“We needed a way to detect small methane leaks around the wellhead. That way, the small leaks could be fixed in time before they developed into bigger ones.”

-- Patrice Mbeukeu, Central Valley Gas Storage, LLC.
Wire Less, Save More
A WirelessHART Network affords greater monitoring coverage and safety at lower cost than wired alternatives.

Easily fits into your system

Level 0: Field Device
- Vanguard

Level 1: Direct Control
- Gateway

Level 2: Plant Supervisory
- Any PLC, I/O, RTU
- SCADA, DCS

Vanguard WirelessHART® Gas Detector
- Detects toxic and combustible gases and wirelessly communicates it to the wirelessHART gateway
- Battery powered, Guaranteed 5-Year battery life

WirelessHART® Gateway
- Accepts data from wirelessHART devices
- Connects to Industrial Control System (ICS) with Ethernet or RS-485
- Operates on 24 VDC power

WirelessHART® Bullet
- Makes any 4-20 mA device a WiHART compatible device
- Connect up to 8 HART devices to the ICS with one Bullet

WirelessHART® Repeater
- Battery powered repeater to add points and reliability to network
- Can be attached to a device to make it a WiHART compatible device

WirelessHART® is a registered trademark of FieldComm Group
Bullet® is a registered trademark of Pepperl + Fuchs
WirelessHART Gateway Interface

Network Tips
1. The range of a WirelessHART device is 750 feet line of sight.
2. The network should have 25% of devices reporting directly to the gateway.
3. Each device should have three neighbors to maximize paths back to the gateway.

No Leak Undetected!
Cover your blind spots with gas leak detection for a variety of applications

Well Pad Safety
Gasoline Loading Terminals
Tank Emission Monitoring

Visit www.ueonline.com/vanguard to learn how to set up your system.