

FuelZone *mobile*

Tanker truck operation that fits in your shirt pocket

With FuelZone *mobile*, you can account for every drop of product dispensed from your tanker trucks automatically and cost effectively. And because it is built on the FleetZone platform, FuelZone *mobile* is of course wireless and routes data from multiple trucks to a central database for consolidated viewing and reporting.

What can FuelZone *mobile* do for you?

- ✓ **Track every drop of product dispensed from your tanker trucks automatically**
- ✓ **Prevent dispensing the wrong product in multi-hose configurations**
- ✓ **Record and reconcile fuel consumption to inventories**
- ✓ **Get transaction data from multiple trucks to a central consolidated database**
- ✓ **Speed up operation by eliminating manual data recording by the tanker truck operator**
- ✓ **Gratify not only management but also tanker truck operators thanks to its compact, easy to use RF Authorizer**



What makes FuelZone *mobile* different?

- Delivers all of the advantages of the FleetZone platform (see reverse)
- Wireless RF Authorizer fits in a shirt pocket
- Military grade truck computer
- Automatically and transparently collects critical data (running time, mileage, fault codes, temperature, pressure, etc.) from equipment being refueled in field refueling applications

 **Coencorp**

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The FleetZone platform

FuelZone *mobile* is a component of the FleetZone platform, an integrated suite of automated fleet management products. All of FleetZone subsystems are built on a technological platform that packs some outstanding features not specific to any one module but common to all fleetZone subsystems:

- Wireless installation
- Centralized management
- Automatic data collection
- Integrates to any network
- Unlimited capacity
- Linkable to other applications

Wireless Pump Control Unit (PCU)

- Controls 2 hoses
- Dimensions: 22.5cm x 22.5 cm x 11.25 cm
- Operation -40 to +55 deg. C
- Integrated wireless communication
- Rugged construction withstands temperature extremes and the severe road shock and vibrations typical of tanker truck applications



RF Authorizer (optional)

- Compact enough to fit in a shirt pocket
- Dimensions: 6.3 cm x cm x 12 cm x3.15 cm
- Operation: -40 to +55 deg. C
- Integrated wireless communication
- Powered by standard rechargeable batteries
- Transaction status indicator
- Long RF range will reach as far as the truck hose can go despite uneven terrain and obstacles



On-board handheld computer

- Military grade construction
- Operation 0 to +55 deg. C
- Integrated wireless communication
- Optional RFID (proximity) tag reader
- Optional barcode reader
- Sits in its truck cradle if RF Authorizer is used



Vehicle mounted tags (optional)

- 100% readable through dirt and mud
- Form factor: 5 cm Dia. x 0.5 cm
- Operation -40 to +55 deg. C
- Rugged packaging ideal for field refueling applications
- Completely weatherproof
- Passive: no power or batteries required
- Read range: 1" to 3" even when mounted on metal



Operation

Operate your tanker trucks in one of three modes:

Fraud-proof mode: in this mode, the system physically guarantees that product is being dispensed to authorized equipment only. Automated fuelling kits are installed on the equipments to be refueled. The tanker truck operator simply refills the equipment and drives away: all transaction data is recorded automatically

RF Authorizer mode: in this mode, the operator uses a shirt pocket-sized RF authorizer to initiate the refill operation. Rugged RFID tags are installed near the refill opening on each equipment to be refuelled. The tanker truck operator simply scans the equipment's RFID tag with his pocket-sized RF Authorizer, refills the field equipment and drives away

Hand-held computer mode: in this mode, the operator initiates the refill operation using a wireless (RF) handheld computer that he carries in a holster. The tanker truck operator identifies the equipment to be refilled by scanning an RFID tag or keying it into the handheld computer. He then optionally keys in equipment meter data (running time, fault codes, etc.). Validations are performed and quantities dispensed are recorded automatically

Field equipment data collection option: in all modes, the system can optionally record critical data from the equipment being refilled using an automatic wireless data link. This data recording occurs automatically and transparently to the tanker truck operator and includes items such as:

- Equipment meters such as running time or odometer
- Equipment fault codes
- Temperature or pressure measurements
- Etc.

In all cases, each step of the transaction is validated in real time, so that unauthorized personnel or invalid vehicles are not permitted to fill up. All transaction data is recorded and transferred automatically to a central database at the end of each run