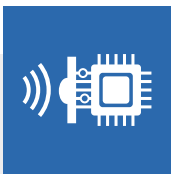


# Energy Monitoring Hardware

Digital Water works with leading-edge suppliers of hardware to help connect your data to the cloud safely and securely. Our partners use standard protocols for sensors, devices, and any required controllers to collect data with an on-premises gateway. At a high level, hardware components include:



## Sensors

Any number of process probes/sensors can be integrated with the Digital Water platform including but not limited to the following.

- Process Probes (Dissolved Oxygen, ORP, Nitrate, Ammonia, pH)
- Flow Meters
- Level Sensors
- Temperature Gauges
- Gas Concentration Sensors



## Sub-meters

In order to determine which processes and equipment are having the biggest effect on a facility's power usage and spending, sub-meters that monitor both current and voltage are installed.

- Wireless – to eliminate expensive communications wiring
- Multicircuit – one bridge can monitor up to 250 devices
- Quick installation – full installation of submeters can be accomplished in less than a day at most facilities



## Gateways

The gateway acquires data from the sensors and sub-meters, and it relays that information to the Digital Water cloud-based server. The gateway can also gather additional pertinent data from the facility and push that data to the cloud.

- Communicates over cellular modem eliminating the need to use the facility internet connection
- Easy to install – simply requires a 120 VAC power connection