

## Cooper Crouse-Hinds Industrial Wireless Solutions

Monitoring the difficult parts of your operation has never been simpler.



Imagine monitoring tank levels, heat tracing, pumps, and scores of other equipment without ever leaving your control room. With Cooper Crouse-Hinds Industrial Wireless Radios, imagination becomes reality.

Cooper Crouse-Hinds wireless solutions eliminate wired installations which are costly due to distance, obstacles, impracticality, or expense. These wireless solutions provide:

- **Flexibility**
  - Vast selection of digital, analog, and pulse inputs per transceiver, offering customers the ability to use fewer radios per system and a lower cost per transmission point
  - Repeaters are not necessary - transceivers can also act as repeaters, further decreasing system costs
- **Expandability**
  - Up to 31 serial expansion units can be added to any transceiver to expand the overall system's input/output (I/O) capability
  - Each radio is capable of sending/transmitting over 20 miles when using an antenna
- **Reliability**
  - Redundant paths can be formed between any given transceiver to ensure information is passed along to its end destination
  - The system routinely pings other wireless devices to ensure wireless connections are intact
  - The system changes frequencies as it communicates (known as frequency hopping spread spectrum) to minimize interference with other sources of radio transmissions at any one given frequency
- **Security**
  - Radios use a highly secure data encryption technique

