

MWICONNECT™

TURNKEY 24/7 REMOTE MONITORING & CONTROL SOLUTION FOR SMALL & LARGE-VOLUME WATER PUMPS



MWIconnect™ is a powerful, compact turnkey IIoT remote monitoring and control solution for small to large-volume water pump systems. Track your pump system pressure, flow, temperature, levels, vibration, start/stop operations and location the moment the equipment hits the jobsite. MWI's cloud-based app and drive unit module provides peace of mind by connecting you with real-time data 24/7. This connection allows you to improve planned maintenance, track location, receive alerts for present or critical conditions, monitor system operation and troubleshoot if needed before sending out a technician. Save time, money and stress by maximizing jobsite efficiency while reducing emergency repairs, downtime, and unneeded on-site labor no matter your location.

WHAT CAN YOU DO WITH MWICONNECT™?

Connect to Higher Efficiency with Ease

- Remote review of real-time data including pressure, flow, levels, temperature, vibration, start/stop operations, location and more
- Respond faster to running condition issues thereby reducing unit wear-and-tear and avoiding costly downtime, shutdowns or failure
- Increase performance by analyzing energy consumption
- Easily collect and monitor multiple pump's metrics within one unified platform

Planned Maintenance, Faster Pump Service & Less On-site Labor

- Eliminate the need for on-site manual inspections saving thousands per week in operating costs
- Integrated vibration, pressure and temperature monitoring gives insight into pump performance
- Real-time usage data helps you to plan maintenance such as replacing bearings, wear rings, and seals
- Alerts allow you to quickly troubleshoot or schedule pump repair technicians if needed
- Proactively diagnose equipment to ensure service technician is prepared upon jobsite arrival

MWIconnect™ gives you peace of mind with 24/7 access to monitoring, alerts, reporting, and control abilities worldwide at the touch of a keystroke.



System & Accessories

- Drive Unit Mounted Module
- Cloud-Based App & Website
- Sensors
- Retrofit Kit

PUMP PERFORMANCE MONITORING

Remotely view real-time running conditions of the pump system, including suction and discharge pressures, gallons per minute of flow, fuel levels and rate, engine hours, battery charge, coolant temperature, and many other operating system condition values. Remote monitoring helps increase personnel safety, equipment security and wear while reducing labor hours at the jobsite. Monitoring allows you to:

- **Troubleshoot remotely**
- **Ensure proper system operation**
- **Bypass and dewatering without requiring pump watch personnel**
- **Proactively schedule planned maintenance**

WHAT CAN MWICONNECT™ DO FOR YOU?

Reliable Turnkey Connectivity

- Remote system monitoring and control the moment the units go online at the jobsite
- Secure Wi-Fi connection and encryption for safe reporting
- Alerts can be easily set up and sent to multiple users via SMS and/or email for quick response
- Remote module is field programmable and Wi-Fi upgradeable to meet changing site conditions and customer requirements
- Continuous monitoring and storing of run-time data even when the pump is out of cell or GPS range
- All real-time data is fully accessible from any fixed computer or mobile smart device

Protect Property, Improve Lifespan, Safety & Security

- Improve pump lifespan with automated alerts to keep you aware of system safety limits and help avoid emergencies
- Easily track and analyze pump use/misuse to identify issues with stored run-time history.
- Built-in GPS helps you keep track of your pump's location
- Geofencing helps prevent against loss, misuse, or theft of equipment with controller disabling functionality
- Automatic low water level shut off with float or transducer enabled connection

IS THIS YOU?

Are you relying on your operators to provide performance feedback?

Are you concerned about unnecessary costs such as high energy use, unplanned repairs and on-site labor?

Are you worried about equipment theft if you do not have eyes on it at all times?

Did you know all of this is preventable?

By using embedded sensors to collect data on industrial pumps and securely connecting them to a web-based application through a remote control module, you can track and monitor all pump operation and status from one mobile dashboard. With real-time data available 24/7, you can proactively make educated decisions quickly, saving you thousands in energy and labor costs.



MWICONNECT™ APP & MWICONNECT.COM

The MWIConnect™ data-driven app helps you to monitor, analyze and compare system information in order to maximize performance and be in the know about all your pumps at any time. By providing direct line-of-sight to all your equipment within one easy dashboard and real-time alerts, you can proactively avoid larger system issues by spotting trends early and pinpointing weaknesses that otherwise might have been left unchecked. If equipment needs attention, you'll be notified immediately so you can address the issue and keep your jobsite safe and running smoothly.

With the MWIConnect™ app, you have all the data you need at your fingertips, allowing you to easily monitor your system and make decisions remotely and immediately. MWIConnect™ is your pump safety, security and mobile command center.

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