

PRESENTATION OF THE PRODUCTS

Dear partners

Our company is glad to offer you the complex solution for the production, installation, construction, projection and automatic process of the traditional filling stations. Benza® is a production company which produces the range of the equipment under trademark Benza®. All products in this presentation is manufactured in our own plants by the qualified workers.

As a result of our work you will receive a modern filling station, meeting new requirements on the automation and save work. With the help of our products you can control:

- The amount of the fuel brought
- The temperature and density of the fuel
- The presence of the bottom water
- The fuel release

Fuel distribution is carried out in automatic mode without participation of the operator, and accordingly, the possibility of the theft eliminates. A report on the amount of the fuel is displayed in the program of the computer and all necessary information is transmitted over long distances.

Cooperating with us, you gain the reliable partner providing the fuel range of services:

- The turnkey products
- Personal program software according to your wishes
- All installation works



Director General
Kolesnikov Yuri Victorovich
Benza®

The engineering of the traditional filling stations

WE HAVE BEEN CHOSEN BECAUSE:

- **WE ENGINEER**
- **WE PRODUCE** the filling stations on a 'turn-key' basis
- **WE DO OUR WORK** with the help of the experienced workers
- **OUR STATIONS** are equipped with modern and qualitative equipment
- **WE MAKE** the outer cladding and branding of the filling station
- **WE USE** tanks of our own manufacturing
- **WE PROVIDE** technical support
- **WE MAKE** our work as soon as possible

Our company

Carries out the building and reconstruction of the traditional filling stations in Russia and the CIS

Finished objects of the traditional filling stations

Today the driver all over Russia use the results of our efforts!

- Sochi (2 filling stations)
- Voronezh (4 filling stations)
- Tambov (1 filling station)
- Saransk (12 filling stations)
- Saratov (5 filling stations)
- The republic of Chuvashia (3 filling stations)
- Kirov (1 filling station)
- Surgut (2 filling stations)
- Moscow (1 filling station)
- Astrakhan (2 filling stations)
- Ryazan (2 filling stations)
- Omsk (2 filling stations)
- Volgograd (1 filling station)
- Penza (24 filling stations)



Automatic mini filling stations

Mini filling station is a high-tech, modern, innovative product, which is manufactured for the customer service improvement, the fuel cost reduction and improvement of the ecological situation.

The major advantage of the automatic mini filling stations is minimal cost for the building and maintenance, minimum area and the autonomy.

The process of fueling is provided via self-service terminals. This process performs faster so the dispenser works more intensive.



Automatic mini filling stations fully meet all standards (Fire safety requirements 111-98; Staff Rules 156.13130.2014)

Our manufacture uses the modern high-efficiency equipment, the newest technologies and materials. All equipment is produced on our plant at Egorova street, 3, Penza, Russia. Our production facilities should enable turnkey production within 60 working days.

Container filling stations Benza®



EASE OF USE

- Putting into operation within a day
- Automatic fuel release with electronic keys according to limits
- All information and refueling is saved on the computer through GSM modem



PROFIT

- The buying fuel at a wholesale price and the creation at your own area the strategic fuel stock
- The price from the plant
- The volume of tanks from 1 m³ to 60 m³
- Each liter control



ENSURE

- On-time product delivery of the best quality equipment
- Perfect quality and backup maintenance services



RELIABILITY

- Our quality assurance is manufacturing since 1997, production of the stations since 2006



9 reasons why you need your own filling station



1 SAVING

You can buy the fuel at a wholesale price and reduce costs to 10 rubles from each liter depending on the region and the seasonality



2 RELIABILITY

Automatic filling station is guaranteed the accounting and each liter control 24 hours a day with a modern data collection system



3 EASE OF USE

The vehicle will be filled in your own territory without wasting time visiting the removed gas stations. Your filling station could be moved as necessary at a place convenient for you



4 GUARANTEE

You will always know about the quantity and the quality of the fuel supplied



5 SIMPLICITY

There are only minimum preoperational requirements of the ground for the filling



6 STABILITY

Regardless of your removal from the filling station you can always get information about amount of the issued fuel on your computer.



7 PROFITABILITY

The profitability of the equipment occurs in 7-36 months when it's put into the operation according to the type and volume of the tank



8 ENSURE

You don't need any permits and various documents



9 CONTROL

You will know exactly who, when, at what time, how much and in which car refuels the fuel

More than 950 filling stations has been already working in Russia and the CIS



Why the container filling station Benza®

- **DIRECTLY FROM THE MANUFACTURE**

Our plant Benza® has been working since 1997 and it is well known not only in Russia but in the CIS also

- **THERE ARE TWO AUTOMATED LINES FOR THE PRODUCTION**

Perfect quality and reputation

- **SPECIAL TECHNOLOGY** of the coating

- **CERTIFICATE TEAM**

makes the pre-commissioning in any region of Russia and the CIS

- **EACH PRODUCT** performs a full inspection in the quality room

- **ACCESSORIES** from famous European and Russian suppliers

- **PROVIDING A FULL PACKAGE** of documents

- **ALL THE PRODUCTS** are certified

- **WE HAVE OUR OWN** product development department center. We offer custom-made finished goods

- **THE WORKING TEMPERATURE** range is -50 °C +50 °C

- **FLAWLESS DESIGN** of the filling stations

- **FOR THE SMALL AND BIG VEHICLE FLEET**
Volume is from 1 m³ to 60 m³



The filling stations Benza® range

BM-model



With an opened site



With a closed technical compartment



With a closed technical compartment

Container filling station is a tank for storing, dispensing and issuing petroleum. The version is double-walled.

It can be used for inter farm and commercial accounting on the territory of the company or in settlements. Automatic dispensers can be offered according to the customers' wishes.

There are the following volumes from 3 m³ to 60 m³. There are different types of filling stations with the opened site or technical compartment. Further the pumps unit and automatization of the equipment can be installed.

The filling stations **Benza**[®] range

CN-model



The CN-model is mounted in the standard seacan (20ft/40ft). The system of the automatic ventilation is also mounted. The version of the tank is double-walled. The volume is from 5 m³ to 30 m³. The dispensers and their automatization is according to the customers' wishes. There is the model of this type on the runners which is especially for the northern regions.

The filling stations Benza® range

NR-model



With the closed technical compartment



With the open site



With the closed technical compartment

The NR-model is framed in the metal sheets with thickness 3 mm. The version is double-walled. The volume is from 10 m³ to 40 m³. The dispensers and their automatization is according to the customers' wishes.

PR-model



With the opened site



With the closed technical compartment and shutters



With the opened site

The PR-model is distinguished by the outside facing with the composite panels. The automatic ventilation is installed. This type is perfect variant for the commercial usage. The version of the tank is double-walled. The volume is from 5 m³ to 30 m³. The dispensers and their automatization is according to the customers wishes.

The fueling module **Benza®**

THE OPTIMAL SOLUTION

For the storage and issuance of the diesel, gasoline and oil on the territory of the farms.

The FM-model is a simple variant in the installation and has the low maintenance.

The version is double-walled. The volume is 1 m³ and 2 m³.



The portable filling station

The TD-model is for is for limited mobility!



ENSURE

Doesn't require authorizations



EASY OF USE

Easy and fast installation.

The volume is 9.5 m³, 20 m³ and 30 m³



PROFIT

Chipper than the filling stations. The affordable price from the plant ZAO 'Penzaspecavtomash'

In addition, we can install

- Petrol-diesel generator set
- Automatic dispenser

The TD-model is designed for the short-term transportation*, storage and light oil delivery to the customers.

* Only V 9.5 m³



The portable filling station TD-model



P.S. volume 4 m³



P.S. volume 9.5 m³



P.S. volume 20 m³



P.S. volume 30 m³

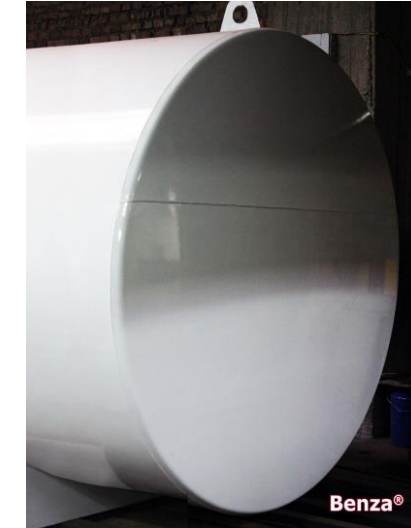
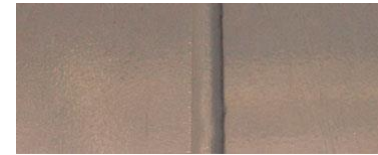
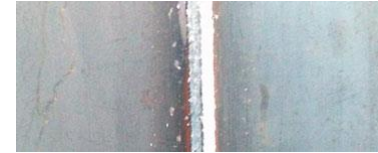


The TD-model is designed for the short-term transportation, storage and light oil delivery to the customers (only 9.5 m³).
The volume is 4 m³, 9.5 m³, 20 m³ and 30 m³.

12 V, 24 V, 220 V or 380 V power supply.

The advantages of container filling station Benza®

- The automatic welding is used at all stages of production of the tank. The weld is equal and of very high quality
- The bottoms are flanged and round. They are manufactured with the use of the automatic welding. Our Company uses the unique technology with the help of hydraulic unit , which presses the round (spherical) work piece. This method lets us make the containment test of the weld, that guarantees the quality of our tanks
- Multistage test before the sending to our customer
- Three-layer tank coating (paint primer, enamel, lacquer)
- Zinced parts (pieces) of the tank



- Two-component paint material made in the USA
- The service life is 25 years

The tanks

- **WE PROVIDE** above-ground and underground horizontal tanks for the petroleum products. Manufacture of goods is based on modern technologies
- **ELLIPTICAL** bottoms
- **100% AUTOMATIC WELDING** is used in all stages of the tank producing
- **THE ABOVE-GROUND** tanks cover with two-component enamel
- **THE UNDER-GROUND** tank is covered with the polymer seamless insulation
- **THE PRODUCT PASSES** multi-stage quality control and acceptance testing



The manufacturing

Benza® has the modern production facilities and the qualified staff for the producing of the large volume of our products, improving the quality.

All our tanks and constructions are manufactured on the unique equipment.

The management system of production and quality Toyota Protection System (TPS).

We are always glad to meet the customers on our plant in order to tell about all stages of our production or to make the online excursion on Benza®



We make your filling station intelligent

With the help of our controller Benza® you can consolidate a few filling stations into unified network.

The automated unmanned system of refueling by keys or smart cards permits to control the fuel.

Information about amount of the refueling can be got, in case the object is remote through GSM modem or RS-485 interface.

We make your filling station independent, equipping it with the automatic system of the issuance of the fuel by smart cards or keys. The cost is minimal and there is no change of your working equipment.

“We make your filling station independent, equipping it with the automatic system of the issuance of the fuel by smart card or keys. The cost is minimal and there is no change of your working equipment!”

Features of automatization



ENSURE

- Our system helps to ensure the control of every liter refueling and identifies authorized users.



SAVING

- No staff
- Automatic operation
- Storage of dispensing transactions
- All information about refueling is saved on computer



PROFIT

- There is the real possibility to automatize your filling station
- Ability to be used with all existing dispensers
- Every refueling is under control 24 hours a day



EASY OF USE

- Easy maintenance and easy of operation
- Reasonable price. The controller Benza BS is our own creation
- Connection with 220 V AC and 12/24 V DC dispensers
- Possibility of connection with cash register or fiscal printer
- PS3



7 reasons, why your filling station must be automatized



EASY OF USE

Operation without people. Drivers can refuel the vehicle by themselves with a help of smart cards or chip-keys on the set limits for specified driver or vehicle



STABILITY

Regardless of your removal from the filling station you can always get information about amount of the issued fuel on your computer



RELIABILITY

Information about refueling doesn't vanish, it is transmitted to the computer or saves in the controller's memory



CONTROL

You will have exactly who, when, at what time, how much and in which car refuels. All trucks can be linked in single network of control



EFFICIENCY

You don't depend on operation and can save your money on his pay



GUARANTEE

You will always know about the quantity and quality of fuel supplied



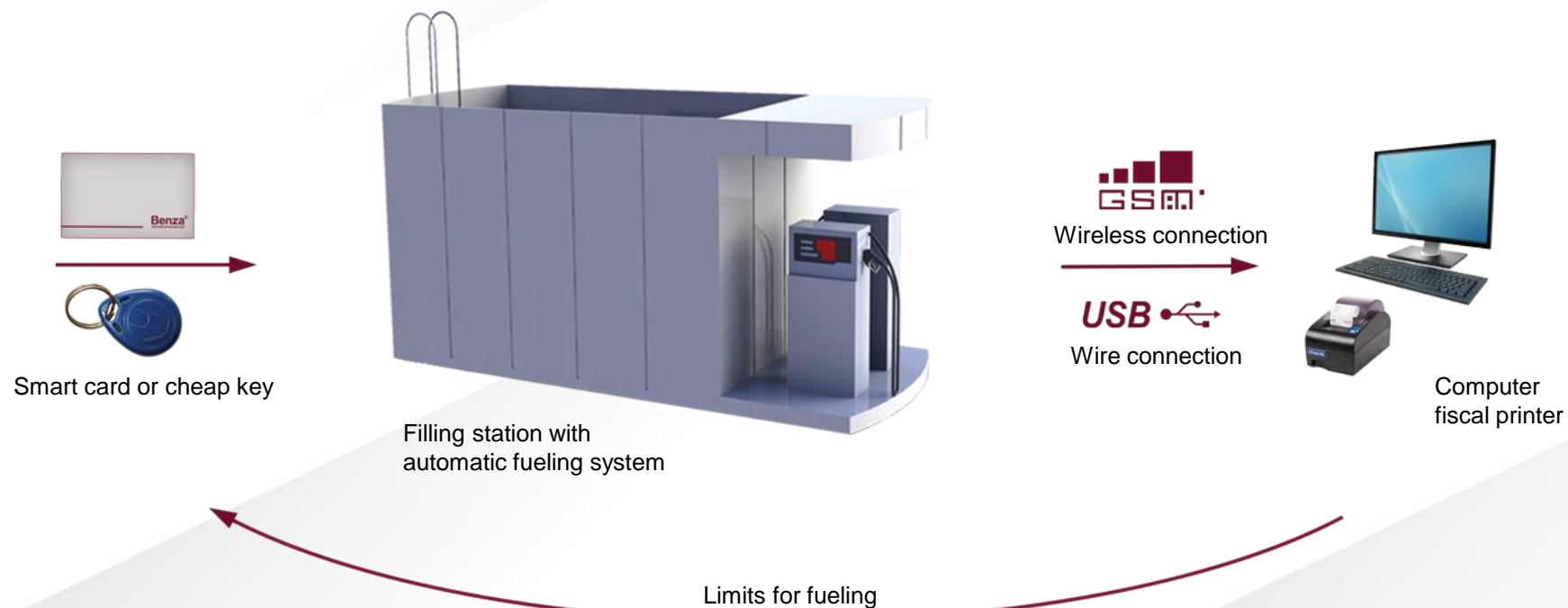
PROFITABILITY

Quick pay back

**Benza[®] succeMore
than 1080 filling
stations sucesfully
works
at the enterprises of
Russia and CIS!**



The scheme of the filling station automatization



The tanks truck automatization

The fuel truck with the automatic fueling system by the controller Benza BS is:

- **Modern and reliable way for the controlling of the truck's equipment**
- **Simple and multifunctional solution for different companies**

The automatic dispenser can be installed on tank trucks, trailer tank trucks, or trailer tank trucks.

It works from the trucks pump or from the third-party pump (220 V AC, 12/24 V DC).

Automatic dispenser with the controller Benza BS is our own development!

**A NEW ERA
OF THE FUEL
CONTROLLING HAD
BEGUN!**

The alternative of the old dispenser is appeared. It's our new automatic dispenser Benza



There are five reasons, why your fuel truck must be automatized



EFFICIENCY

Automatic fuel truck. Operators or drivers themselves refuel vehicles with the help of smart card or chip key within allowable limits for necessary driver or his vehicle (car).



STABILITY

Regardless of your removal from the filling station you can always get information about amount of the issued fuel on your computer.



RELIABILITY

All operations are fixed and saved on server that guarantees you accurate records 24 hours a day.



PROFITABILITY

The payback period of our equipment occurs in the shortest possible time.

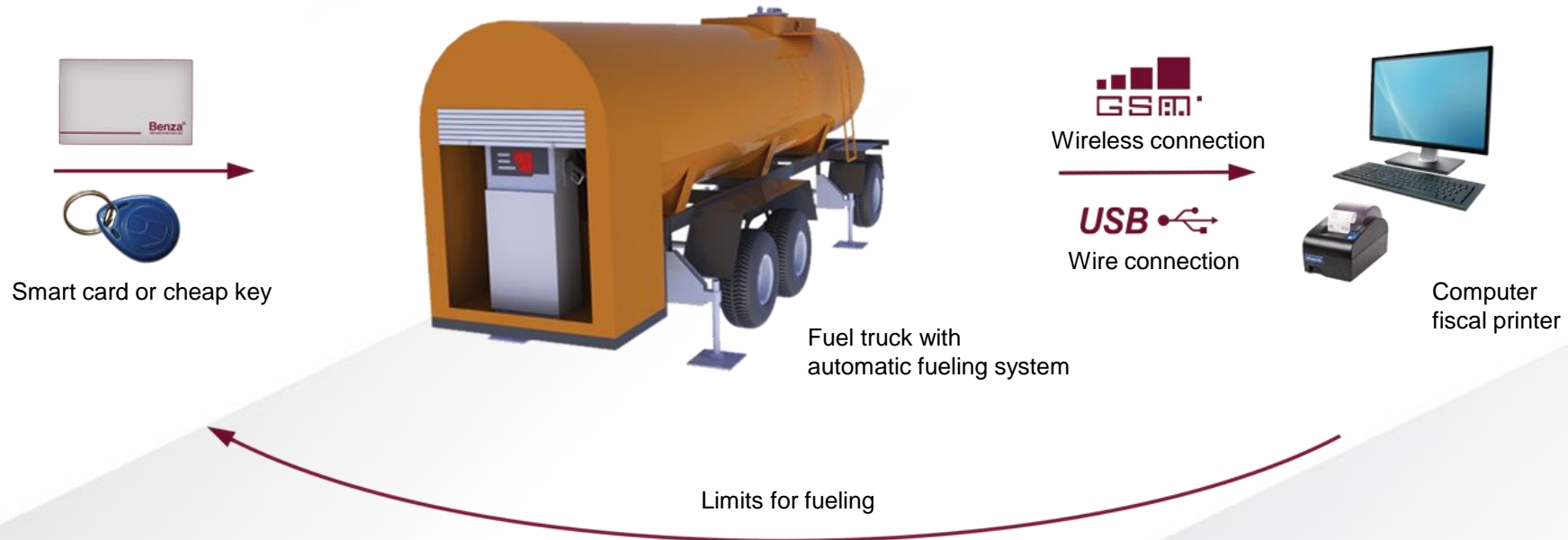


CONTROL

You will have exactly who, when, at what time, how much and in which car refuels. All trucks can be linked in single network of control.



The scheme of the tanks truck automatization



The principles of the controller's Benza BS work

1. The driver comes to the dispenser. Puts a smart card or key to the display of the controller. Then he inserts the nozzle into the fuel tank of the vehicle and puts the button “start” on the controller.
2. The driver can
 - issue all daily limits immediately
 - brake up into several refueling, but within the daily limit
 - issue the fuel to the fuel tank
3. After the refueling the driver should put the button “stop” on the controller, or can wait for between 5 and 30seconds and the dispenser switches itself and the statement of the issued fuel is sent to a PC where the Benza “Automatic filling station” software is installed.



THE CONTROLLER Benza BS

**Allows to automatize the
process of the fuel issuance
according the limits on the
smart cards keys**

The chief functions of the controller Benza BS

1. Fuel release to the customer (from 1 to 1000 users) with electronic keys according to limits or pin-code
2. Fixation of the car mileage at the moment of the fueling
3. Information about amount of the refueling can be got, in case the object is remote through
 - GSM modem
 - The RS485 interface to the central office no more than 1, 2 km
 - Bluetooth
 - Controller's connector
4. The programming of the limits to a day, a month, a quarter
5. Storing of data concerning the time of serving and amount of fuel released to the customer (100 000 transmissions)
6. Constant monitoring of petroleum level in the tanks with the help of level indicators (one controller – 4 indicators)
7. The challenge dose of fueling
8. The mounting of the fiscal printer or the cash register

Main features of Benza® Global Analytic System

Private office of Benza® Global Analytic System allows you to control filling station network with **Benza®** automatization from everywhere.

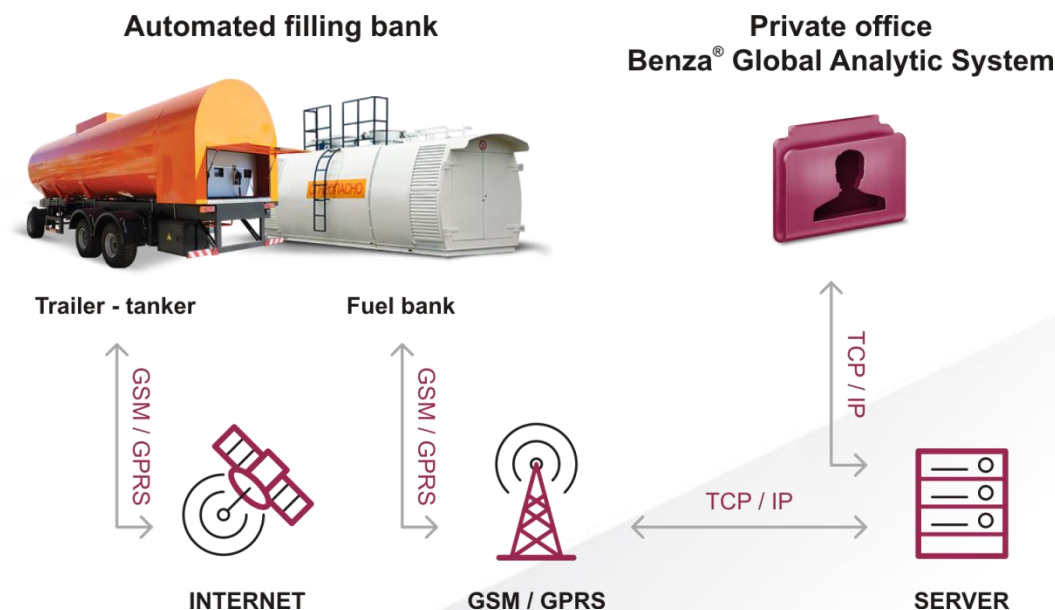
The interface adapts to screens with different resolutions and allows you to view information on a PC or on mobile devices (Smartphones and Tablets PC).

The program works with the possibility of transmission of information from devices through the digital mobile communication and the Internet wired and wireless connection.

Brief description of personal account:

The ability to view:

- Current position and location of tanks on the map
- Graphs of consumption of petroleum products for any period of time (year, quarter, month, day)
- Detailed condition of the tanks of automatic filling station
- Detailed information about the refilling and the flow of fuel
- Analytical summary table about users of the filling station.



Location of the fuel tanks on the map

There is a map with the location of your storage tanks or companies consuming your fuel in the Private office.




You can view information about the **current state of the tank** (tank number, information about the fill level and the volume of fuel in liters in each tank).



The state of the tank

The detailed condition of the tanks is at the bottom of the Private office, in the table with the description of the current filling of tanks.

The color of the indicator fill line on the map and in the information window changes depending on the condition of the tank, and also showing the fullness of the tank in **percent**.

	Green indicator means that it is enough fuel in the tank.
	Orange indicator means that tank needs fill.
	Red indicator means that it is critical fuel level and fuel will not be issued.

!!! You can set the fuel level in the tank by yourself.

Tank	Fuel	Fill	Volume , l	Tank' s volume , l
Tank 1	DT	<div><div>78%</div></div>	16 319,39	21 000,00
Tank 4	DT	<div><div>0%</div></div>	0,00	21 000,00
Tank AI 92	AI-80	<div><div>52%</div></div>	11 012,00	21 000,00
Tank AI 95	AI-95	<div><div>85%</div></div>	17 887,00	21 000,00

Consumption charts of fuel

Period charts of fuel in month.

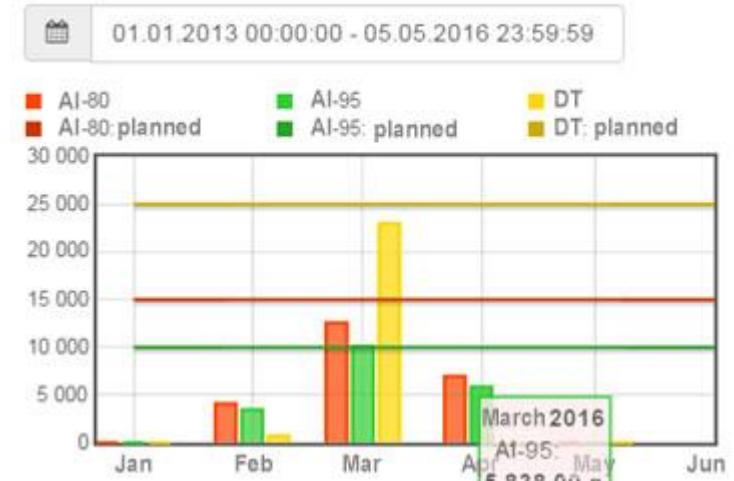
Benza® Global Analytical System generates a monthly report by the name of organization, name of user, by total consumption of different kinds of fuel and so on. Moreover you can set the period which includes the estimated months to display the graph by yourself:

- current month
- last 3 months; including the current one
- last year
- the whole period with all existent information.

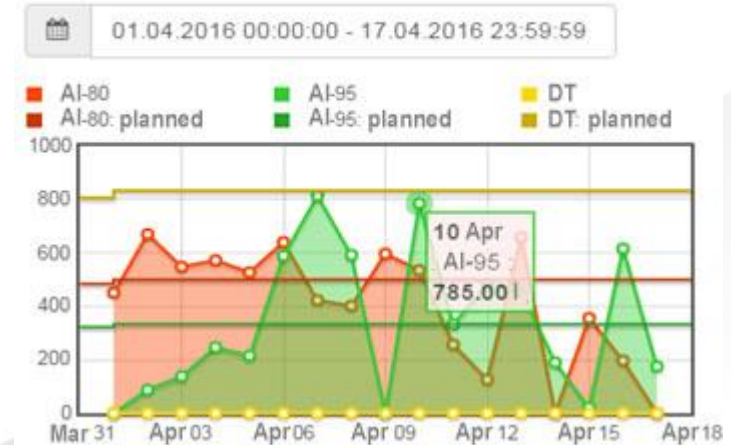
Daily consumption of fuel charts:

- This graph shows the total consumption of the organization on the day (the users) for different types of fuel, it can be formed according to various parameters, as well as chart the monthly consumption of fuel.
- Line graph is drawn for each type of fuel.

Monthly consumption of fuel



Daily consumption of fuel



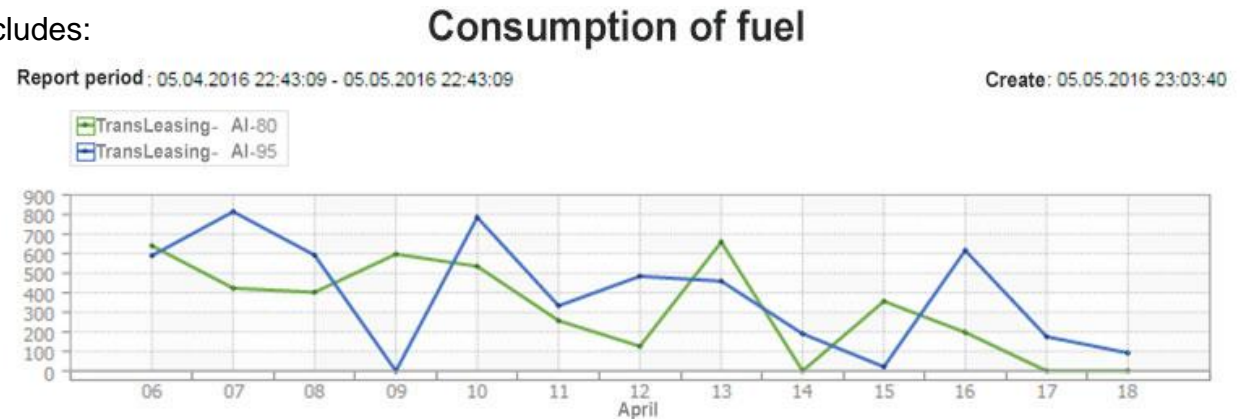
Report consumption of fuel.

Benza® Global Analytic System provides an opportunity to run a report on fuel consumption to make a report.

A detailed report of the users or vehicles, contains the summed values over the specified period of time.

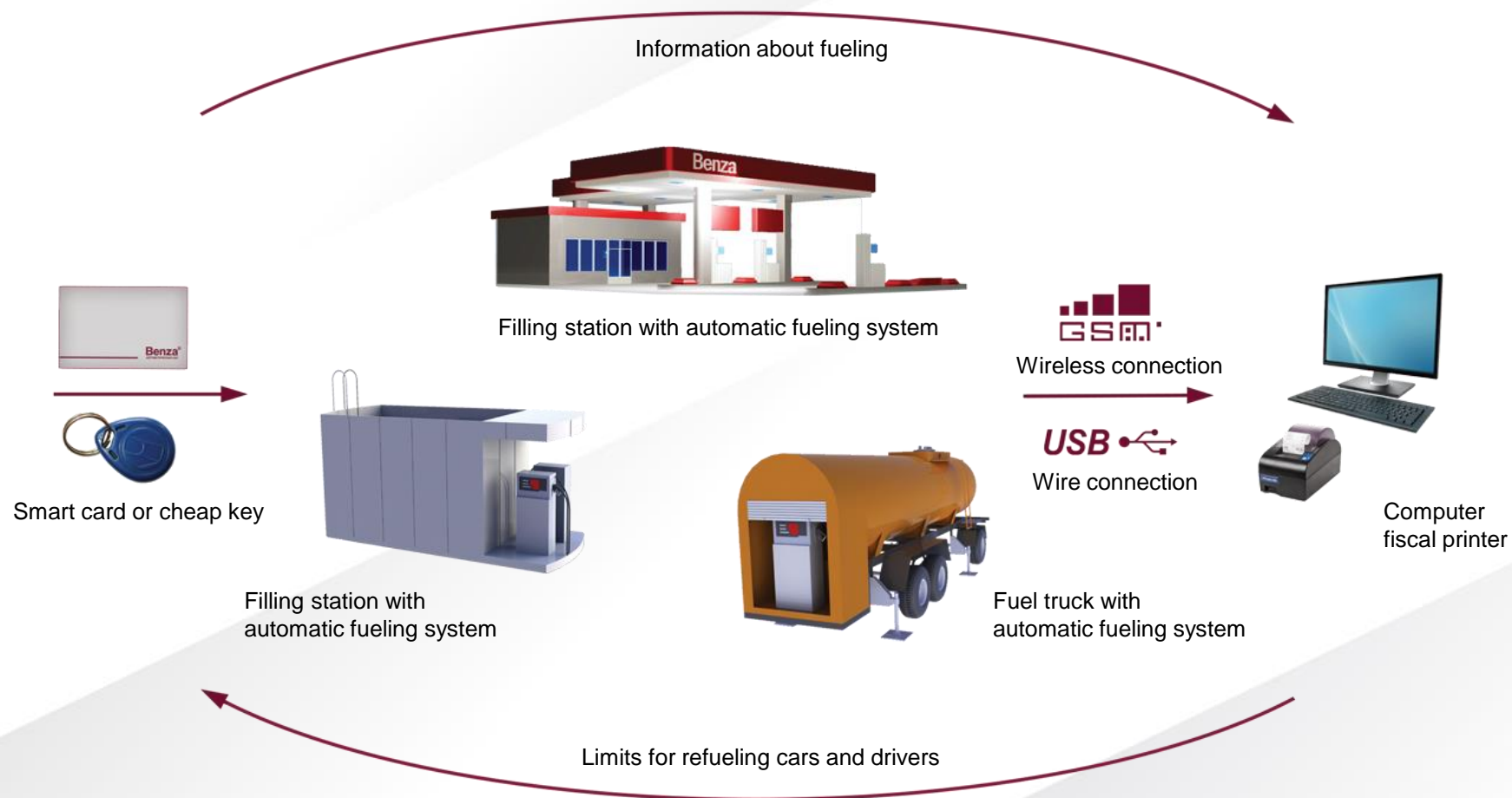
It is a summary graph for each fuel and tabular data that includes:

- Date
- Type of fuel
- User name
- The number of the vehicle
- Liters



The final report may be converted to a convenient format for future use, processing and export in 1C program.

A single network of accounting and control



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