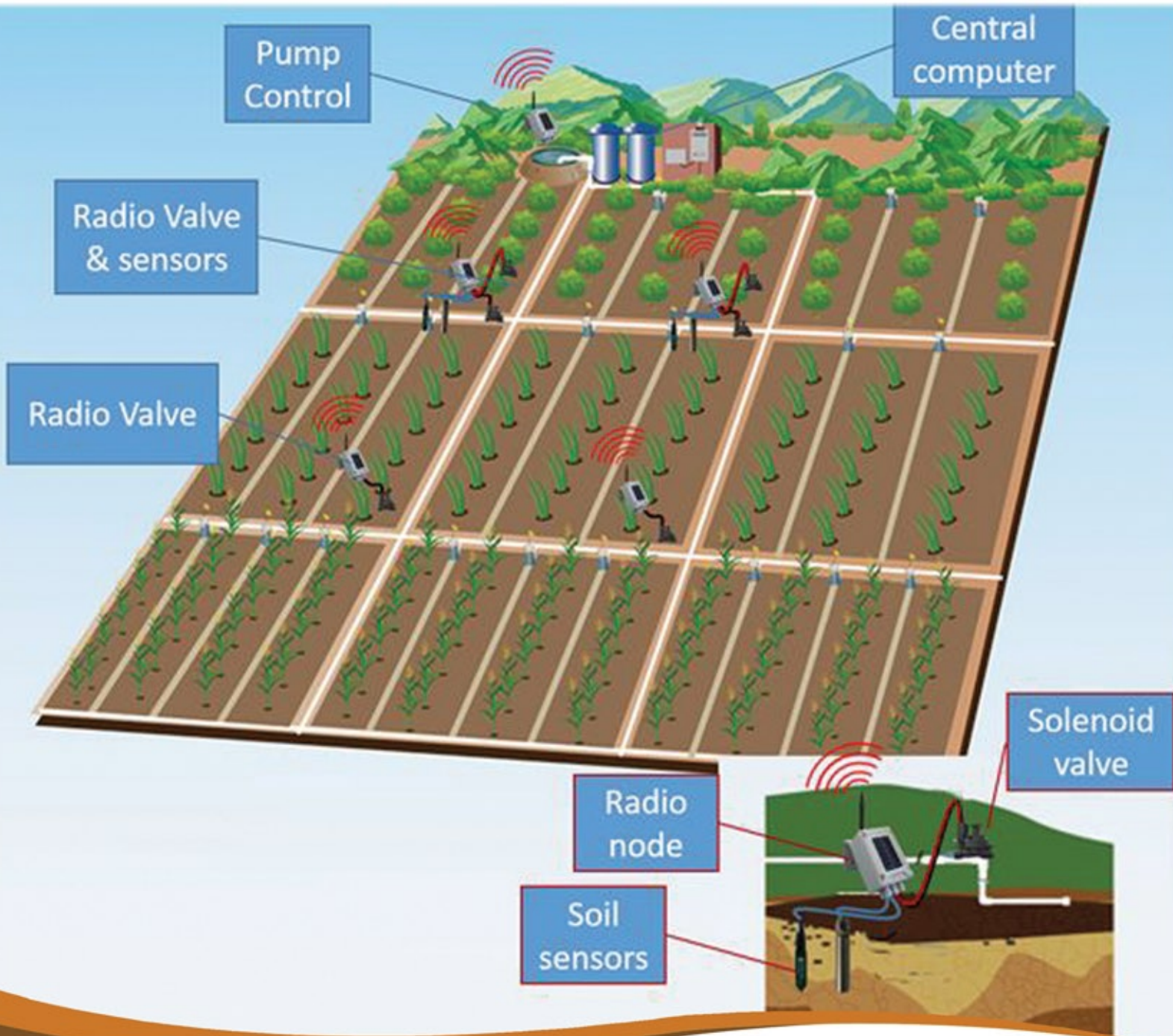




IrriWave Wireless Irrigation Control



Advantages

Compatible with any drip & sprinkle irrigation

Drop-in replacement for existing controllers

Single radio node IrriWave controls multiple valves and sensors

IrriWave is powered by solar energy

No cables are needed

Single installation covers up to 200 Ha



IrriWave Wireless Irrigation Control

YES

- ✓ Easy installation
- ✓ High availability
- ✓ Low cost
- ✓ Low energy

NO

- ✗ Cables
- ✗ Down time
- ✗ Decoders
- ✗ Maintenance



Principle of Operation

Central computer reads soil moisture from radio nodes IrriWave and sends commands to radio nodes.

Radio Nodes IrriWave switches reads data from soil moisture sensors.

Software on Central Computer analyzes soil moisture, precipitation and other parameters.

According to this data Central Computer sends commands to Radio Nodes IrriWave to operate the **Solenoid Valves**.

Technical Data Of Central Computer

Power	220 V
Weather protection	Only for indoor
Interfaces	RS485, USB, Ethernet
Max. number of radio nodes	100
Maximum area	200HA

Technical Data Of IrriWave

Power	Solar & rechargeable battery
Number of valves	2
Number of relays	1
Number of inputs (sensors)	5
Communication distance	1-3 km
Maximum latency	20 seconds