Smarter Networks
This is smart

>70 sensors, 30 in engine alone!

Safety:
- Cameras / Radar
- Blind spot sensors
- Tyre Pressure
- Airbags
- ...

Efficiency:
- Lambda / exhaust sensors
- Auto choke
- Start / stop technology
- ...

Predictive maintenance:
- Fuel gauge
- Oil warning light
- Engine warning light
- ...
Making gas networks smart?

What is accepted today

• <200 sensors to bill ~24,000,000 consumers!
• Rare, but painful issues occur
  • Unaccounted for gas
  • Leakage / PRE
  • Supply contamination / disruption / other

Needed to be smart and resilient for the future

• Low-cost sensors
  • Pressure, Calorific Value, Moisture, Leakage, Vibration, ...
• Easy deployment
• Information about everything, to deliver:
  • Safety
  • Efficiency
  • Predictive maintenance

(We are developing low-cost sensors, to be easily deployed at scale and generate this valuable data, for a smarter network)
Drive smart!

Tony Wimpenny | Tony.Wimpenny@bohreng.com | www.bohreng.com

Find us at the Energy Innovation Summit Innovation Hub