

UE Wireless Solutions

"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.



Reduce Project Cost & Front End Engineering and Design (FEED)



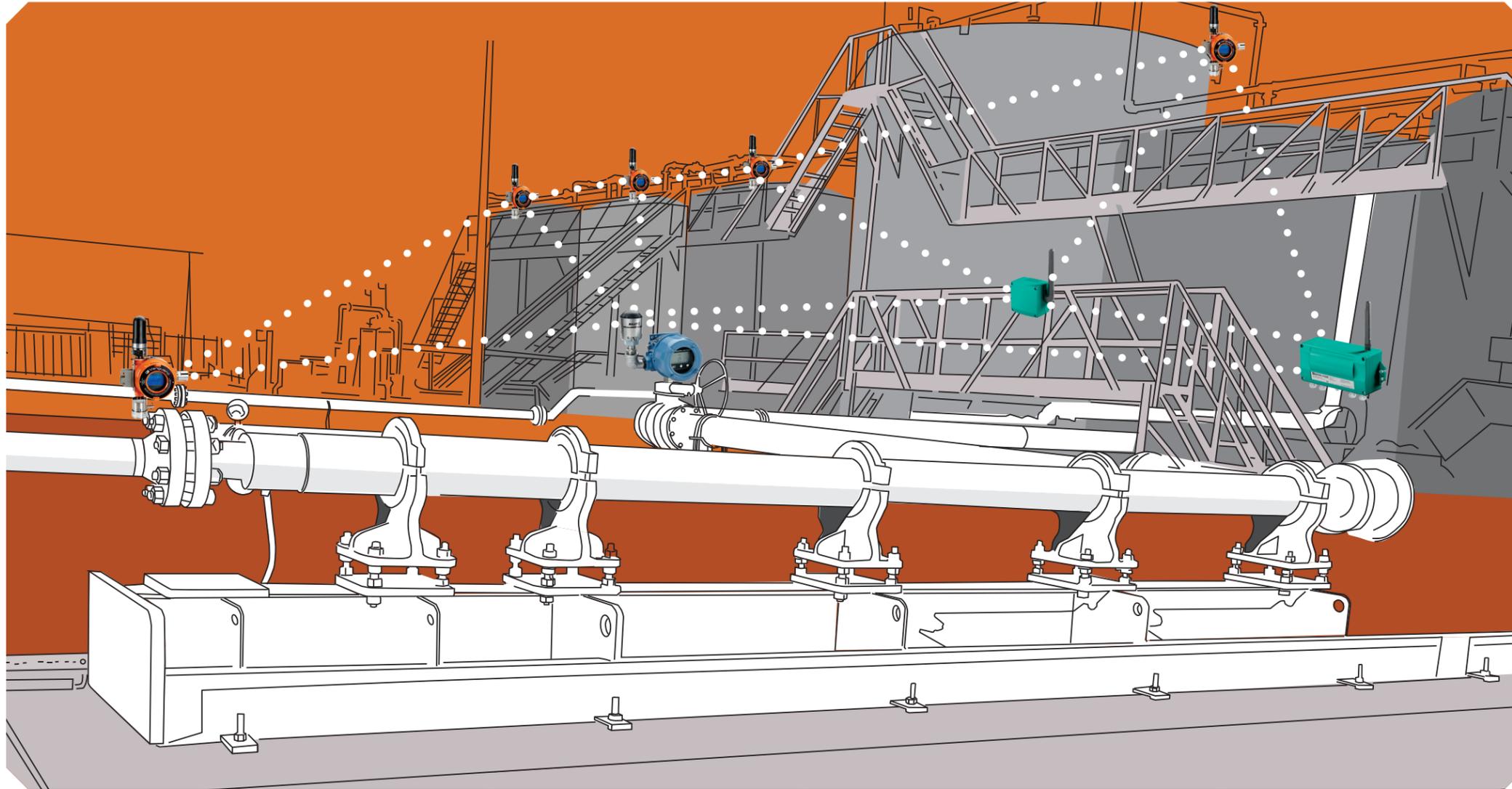
Reduced Time to Install



Interoperability with any Industrial Control System (ICS)

Wire Less, Save More

A WirelessHART Network affords greater monitoring coverage and safety at lower cost than wired alternatives.



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



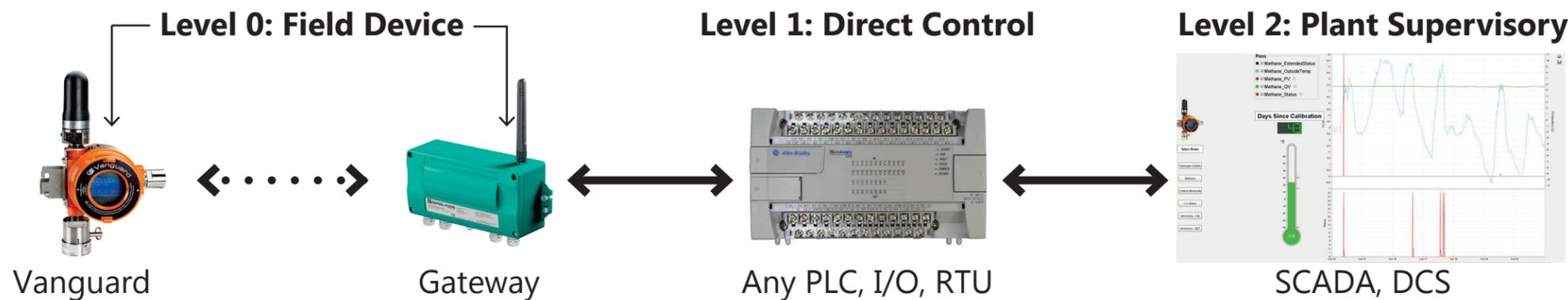
Makes any 4-20 mA device a WiHART compatible device
 Connect up to 8 HART devices to the ICS with one Bullet

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

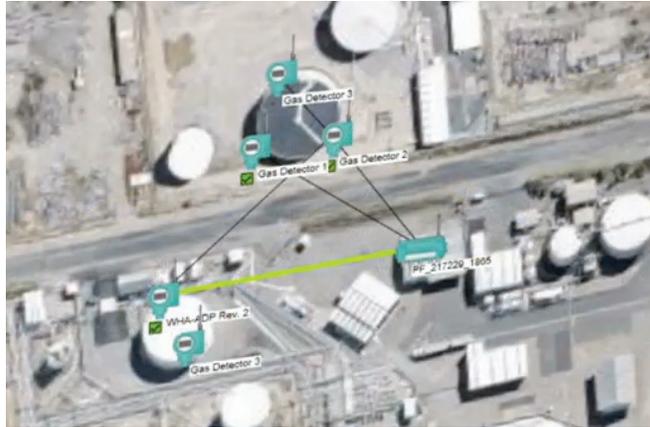
Easily fits into your system



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.



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