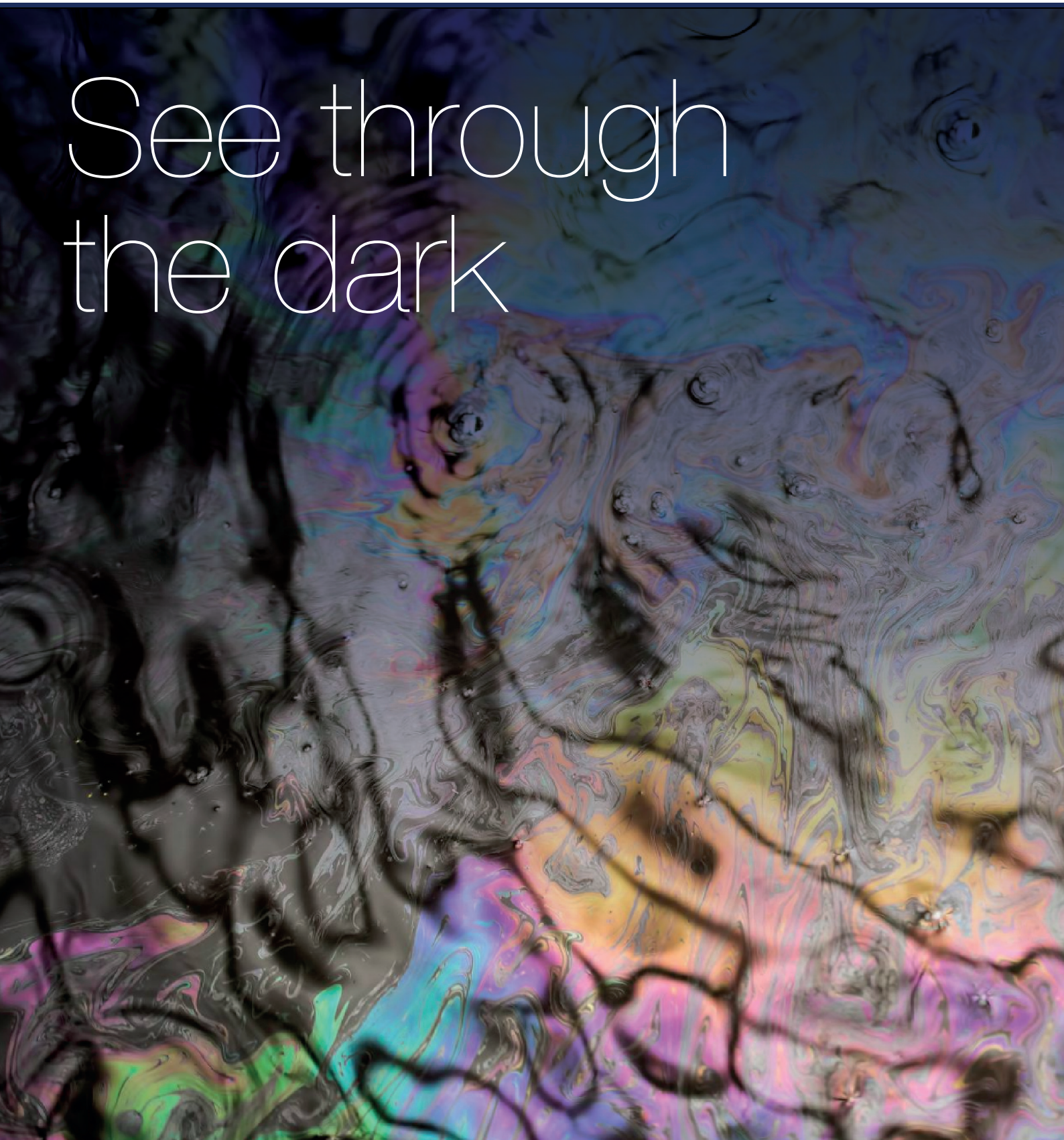
DOVER FUELING SOLUTIONS (DFS) SENSORS

See through the dark



Alleviate worry

You don't want your business to be crippled by the presence of unwanted substances or liquids in your tank manhole chambers, dispenser sumps, ground water detection locations, bounded areas and interstitial spaces.

At Dover Fueling Solutions (DFS), we offer a range of sensors to help station owners with fuel management problems, such as water ingress, contamination and leaks. Our sensors quickly alert station owners or site managers to anomalies found in the fuel stock, which if not reported, may cause serious problems for you and your customers. We want to give you peace of mind against the threat of financial damage and dissatisfied customers caused by the occurrence of these issues.

How it works

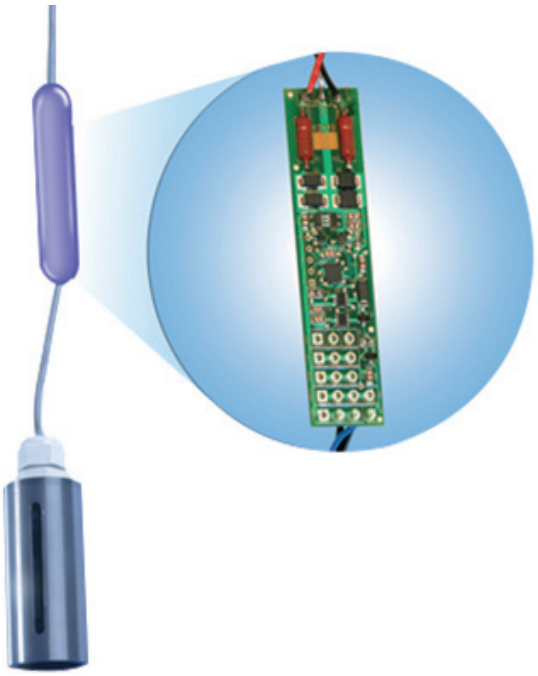
If unwanted substances, liquids or vapours are detected, certain sensors are able to instantly deactivate the affected equipment, such as disabling a fuel dispenser and preventing it from being used. Audible alarms - generated on the tank gauge console - are also an integral part of the majority of our sensors' connected functionality, and help to ensure that important notifications are not missed.

IntelliSense™ technology

IntelliSense™ technology delivers the ability to monitor all areas of the fuel site, such as tank interstice, piping sumps, STP containment sumps, dispenser sumps/pans and monitoring wells.

By interfacing all sensors through a single 3-core cable connection, this technology ensures that DFS consoles - regardless of the type or place of installation - know immediately what type of sensor is connected, as well as the model number and name.

The IntelliSense technology also allows sensors to be multi-dropped during the installation, eliminating a wiring home-run for each sensor and making valuable savings for the station owner.



Our sensors

Pressure Line Leak Detector (PLLD)

Our PLLD sensor monitors pressure decay or drop during site operation. Installed in the submersible turbine pump regardless of the manufacturer, the PLLD sensor will sound an alarm if the pressure readings differ from the norm and may indicate the presence of a leak. Our PLLD sensor performs precision line leak testing at full pump pressure for 0.39 litres per hour (lph) (0.1 gallons per hour (gph)) and 0.76 lph (0.2 gph) and a pressure decay test to meet the U.S. EPA 11.36 lph/3.0 gph test requirements.

Interstitial Hydrocarbon Liquid Sensor with Water Indicator

The Interstitial Hydrocarbon Liquid Sensor with Water Indicator (discriminating) is designed to be used in the interstitial (annular) space of a double-walled tank to detect the presence of fluid and distinguish between fuel and water.

Single float sensor

This sensor can be used in any sump and detects the presence of a liquid. Utilizing a float technology, it activates on the presence of water or fuel and provides an alarm condition. It's constructed of a chemically resistive, non-metallic material and can be used in sumps, dispenser pans and other containment locations.

Hydrocarbon Liquid Sensor

This sensor comes in two types: Hydrocarbon Liquid Sensor (non-discriminating) or Hydrocarbon Liquid Sensor with Water Indicator (discriminating)

Interstitial Optical Liquid Sensor

This sensor is used primarily to monitor the interstitial spaces in double-walled tanks and can also be used in sumps and dispenser pans. However, it is designed to be used in areas which have no light.

Dual Level Reservoir Sensor

The Dual Level Reservoir sensor monitors the level of the brine solution in the liquid-filled interstitial space of a tank. The bottom float of the brine sensor will remain floating under normal conditions. If the bottom float drops, it will trigger a low liquid alarm; if the brine sensor's top float begins floating, it will trigger a high liquid alarm.

Vapor Sensor

The Vapor Sensor is designed for the early detection of the presence of hydrocarbon vapors in tank interstitial spaces or a dry monitoring well. The sensor is recoverable from detection and will return to its normal state after the vapors have dissipated.

For more information, please visit **doverfuelingsolutions.com** or contact your regional sales representative.