PUMP
AUTOMATION
SYSTEMS

TANK
AUTOMATION
SYSTEMS

CUSTOMER
IDENTIFICATION
SYSTEMS

VEHICLE
IDENTIFICATION
SYSTEMS

TANKER
AUTOMATION
SYSTEMS

ONLINE CENTRAL
MANAGEMENT
SYSTEMS

VEHICLE
TRACKING
SYSTEMS

MOBILE CONTAINER
AUTOMATION
SYSTEMS

FUEL STORAGE
FACILITY
AUTOMATION
SYSTEMS

LPG AUTOMATION
SYSTEMS

CALIBEX

FOX SIR

PETECH MOBILE

TAKE
CONTROL

Petech®

Tank Automation Systems

The system that manages all functions inside the storage tanks.
Measuring the current tank inventory, tank fillings, and tank alarms,
it controls the in-tank movements.

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The system that manages all functions inside the storage tanks. Measuring the current tank inventory, tank fillings, and tank alarms, it controls the in-tank movements. There are wired options for gas stations with suitable cabling infrastructure and wireless options for those who do not have this infrastructure.

Tank automation software communicates at high frequency through the barrier unit ProbeX, which ensures the safety of the system, examines, manages, records and reports the fuel, water and temperature movements in the tanks in high resolution.

Thanks to the recording of all movements in the system, historical data can be easily accessed. Fuel storage and monitoring activities, which are very important in terms of safety, environmental factors and commercial aspects for a station, are completely under control thanks to the tank automation system.

SYSTEM BASICS

Simultaneous Inventory Management
Volume and height data of the fuel and water inside the tanks, the capacity of the tank, empty volume of the tank, as well as the temperature of the fuel inside the tank can be displayed on the screen and reports can be generated.

Tank Alarms
The system automatically detects and records any unwanted situations such as excessive filling, high water level, low fuel level, high temperature, etc. and displays them as additional information on the inventory screen.

Fill Detection
Detects tank fillings automatically, displays the tank inventory data before and after each filling. Owing to integration with the pump automation system, generates accurate filling reports by also including the sales transactions made during filling operations.

Controlled Filling
It is possible to enter the amount to be filled, as well as the waybill/invoice number, prior to the filling operation; and following completion of the filling operation, by clicking on the completion button, the formal document data are also recorded in addition to the filling values.

Statistical Reports
Inventory values of tanks, alarm data, statistical reporting of fillings.

Recorded Reports
Tank inventories are recorded and reported at predefined times. Thus, it provides information about the past of the in-tank movements.

Automatic Calibration
The system operates in integration with the pump automation. In systems equipped with tank automation, it matches the pump sales with tank inventories for automatic calibration of the tanks.

Management of Different Tank Models
The system works integrated with pump automation. In systems with pump automation, it allows the system to calibrate tanks automatically by matching pump sales with tank inventories.

Reporting
Allows creation of a variety of filterable reports for sales transactions, pumps, pump attendants, products, etc. and they can be converted into a number of file formats.

Central Connection
The system is fully compatible with the Asis Central Management System (Petech Online). All sales from pumps are transmitted to the center online. Sales models requiring central authorization are utilized and all daily opening and closing data are collected and transmitted to the center at the midnight.

Different Probe Integrations
Apart from Asis probes, many different brands of probe and tank are integrated with the automation console. Currently integrated tanks and probes; Asis, VeederRoot, Fafnir, OPW, Start Italiana, MTS, Hectronic, MLB. Thanks to its integration capability, current investments of distribution companies and / or stations are protected, and a standard management system independent of hardware is created.

External Device Integrations
It is fully compatible with TRU, ALR equipment, providing additional control mechanisms for tank automation functions.
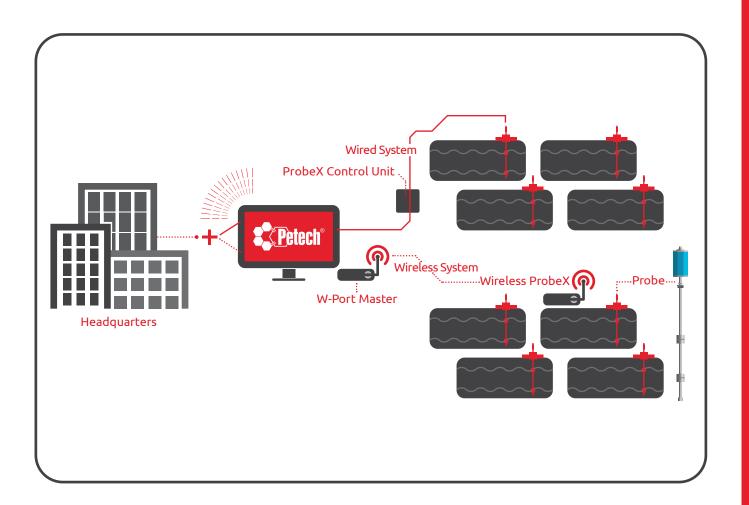
Automatic System Update
Automation software at the stations can be updated automatically by the Central Management System. The need for continuous improvement of both station automation systems and central systems according to customer and market demands is emerging.

The fact that the stations can be located in different locations and / or the number of centrally managed stations both extends the operation of the systems on site and increases the service costs.

Thanks to the ability of Asis automation systems to be updated automatically remotely, these operations can be carried out both costless and very quickly.

SYSTEM ARCHITECTURE

Wired System
ProbeX Control Unit
Wireless System
Wireless ProbeX
Probe
W-Port Master
Headquarters