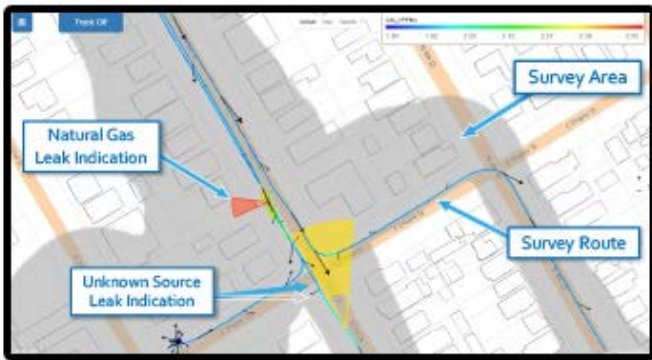




# FAST, ACCURATE SURVEYS WITH IMMEDIATE LEAK SURVEY DATA



## MobileGuard™ - Advanced Leak Detection System

The MobileGuard gas leak detection system consists of a methane/ethane analyzer, GPS, a sonic anemometer and proprietary leak detection software that presents real-time geospatial maps of multiple gas concentrations. The software's sophisticated leak detection algorithm combines the system's measurements of gas concentrations (CH<sub>4</sub>, C<sub>2</sub>H<sub>6</sub>), local coordinates (GPS) and local wind velocity (sonic anemometer) to estimate the leak location. Readings are stored in the device and can be transmitted in real-time to the Cloud for centralized monitoring.

The MobileGuard gas leak detection system uses ABB's patented LGR Off-Axis Integrated Cavity Output Spectroscopy (OA-ICOS) technique which has a sensitivity and precision more than 3,000 times greater than legacy methods. This enables identification of leaks several hundred feet away from the source.

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