

FIELDNET | REMOTE PUMP CONTROL



An integrated, user-friendly system to maximize labor, water and energy savings.

FieldNET® by Lindsay with remote pump control allows you to remotely monitor and control your pumps for greater convenience and savings. It's an excellent irrigation management tool that provides a complete view of every pivot or lateral connected to your pump station. FieldNET also integrates with Watertronics® pump stations. Its status updates and alerts will keep you informed about system operation. This real-time system helps you prioritize irrigation scheduling for greater efficiency.

What Can Be Monitored	ADVANCED FieldNET	PREMIER FieldNET
Pressure	X	X
Flow	X	X
Temperature	X	X
Level	X	X
VFD Fault	X	X
Pump Running	X	X
Power usage (KWH)	X	X
HOA (Hands-off-Auto) Status		X
Pump Enabled		X
Run Status		X
Running Hours		X

System Capacity	ADVANCED FieldNET	PREMIER FieldNET
Max. Pumps/Motors	up to 4	up to 12
Max. Injector Pumps	up to 4	up to 4

BENEFITS:

- Save up to 75% labor costs with remote monitoring and control features.
- Lower energy costs with Dynamic Demand Control (DDC) so pumps operate at the most energy-efficient settings.
- Monitor all systems from one screen.
- Diagnose pump performance with pressure, flow and pump cycle trending charts.
- Stay informed with alerts. Know when line breaks, leaks and faults occur and the specific reason for the fault.

Available Controls (Manual)	ADVANCED FieldNET	PREMIER FieldNET
Pump – start/stop	X	X
Auxiliary – start/stop	X	X
Valve – open/close	X	X



DESIGNED TO FIT YOUR NEEDS

The FieldNET® by Lindsay remote telemetry unit (RTU) allows FieldNET control even if there's no cell phone coverage in the area.

The RTU is installed on the pivot, which then transmits information to a strategically placed radio repeater that extends the range of communication and sends it to a FieldNET bridge. The bridge is connected to an always-on

internet connection via a radio receiver attached to the bridge in the office.

Repeater stations are placed on grain legs or elevators to cover any pivots in the area within a 10-mile (16-km) radius.

FieldNET RTUs may be ordered pre-installed in a Watertronics® Variable Frequency Drive (VFD) pump panel.



DYNAMIC DEMAND CONTROL (DDC) – A WATERTRONICS AND FIELDNET EXCLUSIVE

The innovative Dynamic Demand Control (DDC) feature groups pivots with pump stations to reduce energy costs through powerful information sharing between the pivots and the pump station.

FieldNET can automatically adjust pump station pressure setpoints to best match demand from the pivots that are irrigating. Pumps are always operated at the most energy-efficient setpoint and then automatically

sequenced to effectively meet demand. The sequencing of pumps also increases pump life by evenly spreading the workload among all pumps for a better return on investment.

- Three pivots running with one pivot requiring increased pressure of 60 psi
- When that single pivot is turned off, other pivots only need 48 psi
- Automatically adjusts pump station to meet reduced pressure demand, resulting in energy savings



Distributed by:

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For more information about FieldNET, contact your local dealer or talk with a Lindsay or Watertronics representative.

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Lean, Clean and Green. Lindsay Corporation is committed to developing environmental awareness and implementing sustainable practices to reduce the use of and protect energy, water, and all other resources.

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