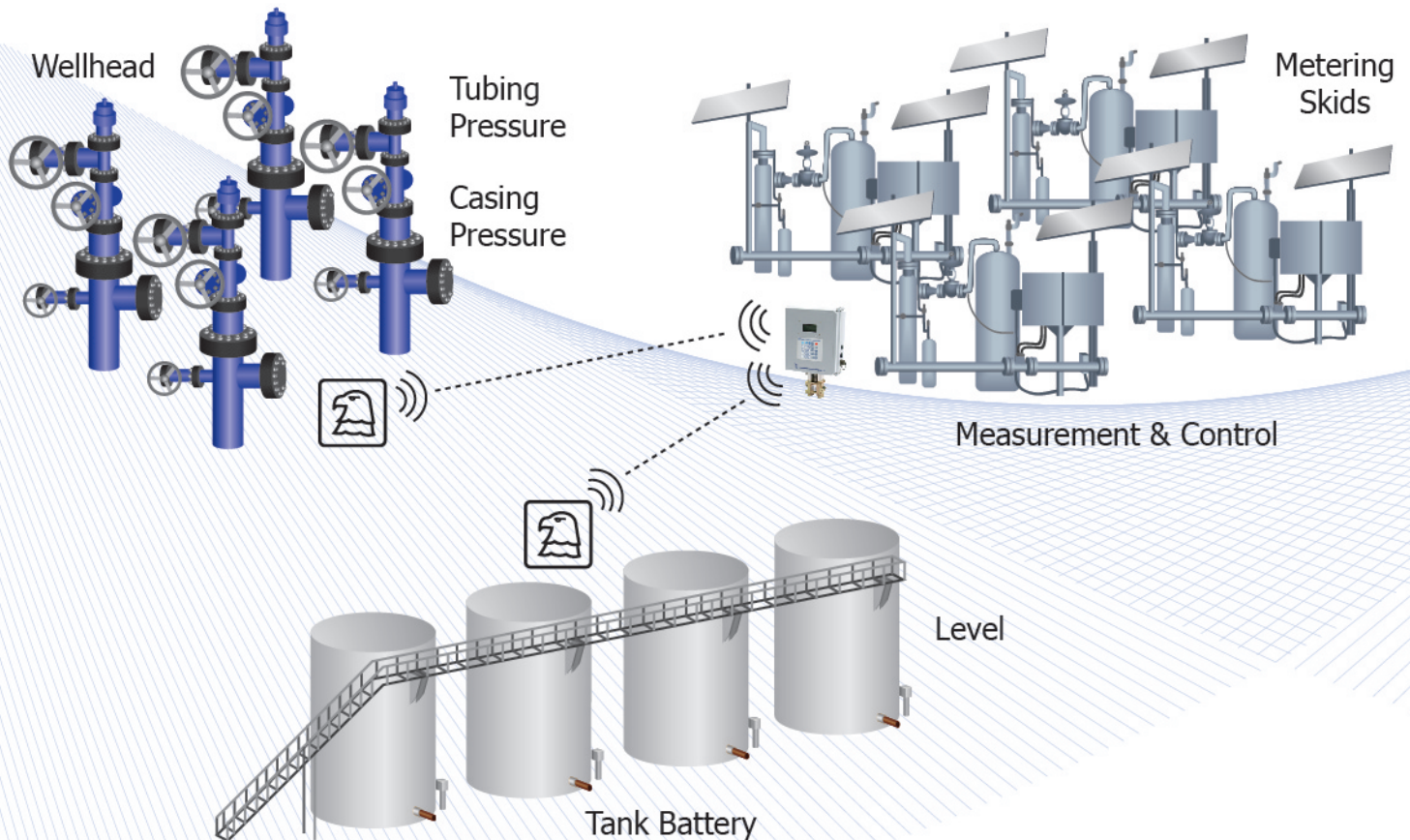# Wireless
Remote I/O

Eagle Research® continues to meet the needs of its customers to simplify traditional hardwired sites by using the industry's leading wireless solutions such as Zigbee® and other unlicensed radios. With recent advancements in horizontal drilling practices, once simple one and two well site locations have now expanded to clusters of wells on one location. In most cases, these locations cover several acres and need to not only measure natural gas, but monitor safety ESD devices, tank levels, and water use. The **XA™ Remote I/O** card replaces expensive wire and conduit runs with state of the art wireless solutions that support Mesh as well as Point to Multi-Point networking. On-board processing power and advanced power management schemes make the **XA™ Remote I/O** card the smart choice for all your measurement and control applications.

Wellhead

Tubing Pressure

Casing Pressure

Metering Skids

Measurement & Control

Level

Tank Battery

Features:

- Distributed Wired or Wireless I/O
- Communications Support RS232, RS485 (Two Wire and Four Wire), ZigBee®
- MODBUS® Protocol
  - For use with 3rd party RTU's
- Compatible with all **XA™ Series Products**
- Honeywell® Multivariable Transmitter Interface
- Robust Surge Protection
- Configure up to (8) in One Network
- UL Approvals Pending

I/O Count:

- (4) Analog Inputs (0-5V or 4-20mA)
- (2) RTD Inputs
- (2) Pulse Counter Inputs (Form A or Form C)
- (3) Discrete Digital Inputs (5-30V)
- (5) Discrete Digital Outputs (5-30V, Max Current 2A)
- Integrated Solar Charge Controller
  - Temperature Compensated