



Case Study: Fast Deployment for Plant Expansion



VANGUARD WirelessHART
FIXED POINT GAS DETECTOR



CHALLENGE:

A major Oil and Gas company purchased a tank farm that adjoined their refinery. The acquired asset did not have adequate fence line monitoring and needed to be brought into compliance. The time and cost to install traditional wired point detectors to do so, were not acceptable.

This is a challenge because operators are required through regulation (i.e. EPA 325), to protect their assets and employees, as well as the surrounding community from gas leakage risks by identifying and mitigating hazardous air pollutants.

United Electric's revolutionary and first of its kind Vanguard WirelessHART® Gas Detector allowed the company to meet the inspection deadline for compliance, but also capitalize on \$400,000.00 of savings, since the cost of the devices and labor for install was 1/5 that of the initial wired gas detection proposal.

Taking advantage of its existing WirelessHART network, the company quickly and economically expanded their coverage of toxic and flammable assets.

The ultimate payoff however, is protecting the health of the community living in close proximity.



Vanguard Plant Expansion

SOLUTION



Intall completed in days,
not months



Leveraged existing
WirelessHART network



Realized savings over \$400K

