

A large, dark, corrugated metal pipeline runs diagonally across the frame, supported by a series of brown steel bridge piers over a body of water. The sky is blue with scattered white clouds. The pipeline has several small, dark rectangular components attached to its underside.

Disruptive technology
for **energy asset
monitoring and rapid
leak detection** that's
simple to use, smart,
and environmentally
sensible. **Be sure.**



Protect What Matters, 24/7

Target areas of high consequence, risk, or other areas of interest such as known corrosion or distress locations, population centres, and water crossings.

Monitoring With Instant Alarms, Without False Positives

Get instant alarms for the smallest of liquid hydrocarbon leaks with Direct-C's patented nanocomposite technology or for produced water leaks with salinity levels as low as 1%. Receive warnings for assets operating outside of targeted parameters such as temperature, flooding or ground movement.

Simple to Install, No Power Cables or Communication Gateways Needed

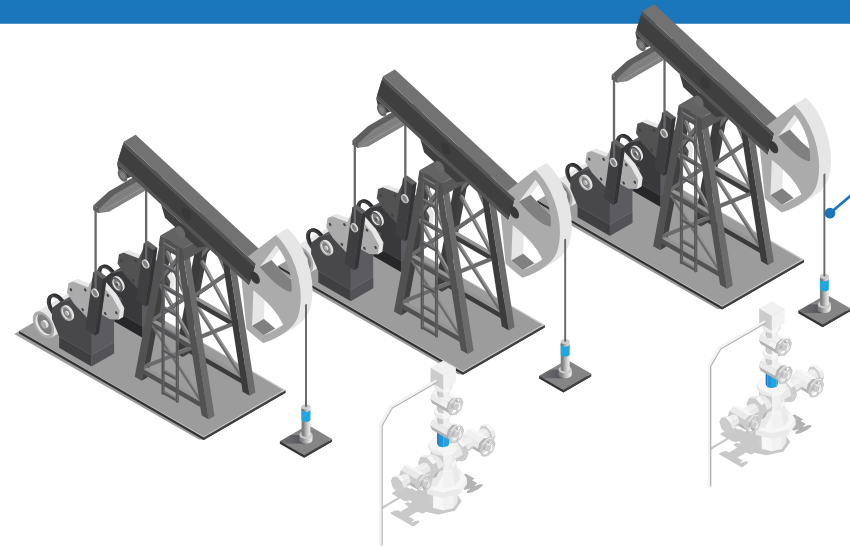
Self-contained monitoring systems can be installed and commissioned within minutes. Battery powered to operate for 3-5 years. Cellular or satellite modems enable communications from even the most remote locations in the world, 24/7.

We Monitor, You Get Actionable Intelligence

IoT devices autonomously monitor sensors using proprietary algorithms and forwards relevant data to Direct-C's centralized dashboard, triggering alarm notifications to Operators when action is needed.

Tanks

- Direct-C's **WrapSense™** can be used to monitor for leaks underneath or around above-ground tanks, or for product buildup within sumps and berms
- Flexible options for small or large diameter tanks
- Monitoring options available for liquid hydrocarbons or produced water leak detection



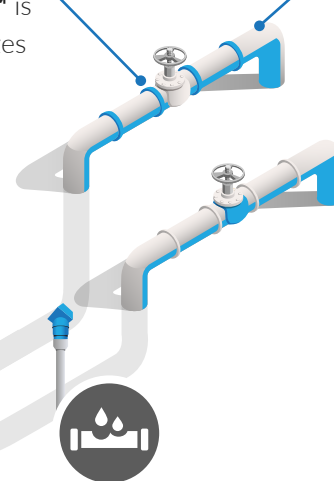
Wellheads

- Direct-C's **WrapSense™** can be installed as a collar around the casing
- **BermSense™** can be installed to monitor the entire pad containment berm



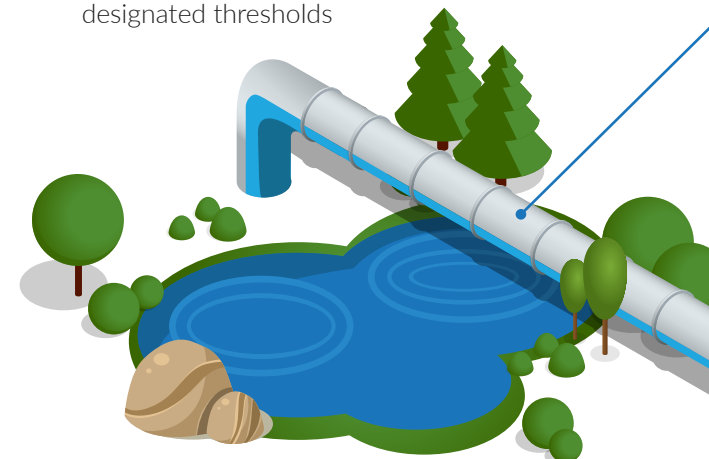
Flanges

- Direct-C's **FlangeSense™** is available for all flange sizes
- Ability to detect liquid hydrocarbons or other fluid leaks



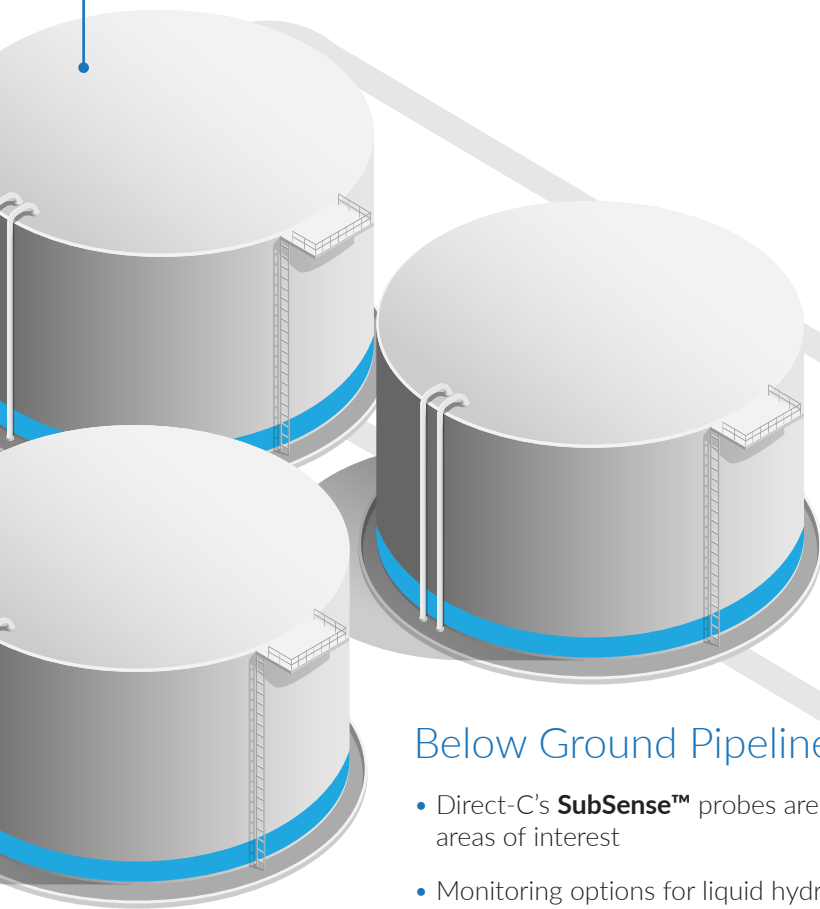
Above Ground Pipelines

- Direct-C's **WrapSense™** monitors for liquid hydrocarbon leaks on above ground pipelines, pig traps, valves, etc.
- Can be installed externally or underneath insulation cladding
- Installations can cover a few meters to a few kilometers of high-interest areas
- Ability to add temperature sensors to warn operators when assets are operating outside of designated thresholds



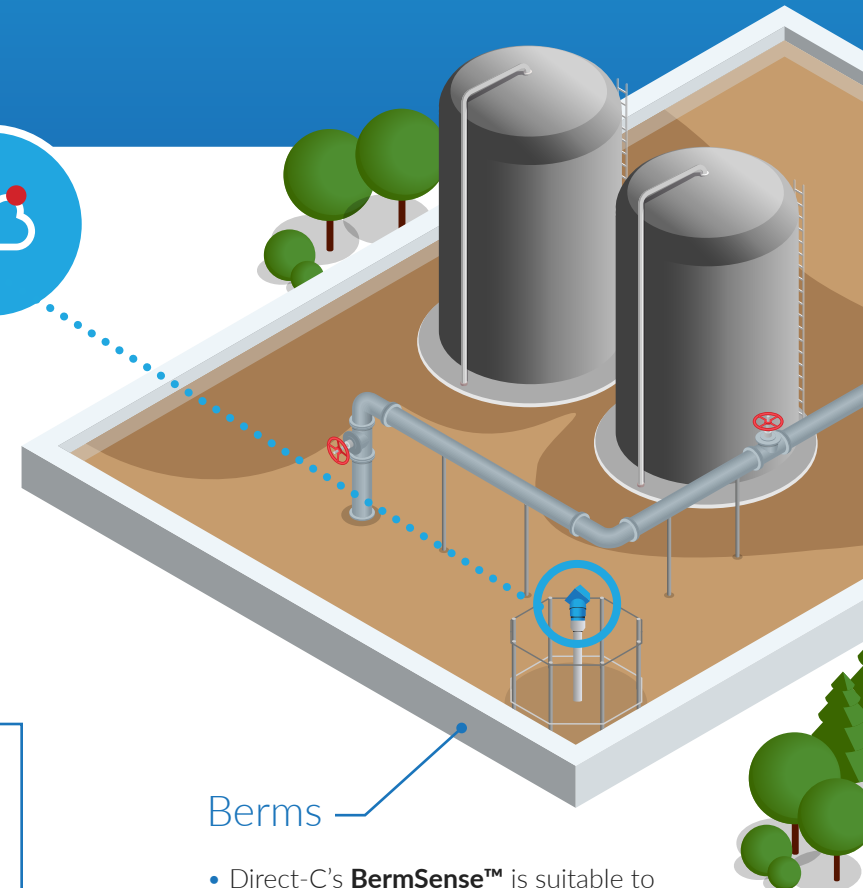
Below Ground Pipelines

- Direct-C's **SubSense™** probes are installed in-ground next to underground pipelines at areas of interest
- Monitoring options for liquid hydrocarbons and/or produced water leak detection
- Warnings for water table fluctuations or ground movement provides operators additional integrity management data



Berms

- Direct-C's **BermSense™** is suitable to monitor all assets within a berm
- Units can be easily installed with or without ground disturbance
- Monitoring options available for liquid hydrocarbons and/or produced water leak detection
- Ability to warn operators in the event of significant rainwater build up



Remove Uncertainty and Reduce Risk. **Be Sure.**

Order Direct-C Today
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