

LIQUID CONTROLS



EZConnect



EZConnect: Fleet Fueling Made Simple

EZConnect—Liquid Controls' new automated fleet fueling system—is designed to simplify fleet fuel delivery, streamline accounting procedures, and provide valuable data that can significantly benefit fleet management. EZConnect identifies vehicles and equipment at a fueling site, verifies the customer and the type of fuel required, records the delivery data, and transfers the delivery data to office computers.

Applications

Commercial Fleets

Construction

Aviation Ground Support

Mining

Prevent Misfuelings

Misfuelings can be very costly, paralyzing operations for hours and knocking equipment out of service for days. EZConnect provides a fail-safe method that can eliminate misfuelings. To make certain every delivery is fueled properly, EZConnect will not allow a delivery until the vehicle or piece of equipment is identified using the EZConnect handheld device. When the vehicle is identified, EZConnect pulls the vehicle's data from the database, verifies the correct fuel type, and opens the correct control valve.

No More Handwritten Tickets

By eliminating handwritten tickets, EZConnect eliminates many direct causes of accounting inaccuracies and errors such as lost tickets, unreadable tickets due to severe weather, and human error. By electronically capturing fuel data, the data can be downloaded onto the office computer much faster and more accurately than entering the data manually from each handwritten delivery ticket. Also, a detailed account summary can be printed, by customer, showing all of the equipment fueled during the shift.

Faster Deliveries

Because fuelers don't have to write out delivery tickets or reset the register, the time needed to complete a delivery is notably reduced. When the EZConnect Button Reader identifies the vehicle, it automatically recognizes the customer and product type of the vehicle. So you can fuel multiple customers at one site without stopping to switch customers.

A Valuable Fleet Management Tool

Because EZConnect provides accurate fueling data, analysis of the fueling data can reap real rewards. By tracking accurate and dependable delivery data by vehicle, it is much easier to identify and prevent theft. Another advantage of accurate, organized delivery data is its value as a fleet management tool. Over extended periods of time, tracking fuel burn rate and fuel consumption data by vehicle can help create a more focused preventative maintenance schedule and identify vehicles and equipment that don't receive fuel often, leading to better decisions about asset use.

EZConnect Benefits

- Shorten fueling times
- Prevent misfuelings
- Prevent fuel theft
- Print on-site delivery summaries
- Deliver to multiple customers without stopping or changing accounts
- Reduce billing errors
- Simplify accounting
- Reduce time to post and shorten cash cycle
- Improve preventative maintenance
- Audit fleet performance according to fuel burn and fuel consumption

EZConnect Components

EZConnect Button Reader and iButtons

Together, the EZConnect Button Reader and the iButtons identify vehicles and equipment before each EZConnect delivery. iButtons have a unique ID number that the EZConnect can read and send, wirelessly, from the fueling point to the DMS inside the truck cab. An iButton is attached to every vehicle and piece of equipment in the fleet. The vehicle's data and its ID number are saved together in the EZConnect database, so when EZConnect reads a button, the vehicle data is pulled from the database for the delivery. Vehicle data can include product type, location, customer account, name, number, and tank size. iButtons are attached to vehicles close to the fueling point where fuelers can read the iButton and still open the nozzle to make the delivery.



EZConnect Button Reader and iButton

EZConnect DMS Software

DMS EZConnect application software combines the metrological data from the LectroCount register with your company's operational data to produce a complete record of delivery activity. EZConnect is designed to automatically capture fueling data, reduce fueling time and errors, increase accuracy, and track and record all aspects of the delivery of fuel. EZConnect DMS has a number of capabilities and features including: fueler security settings, vehicle identification, delivery start and stop, recording and tracking deliveries, shift reports, and data transmission to EZConnect Office.



EZConnect Fill Vehicles Screen

DMS

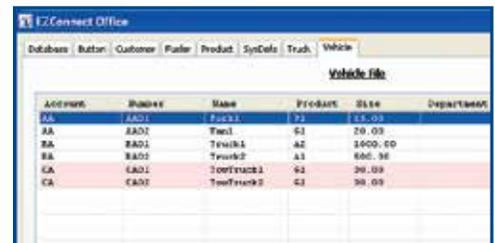
The DMS is an in-cab computer with a heavy-duty lap pad interface engineered for use in the fuels industry. The DMS runs software application programs, such as EZConnect, designed for specific types of fuel delivery operations. The DMS is equipped with two support software programs that allow users to manage files, set up LectroCount multi-register networks, and calibrate the metering system.



DMS

EZConnect Office Software

EZConnect Office is a versatile, graphical user interface for accessing and updating the EZConnect database. With EZConnect Office, you can create and manage every aspect of the EZConnect database. EZConnect Office can also control EZConnect DMS software settings such as fueler security and ticket configuration. And it's a valuable file conversion program. Transaction files sent from the DMS units in the field are easily converted into ASCII text files, so they can be uploaded into third-party accounting software.



EZConnect Office Vehicle Screen

LectroCount Registers

LectroCount registers are microprocessor-based electronic meter registers that provide metrological data to DMS EZConnect during custody transfers. LectroCount registers can be Weights & Measures approved and mounted directly onto the meter. Temperature compensation is available to correct volume measurements to a programmable base temperature. LectroCount registers are a more reliable, accurate, cost-effective alternative to mechanical registers.



LectroCount LCR 600 and LCR-II



Liquid Controls - A Tradition of Excellence

Over fifty years ago, Liquid Controls set a new standard of excellence in engineering by building the finest flow meter products possible. The very first Liquid Controls meters metered aviation fuel for the United States Air Force, and it wasn't long until the Liquid Controls name became synonymous with dependability and accuracy. With years of constant innovation in flow meter technology, a flourishing worldwide distribution network and an ever-expanding industry base, Liquid Controls remains a premier name for controlling and measuring high-value liquids and gases.

The professionals at the Liquid Controls are driven to bring you products that perform efficiently and accurately with minimum maintenance for years to come. Delivering everything you'd expect from the very best—that's our goal.

Your Customers—Our Customers

Liquid Controls is part of IDEX Energy & Fuels. The IDEX Corporation is a diversified, engineered products company. IDEX leverages the resources of high quality, similar-profile businesses to innovate solutions that bring real and lasting value to you, our customer. At Liquid Controls and IDEX, the voice of our customers is our driving force. With your guidance, we will ensure that the quality of our existing products endures and we will continue to develop new products and services that best meet your customers' needs.

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