

# LIQUID CONTROLS GROUP



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## FleetConnect: Fleet Fueling Made Simple

FleetConnect—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. FleetConnect 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. FleetConnect provides a fail-safe method that can eliminate misfuelings. To make certain every delivery is fueled properly, FleetConnect will not allow a delivery until the vehicle or piece of equipment is identified using the EZConnect handheld device. When the vehicle is identified, FleetConnect 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, FleetConnect 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. Therefore, you can fuel multiple customers at one site without stopping to switch customers.

### A Valuable Fleet Management Tool

Because FleetConnect 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.

### FleetConnect 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

# FleetConnect Components

## EZConnect and RFID Buttons

Together, the EZConnect button reader and the RFID buttons identify vehicles and equipment before each FleetConnect delivery. RFID buttons have a unique ID number that the EZConnect can read and send, wirelessly, from the fueling point to the DMS i1000 inside the truck cab. A RFID button is attached to every vehicle and piece of equipment in the fleet. The vehicle's data and its RFID number are saved together in the FleetConnect 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. RFID buttons are attached to vehicles close to the fueling point where fuelers can read the button and still open the nozzle to make the delivery.



EZConnect Button Reader and RFID Button

## FleetConnect DMS i1000 Software

DMS i1000 FleetConnect application software combines the metrological data from the LectroCount register with your company's operational data to produce a complete record of delivery activity. FleetConnect 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. DMS i1000 FleetConnect 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 FleetConnect Office.



FleetConnect Fill Vehicles Screen

## DMS i1000

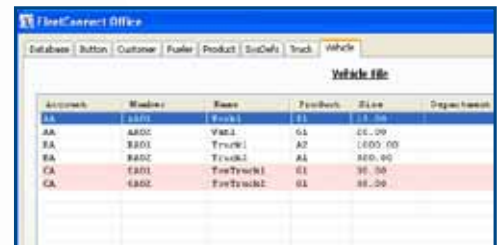
The DMS i1000 is an in-cab computer with a heavy-duty lap pad interface engineered for use in the fuels industry. The DMS i1000 runs DMS software application programs, such as FleetConnect, designed for specific types of fuel delivery operations. The DMS i1000 is also equipped with two support software programs that allow users to manage files, set up LectroCount multi-register networks, and calibrate the metering system.



DMS i1000

## FleetConnect Office Software

FleetConnect Office is a versatile graphical user interface for accessing and updating the FleetConnect database. With FleetConnect Office, you can create and manage every aspect of the FleetConnect database. FleetConnect Office can also control FleetConnect DMS i1000 software settings such as fueler security and ticket configuration. It's also a valuable file conversion program. Transaction data from DMS i1000 units in the field are easily converted into ASCII text files that can be uploaded into third-party accounting software.



FleetConnect Office Vehicle Screen

## LectroCount Registers

LectroCount registers is a microprocessor-based electronic meter register that provides metrological data to DMS i1000 FleetConnect 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



## The Liquid Controls Group

The Liquid Controls Group provides custody transfer solutions for the control and management of high-value fluids and gases. In 2001, IDEX united Corken, Liquid Controls and Sampi to form the Liquid Controls Group. Together, they used their combined resources to design valuable new products and offer cost-effective pump and meter solutions. The three flagship businesses laid the foundation for LCG's successful program of collaboration and innovation. With the additions of Liquid Controls Sponsler, Toptech Systems and Faure Herman, a total of six industry leading brands, LCG quickly became a dependable, single source provider, large enough to supply comprehensive solutions yet flexible enough to customize solutions for unique needs. Today, the Liquid Controls Group has a strong global presence with seven business units in five countries and over 500 distributors on six continents.



## Your Customers—Our Customers

The Liquid Controls Group (LCG) is part of the IDEX Corporation, 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 LCG and IDEX, the voice of our customers is our driving force. With your guidance, we can preserve the quality of our existing products and develop new products and services that best meet your customers' needs.

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