

# FUEL MONITORING

## FDS (Fuel Dispensing System)

RTM's **Fuel Control** module can be utilized as a freestanding unit. The Fuel control system is based on a unit installed at a “**dedicated**” fuel pump.

This system provides the user with complete control over fuel input:

- DRIVER
- VEHICLE
- DATE
- TIME
- ODOMETER READING (From Smart Card/ Dallas Button installed in vehicle)
- FUEL LITRES.

### FEATURES:

- Smart card, Dallas Button based.
- Card/Button validity checks before switching on the motor of the pump.
- Storing of all records on the pump as well as on the card/button.
- Safe, Weatherproof installation.
- Easy to operate.
- The data transfer from the pump to the depot computer takes place by smart card/button or modem.
- Reports:
  - 1) Fuel usage
  - 2) Fuel consumption
  - 3) Distance between inputs.
- Per driver/vehicle



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**If we can measure it, you can manage it!**

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## BENEFITS:

- Connects to most Browsers
- Elimination of manual input of fuel information ensures accuracy and also saves time and costs.
- This system can eliminate logbooks.
- Fuel dispensing by unauthorized people is eliminated.
- Unattended dispensing becomes possible.

## HOW DOES IT WORK?

### Filling up of vehicles:

The driver stops the vehicle at the pump, takes his button from the reader in the vehicle, and inserts it into the reader at the fuel pump.

The unit at the fuel pump then checks the validity of the card/button, before switching on the pump motor.

While filling up the vehicle, the computer at the pump logs the driver identification, the vehicle identification, the odometer reading of the vehicle as well as the date and time.

After filling up, the fuel volume is added to this record and stored onto the unit, as well as on the button which can now be transferred back to the activation station/computer and application software for fuel reports.



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