Valve Position Monitoring

- Detect abnormalities (alarms) & better understanding of pressure gradients (plant-wide)
- Instrument a variety of valves (ball, butterfly, gate, globe)
- Report position wirelessly
- Accuracy of +/- 5 degrees (or 5%)
- No calibration / Easy installation

Leak Detection

- Detect grade 1 and 2 (and possibly grade 3) leaks within seconds to minutes of their occurrence
- Assess the size of the leak
- Localize the leak
- Approach: detect small variations in the concentration of the gases of interest and use weather data (wind speed and direction, and humidity/temperature) to reconstruct concentration gradients