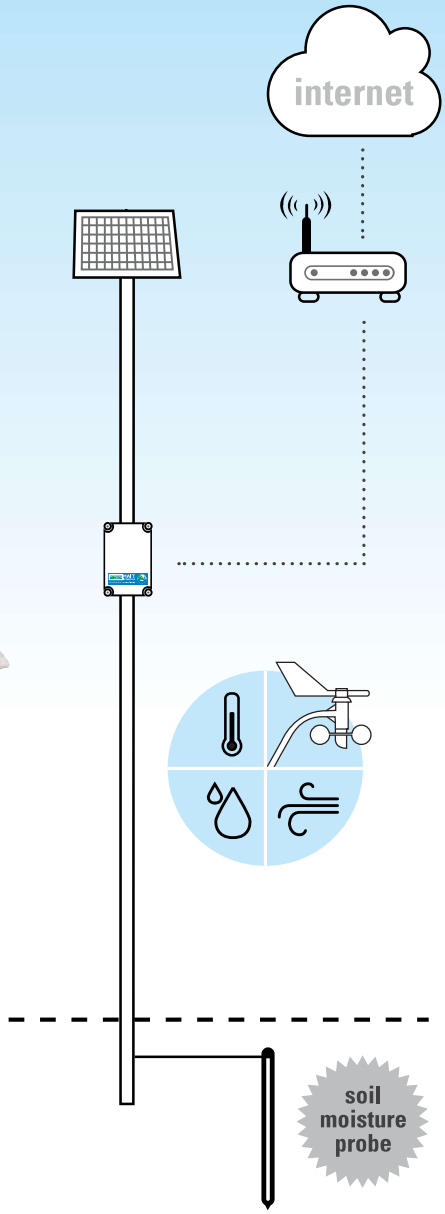
Monitoring and Control Solutions for Agriculture, Turf and the Environment

CLOUD SERIES

iData - Web Single

Have the machine let you know if there is a problem

A MAIT cloud unit connects with the machine to give you the power of knowing whether the machine is running and the ability to start and stop the machine from any device. The ability to know firsthand whether the machine has faulted and the peace of mind knowing you are in control.



OPERATING CONDITIONS

Battery Voltage	+9V to +13.8V
Operating Current (12V supply, inputs open circuit, outputs off)	2.4mA (Modem sleeping, 12V sensor power disabled) 37mA (Modem awake, idle) 250mA (Modem transmitting)
Additional current with 12V Sensor Power enabled in "unregulated" mode	4mA approx.
Sensor Input Voltage Note 3	0V to 3.3V, 4 to 20mA
Sensor Output Voltage Note 4	12V
Solenoid Output Current	3A pulsed <500mA continuous

MAXIMUM RATINGS

Battery Terminals (w.r.t. Gnd) Note 1	-15V to +15V
Sensor Input Voltage Note 1	0V to +15V
Solenoid Output Voltage	0V to +20V
Solenoid Output Current	3A (continuous)
Sensor Supply Output Current Note 2	400mA

Notes:

1. Inputs are clamped for surge protection. Continuous DC inputs outside these extremes will cause overheating and possible destruction of the clamp diodes.
2. The sensor output voltage is current limited and able to withstand a continuous short circuit.
3. Voltages are generally not directly applied to digital input pins. Each sensor input has a 10k pull-up resistor to +3.3V. This represents the OFF condition. The input is typically shorted to ground through a voltage free contact to represent an ON condition. Applying a voltage outside these limits will cause the input protection diode to conduct, placing approx. 1k resistance between the input and ground.
4. While the maximum sensor output voltage is limited to 12V it is derived from the battery voltage and, therefore, can never exceed the battery voltage.

MAIT Industries

www.mait.com.au

To find out how to increase your water use efficiency, contact MAIT Industries on 1300 739 920, fax: 1300 739 940 or email: sales@mait.com.au

Monitoring and Control Solutions for Agriculture, Turf and the Environment