

Take control

with Forecourt Automation!



Forecourt Automation Systems

Vehicle Identification Systems

Customer Identification Systems

Fuel
Automation
Innovative Solutions



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AUTHORISED AGENT

Petech Pump Automation Systems

Petech Wireless Fore Court Automation

The flexible station automation structure of Petech Fore Court Automation System can offer both wired and wireless communication option between dispensers and the automation PC. State of art Asis wireless technology uses secured RF frequency to establish communication between dispenser and the computer. Eliminates totally the cost and need of concrete cutting, digging, piping and reconstructing in the forecourt where there is no infrastructure for cabling.

Petech Wireless Fore Court Automation means;

- Better project cost optimization
- More flexibility for integration with new technologies
- Faster installation
- Less installation and labor work cost
- Less civil work
- Mobile Investment (Can be transferred to another station at any time)
- Less maintenance



Forecourt Automation and Station Management Systems

Forecourt Automation is one of the most important part of the fuel station automation systems. It gives total control to the management over, dispenser sales and the attendants on the site.

On-Line Pump Observation

The money and liter values are observed on the display at the market during the sales operation.

Totalizer Reading

The money and liter totalizer report on the dispensers, may be obtained whenever it is required.

Unit Price Changing /Programming

When the fuel oil unit price is changed by means of the center computer, the said unit price simultaneously changes in all the pumps. The pump never accepts the entered price on it.

Self Service

The pump is programmed in money and liter type at the market. The customer makes the payment, the confirmation is sent to the dispenser and the customer makes the filling himself/herself.

Attendants Shift

Once the shift programming and change is programmed in the system, the shift change is realized by means of a single key. The dispenser, nozzle, attendants and the fuel sales amounts in money and liter kind are registered in the memory. In the pump automation system, the attendants may give fuel oil from all the dispensers. In the shift report, the information of attendants, in basis of dispensers and total is included.



Tank Stock Tracing

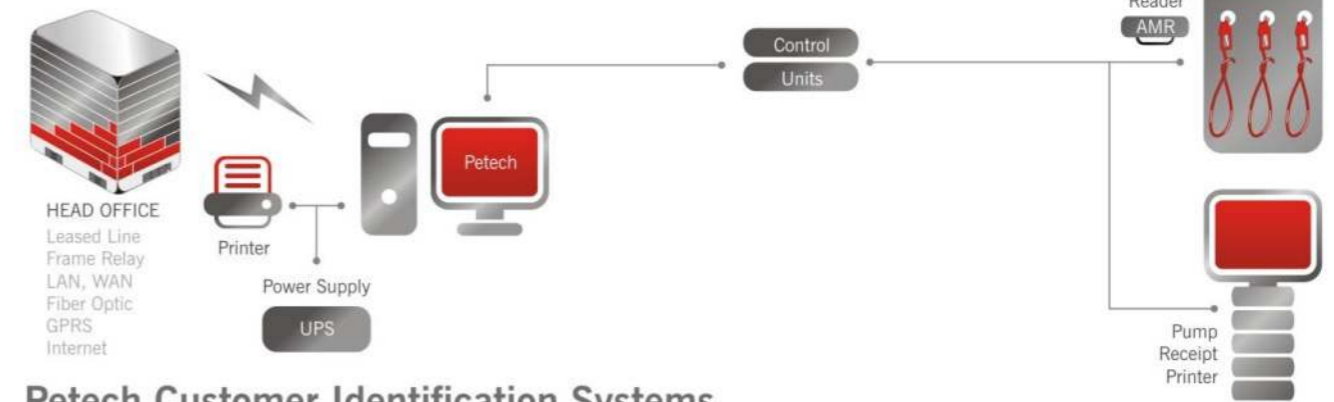
In the systems without tank automation, the fuel oil stocks and tanks, the invoice liter amount are entered into the system and stock tracing depended on sales is made.

Automatic Calibration

The system is integrated through tank automation. In the systems with tank automation, a calibration table is established through communication with the dispenser sales and so automatic calibration is made.

Reporting

Detailed dispenser sales, attendant, stock reports are obtained.



Petech Customer Identification Systems

Fleet and Individual Fuel Oil Consumption Management Systems

This system is a "Radio Frequency Identification Recognition" system designed in a manner to be operated with the fuel dispensers at filling facilities and fuel oil stations. The most evident properties of the system are easiness in fuel oil fillings and record keeping, accuracy of data and service speed. With the technique presented by RFID technology, the identification data of each vehicle is like a finger print. The data can not be recognized and copied by means of radio receivers.

VIS (Vehicle Identification System)

It provides full control possibility to the owner of fleet with regard to fuel oil consumption. With the vehicle recognition units attached to the vehicles, the information on identity, kilometer and fuel oil consumption are kept under control.

CIS (Customer Identification System)

It provides the possibility of control to the owner of vehicle with regard to fuel oil consumption. With the RF-cards used, the individual fuel oil consumption is kept under control. It can also make online credit card authorization proceeding on pump with the customer cards.

Operation System

It acknowledges the plate number of the vehicle, its company, kilometer, operation system, motor, air-conditioning hour and driver of vehicle (optional). It acknowledges the fuel oil supply date and fuel oil kind, amount and quantity. It acknowledges the daily, weekly and monthly liter or money filling number limit of the vehicle and gives filling confirmation. Besides, it gives filling record receipt that contains information such as date and hour of filling, plate number, company, amount, quantity, fuel oil kind, pump no and station name. It gives no fuel oil to any vehicle it does not recognize. The fuel oil is given to vehicles out of the system through the automated pumps with the pump staff identification unit given to each pump staff.

Reports

It reports the total fuel oil consumption in basis of fleet, vehicle, company or driver, amount and quantity of fuel oil given from the pump, and amount, quantity of fuel Oil given from each pump connected to CIS system.

