

Level Shield

FUEL STORAGE MANAGEMENT SYSTEM



*SCI's Unified Fleet Modules offers a new and innovative approach for fuel and fleet management. It integrates **any** hardware into a **single** highly advanced yet simple to use web-based software that provides practical and actionable information.*



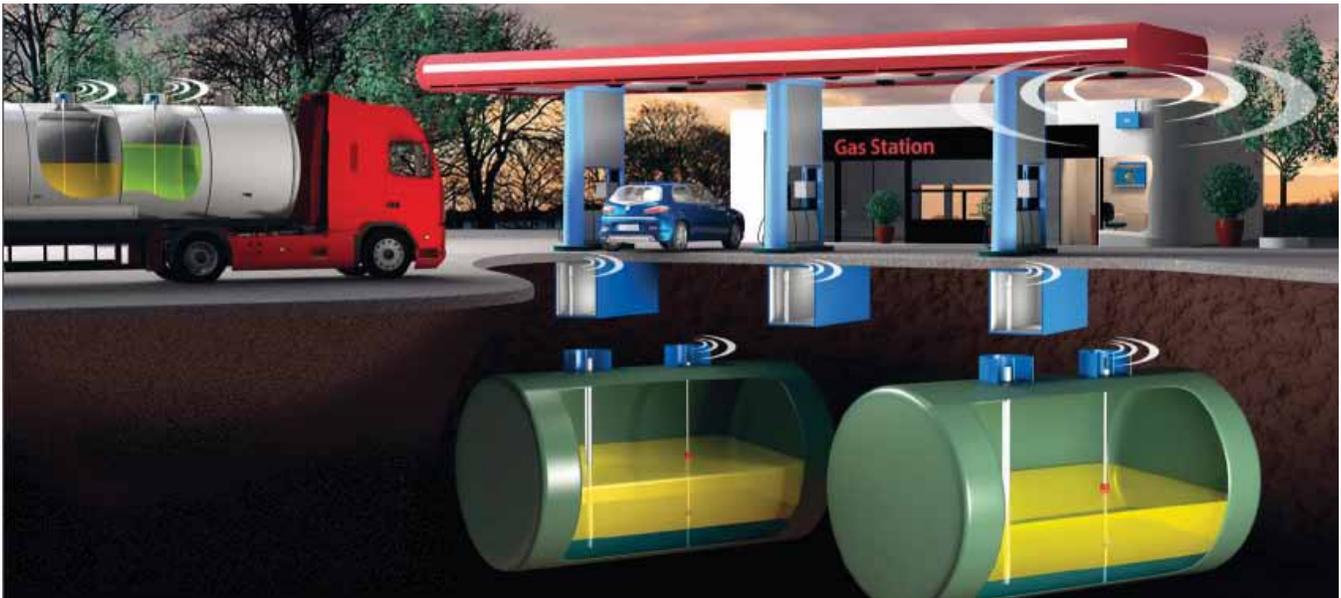
OVERVIEW:

Fuel management begins with proper control of fuel inventory and smart purchasing policy and procedures. SCI's Level Shield is a standalone module of SCI Unified Fleet Modules (UFM). It was designed with these objectives in mind by automating wireless monitoring of fuel inventory and seamlessly integrating data and alerts with smart and unique purchasing software resulting in consistently lowered costs.

There are two separate components to Level Shield: inventory monitoring (hardware), which consists of a level sensor and a control unit, and management software, which is part of the SCI Unified Fleet Modules Manager.

KEY BENEFITS:

- Elimination of siphoning from fuel storage tank
- Identifying "water fuel"
- Verification of physical delivery and real-time comparison with purchase order (PO)
- Analysis of bill of lading, freight, and taxes
- Alerts for predetermined fuel level (fully customizable and remotely programmed)
- Auto generation of vendor bids for your pending PO (eBay-style auction)
- Advanced purchasing algorithm of time and price



Level Shield is a standalone product, and thus the data can easily be shared with third-party accounting and fuel purchasing software. Level Shield is one of SCI's Unified Fleet Modules, and therefore data can always be stored, analyzed, displayed, and reported through SCI UFM Manager (web-based software).



FEATURES:

- Based on magnetostrictive level gauge technology
- Guaranteed accuracy within 0.01 millimeter
- Supports remote diagnostics and assistance
- Eliminates the need for any excavation and cabling costs
- Technology is based on a low frequency that ensures a safe transmission, even in difficult conditions
- Can be programmed remotely to send alerts relating to various fuel levels and events such as siphoning or tampering with the system
- Provides understandable data and display of fuel levels, use, and events
- Auto generates eBay-style private auctions by local vendors

DATA:

- Transaction date and time
- Current fuel level
- Change in fuel level
- Duration of continuous change
- Amount of fuel in/out
- Fuel level alerts
- Transaction location, date, and time

OPERATION:

The fuel tank is adapted for installation, and a sensor is installed (AST or UST). The sensor is connected to the Level Shield control unit, which also houses the communication device (GPRS / GSM / Wi-Fi, RF, or wired). Alerts, reports, predetermined levels, and level events are programmed via the software in the office.

The Level Shield control unit transmits the data to SCI's web-based server (or the local PC station). Transmissions by RF also occur if there is a system such as Fuel Shield that is equipped with both RF and GPRS communication.

