

March 2018



Your Safety...Our Commitment

TECHNOLOGY & SERVICES UPDATE



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 (CH₄, C₂H₆), local coordinates (GPS) and local wind velocity (sonic anemometer) to estimate the leak location.

The MobileGuard™ 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 at great distances away from the source.

Data readings are stored in the device's cloud and as an added benefit, neither Heath nor ABB have access to the data without the customer's permission. Customers can have an unlimited number of data analyst who have access to the MobileGuard™ software. This way, survey teams, R&D teams, corporate, and others are not plagued with an overwhelming number of software site licenses.

When a MobileGuard™ unit is purchased, Heath's Installation and Training includes 1+ day of installation, 2+ days of training (general overview, surveyor/driver hands on training, data analyst training, and general maintenance training), and a MobileGuard™ accessory kit. Heath will work with the customer on choosing an appropriate vehicle for installation and creating an individualized survey program.

Heath's annual licensing and support fee includes 24-hour customer support, yearly maintenance and certification by Heath, creation of a customer specific MobileGuard™ calibration and maintenance schedule, and assistance with creating customer specific data processing options. Heath, alongside ABB, work together to include regular software upgrades, features and improvements as well as any hardware upgrades in the yearly fees.

Ruggedly designed for continuous field use, MobileGuard™ is ergonomically and financially superior with very minimal maintenance.

I want more information on...

- [Click here to view the MobileGuard brochure](#)
- [Email Heath's Customer Service Department to get more information on this and other products](#)

Follow Heath Consultants on [Facebook](#), [LinkedIn](#) and [Twitter](#). You will find company updates, employee kudos, safety tips, industry-related news and more.

Heath Consultants Incorporated | Attn: Marketing Department | 9030 Monroe Road | Houston, TX 77061 | marketing@heathus.com | Ph: 713-844-1300