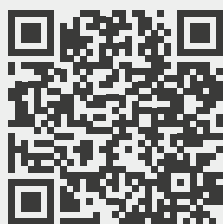GESPASA
FLUID TECHNOLOGY

EQUIPMENT WITH DIESELPLUS

FMS · GK-7Plus CONTROLLER + SUPPLY EQUIPMENT WITH DIESELPLUS CLOUD

- ✓ Supply control
- ✓ User and vehicle control
- ✓ With automatic and wireless communication to DieselPlus Cloud Software

Gespasa equipment and Software

The GESPASA FMS GK-7Plus · GK-7PlusM controllers and the GESPASA supply kits, managed by the «on demand» Software, DieselPlus, allow to manage your installation in an effective way.

Totally online, in a centralised way, with less risks, safer and more support.

DIESELPLUS⁺

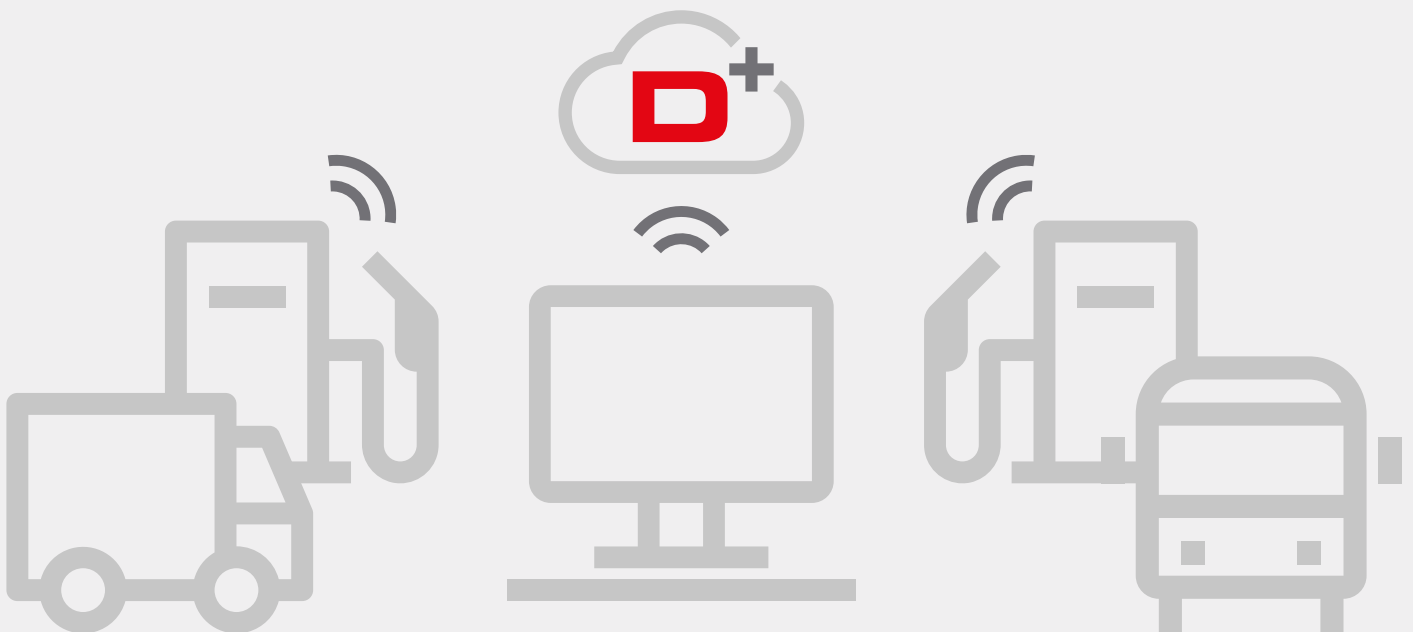DieselPlus is a last generation web platform.

Designed exclusively for own consumption.

DieselPlus has all the required tools to manage your business integrated and totally adapted to your company in real time.

1 Safe supply   **2** Centralised management   **3** Total control
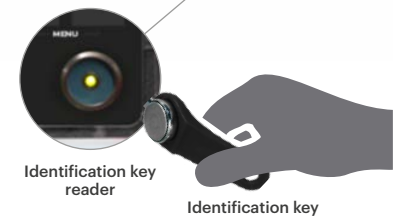
GK-7Plus · GK-7PlusM · Controller

Application

- The GK-7Plus and GK-7PlusM controllers have a internal GPRS modem with antenna and do not require any type of additional communication kit.

- The GK-7PlusM controller has the capacity of controlling up to 16 dispenser simultaneously.

- Identification of users and/or vehicles through codes and/or identification key

- Supply with or withour volume preset

- Only compatible with the DieselPlus software to consult the data through the Internet

- Wireless communication to PC · M2M · «on demand» control and management software

- The equipment communicates each supply directly to the Internet.

Technical data

Power	110 or 230 VAC 50 Hz or 12/24 VDC Built-in supply system filter
Frontal	LCD alphanumeric display of 4 lines and 20 characters
ID system	iButton key reader

Identification key reader

Identification key

Other ID systems:

Magnetic o proximity cards

TAG fijo en el vehículo para lector TAG

Use

The equipment allows to define different scenes to be adjusted to your requirements:

- **User identification**. It only identifies the users. It is specially useful for cooperatives that only want to identify the person who is supplying.

- **Vehicle identification**. It only identifies the vehicle. It is specially useful for installations where you only want to identify and control the vehicles and their consumption, without the need to identify the users.

- **Identification of Users and Vehicles**. It is the most complete system and it offers a high level of safety. It is specially useful for installations with a big number of users and/or vehicles, or when the users usually change their vehicles.

Gespasa FLUID TECHNOLOGY

GK-7Plus · GK-7PlusM · Controller

3 available models

	Código
① GK-7Plus + METAL BOX*	25336-CF00000
② GK-7Plus + METAL CABINET*	25133-CF00000
③ GK-7Plus + TOTEM*	25139-CF00000

It is required to acquire a DieselPlus licence (page 11).

THE KIT ALLOWS TO CONTROL:

- ⊘ Date and hour of the supply
- ⊘ Users
- ⊘ Vehicles
- ⊘ Stock of volume in the tank
- ⊘ Milleage (or hours) and consumpton
- ⊘ Supplied amount by users and/or vehicles

IT ALLOWS FROM THE PC:

- ⊘ Input and delete users and/or vehicles
- ⊘ Assign or change codes or identification keys of the users and/or vehicles
- ⊘ Calibrate the controller
- ⊘ Consult and regularise the stock of the tank
- ⊘ Access control of the information through permissions for different profiles of users
- ⊘ Possibility of exporting the managed information to *.csv or *.txt format for its exportation to other systems of data base or programs.

① METAL BOX

kg 4,15

300x160x260 mm

② METAL CABINET

kg 17

395x400x340 mm

③ TOTEM

kg 35

335x220x1,510 mm

GK-7Plus · GK-7PlusM · Controller

GK-7PlusM MULTIHOSE CONTROLLER

It offers the same features and optionals as the other one controller but with the capacity of controlling up to 16 pumps or dispensers simultaneously.

	Code
① GK-7PlusM + METAL BOX*	25337-CF00000
② GK-7PlusM + METAL CABINET*	25280-CF00000
③ GK-7PlusM + TOTEM*	25283-CF00000

** It is required to acquire a DieselPlus licence (page 11).*

GK-7Plus · GK-7PlusM OPTIONAL

Hexagonal pedestal base (1-m height)	800400013
PC memory key converter	251208003
Folding protection sunshield	FE016001
Thermal ticket printer interna (for metal cabinet and TOTEM models)	FE006002
700 VA / 560 W ONLINE UPS	805001002

Optional:
Folding protection sunshield

Optional:
Hexagonal pedestal base
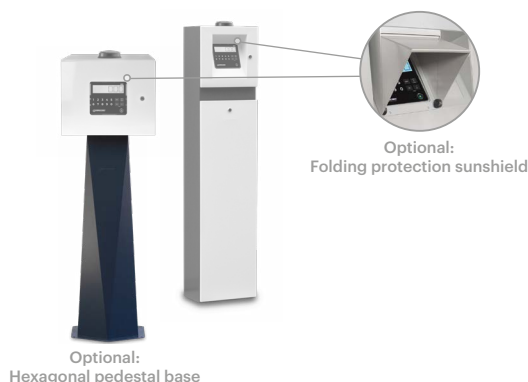
GK-7PlusM OPTIONAL

Hose connection module* **it is required to install a hose module for each dispenser to control.*	252504000
GK-7 output signal adapter (5-24 VDC)	251208079
Hose module with GE display	253400200

GK-7PlusM optional:
Hose connection module
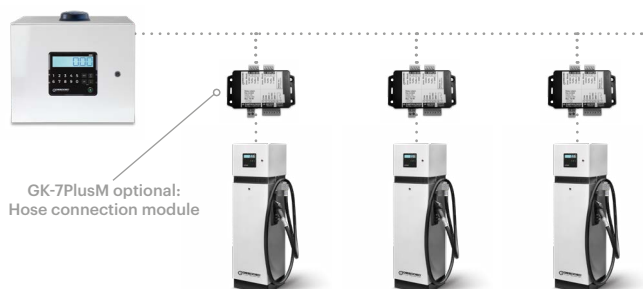
MEMORY AND ID SYSTEMS

By default all the GK-7Plus controllers includes: 60-user/vehicle memory and identification key reader (iButton).

Options of user/vehicle memory

Memory of 60 users/vehicles · 200 services	Included
Memory of 130 users/vehicles · 500 services* **communication by key max. 100 users/vehicles · 200 services*	FE007002
Memory of 1,000 users/vehicles · 1,000 services	FE007003

iButton ID system

Identification key reader (iButton)	Included
GK-7 identification key (pack of 10 units)	251201002

Other ID systems

Proximity card reader (RFID)	FE017002
Magnetic card reader	FE017003
TAG reader with spiral cable	FE017004
TAG wireless reader	FE017005
Proximity card	803304015
Magnetic card	251201004
TAG fixed disc identifier	251201006
TAG keyring identifier	251201005

* These options of memory and ID systems are also available for the COMPACT Plus, TOTEM Plus & SH Plus equipment.

GK-7PlusM optional:
Hose module with GE display

GESPASA
FLUID TECHNOLOGY

Supply kits with GK-7Plus

COMPACT Plus

Compact supply kits suitable for the supply, measurement and control of diesel for own consumption vehicles.

	Flow (l/min)	Pump	Automatic nozzle	Code
COMPACT 50Plus 12-60u	40-50	IRON-50 12 VDC	PA-60	28583-CF00000
COMPACT 50Plus 230-60u	40-50	IRON-50 230 VAC	PA-60	28541-CF00000
COMPACT 75Plus 230-60u	65-70	IRON-75 230 VAC	PA-80	28641-CF00000
COMPACT 90Plus 12-60u	70-80	AG-90 12 VDC	PA-80	28592-CF00000
COMPACT 100Plus 230-60u	75-85	AG-100 230 VAC	PA-120	28651-CF00000

COMPOSED OF

Chassis
Made of steel
QUALICOAT CLASS 1 powder coating finishing
Special treatment against corrosion
Weatherproof

Pump (*refer to above model box)
Self-suction, eccentric with self-adjusting blades

Pulser
MGI-110 · 90º Hall Effect · Accuracy: ±0.5%

Memory and ID systems of the GK-7Plus controller
• By default includes: 60-user/vehicle memory and identification key reader (iButton).
*More options of memory and ID systems referred in the above page 5.

Hose and nozzle
4 m antistatic delivery diesel double layer hose with adapters in both ends
Automatic nozzle

OPTIONAL

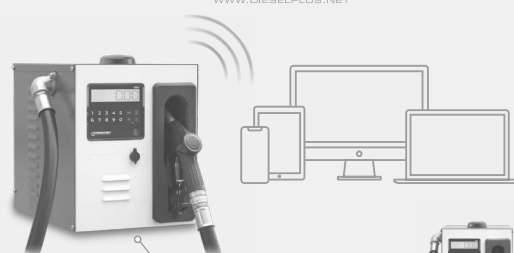|	
Hexagonal pedestal base (COMPACT) · 1-m height	800400015
F1" aluminium flange kit	800003029
4 m Ø19 mm antistatic petrol hose with adapters in both ends	803406101
Folding protection sunshield	FE016001
FG-100BIO · Diesel microfilter of 25 µm (micron)	39024

40-85 L/MIN
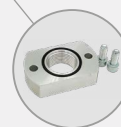
±0.5%

kg 22.5-39.5

405x460x415 mm

Optional: FG-100BIO microfilter

Optional: F1" aluminium flange kit

Optional: Hexagonal pedestal base

Supply kits with GK-7Plus

TOTEM Plus

Supply kits with the same features as the COMPACT supply kits, but assembled in a column chassis, ready to be directly fixed to the ground.

	Flow (l/min)	Pump	Automatic nozzle	Code
TOTEM 50Plus 230-60u	40-50	IRON-50 230 VAC	PA-60	27212-CF00000
TOTEM 75Plus 230-60u	65-70	IRON-75 230 VAC	PA-80	27341-CF00000
TOTEM 100Plus 230-60u	75-90	AG-100 230 VAC	PA-120	27351-CF00000

40-90 L/MIN

±0.5 %

kg 50-57

460x400x1,510 mm

COMPOSED OF

Chassis
Column for its direct fixation to the ground without bases or additional accessories
Sides in stainless steel
Doors made of aluminium and the remainder frame made of steel
Special treatment to protect against corrosion and QUALICOAT CLASS 1 powder coating finishing
Weatherproof
1 **Pump** *(*refer to above model box)*
Autoaspirante, excéntrica de paletas autoajustables
2 **Pulser**
MGI-110 · 90º Hall Effect · Accuracy: ±0.5%
Memory and ID systems of the GK-7Plus controller
• By default includes: 60-user/vehicle memory and identification key reader (iButton).
*More options of memory and ID systems referred in the above page 5.
Hose and nozzle
4 m antistatic delivery diesel double layer hose with adapters in both ends
Automatic nozzle

OPTIONAL

FG-100 microfilter kit (TOTEM 50/75/100 inside)	27231
Folding protection sunshield	FE016001

Optional: Folding protection sunshield

Optional: FG-100 microfilter kit

Gespasa FLUID TECHNOLOGY

Supply kits with GK-7Plus

SH Plus

80/110
L/MIN

±0.2 %

SH Plus SIMPLE: 110
SH Plus DOBLE: 146

800x400x1,510 mm

Supply kits with ATEX components, especially for installations of diesel, petrol and kerosene supply.

They are composed of one or two high accuracy hydraulic groups and the GK-7Plus own consumption controller.

	Flow (l/min)	Pump	Users/ Vehicles	Services in memory	1 Hose	2 Hoses
SH-80Plus-130u	80	1 kW Triphase	130	500	42090-CF00000	42110-CF00000
SH-80Plus-1000u	80	1 kW Triphase	1000	1000	42090-CF00001	42110-CF00001
SH-80Plus-130u	80	1 kW Single-phase	130	500	42030-CF00000	42050-CF00000
SH-80Plus-1000u	80	1 kW Single-phase	1,000	1,000	42030-CF00001	42050-CF00001
SH-110Plus-130u	110	1.5 kW Triphase	130	500	42130-CF00000	42150-CF00000
SH-110Plus-1000u	110	1.5 kW Triphase	1,000	1,000	42130-CF00001	42150-CF00001
SH-80/110Plus-130u	80/110	1.5 kW Triphase	130	500	-	42180-CF00000
SH-80/110Plus-1000u	80/110	1.5 kW Triphase	1,000	1,000	-	42180-CF00001

Supply kits with GK-7Plus

SH Plus

COMPOSED OF

Chassis
Sides in stainless steel
Doors made of aluminium and the remainder frame made of steel
Special treatment to protect against corrosion and QUALICOAT CLASS 1 powder coating finishing
Weatherproof

1 or 2 Hydraulic groups

1 Pump

- Self-suction, eccentric with self-adjusting blades with gas separator
- Flow of 80 or 110 l/min
- Recirculation bypass valve
- Filter

2 Meter

- made of aluminium of 4 pistons with positive displacement
- Accuracy: ±0.2 %
- Pulser of 2 channels of 100 pulses per litre
- Mechanical totalisator

3 EExd meter with ATEX certificate and IP-55 protection

- Triphase 80 l/min: 1 kW 230/400 VAC
- Single-phase 80 l/min: 1 kW 230 VAC
- Triphase 110 l/min: 1.5 kW 230/400 VAC

Memory and ID systems of the GK-7Plus controller

- By default includes: 130-user/vehicle memory and identification key reader (iButton).

  More options of memory and ID systems referred in the above page 5.

Hose and nozzle
4 m hose + automatic nozzle

OPTIONAL

Flexible suction tube with 2" flange	807610002
4 m Ø19 mm antistatic unleaded petrol hose with adapters in both ends	803406101
PA-80 · Automatic unleaded petrol nozzle	47254
FG-150 · 5 µm (micron) · water-repellent filtering paper Microfilter	66050
FG-300/15 · Water absorbent microfilter with aluminium housing · F2" 15 µm (micron)	66192
802 "Breakaway" fireproof valve · BSP ¾" x BSP ¾" · 0-60 l/min	805604016
804 "Breakaway" fireproof valve · BSP 1" x BSP 1" · 0-120 l/min	805604015
Gas recovery kit for petrol · Phase II	268300000
High anchorage base	268904021
Thermal ticket printer	FE006002

Optional: FG-300/15 2" microfilter

Optional: FG-150 microfilter

Optional: 'Breakaway' fireproof valve

Gespasa FLUID TECHNOLOGY

DieselPlus Software

Cloud software for the management of supplies, users, vehicles and levels of your tanks

CONTROL AND ACCESS

Control the level of your tanks and the supplies made on your dispensers from anywhere, anytime.

Access the software from any device with Internet connection or from the App DieselPlus.

CONFIGURATION AND INSTALLATION

Assign the safety limits to your users and/or vehicles.

Configure your level alarms, irregular supply alarms, and program the maintenance of your fleet.

Plug & Play. Wireless installation, without software

DATA COLLECTION AND LISTS

Automatically receive the lists you are interested on your email.

Have your data safe without worrying.

Integrate all the data with your own software, ERP or accounting system.

Automatically import and/or export the data.

DIESELPLUS

The new generation of On-Demand software (SaaS) for the fleet and supply management

It is not necessary any software installation because it is an online service. The application can be used from any device connected to the Internet any time.

The main function is to manage vehicle supplies like lorries, coaches, taxis, vehicle fleets and so on, being able to be applied to other type of applications like the supply of water, chemical products or other type of fluids.

The control tools such as the supply list by vehicles or users allow to know the exact costs of each unit and even if there is any irregular consumption.

DieselPlus also gives different tools to manage the stocks, the suppliers, the vehicles and their maintenance, the users, ...
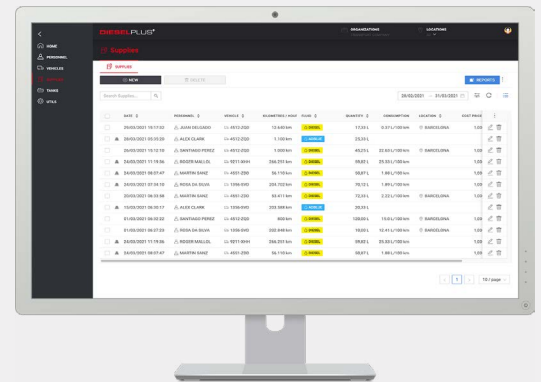
DIESELPLUS**⁺**

🔄 AUTOMATIC UPDATE

📞 ONLINE ASSITANCE

💧 SUPPLY LIST

📊 LEVEL READING

🔔 ALARM CONFIGURATION

📈 HISTORY

📑 DATA EXPORT
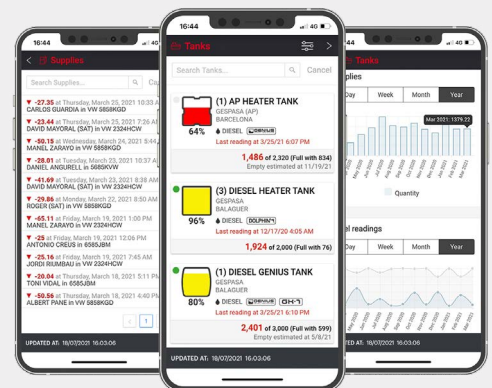
DieselPlus Software

ANNUAL DIESELPLUS LICENCES

	Validity	Max. users	Code
60-user ANNUAL DieselPlus LICENCE	1 year	60 users	670500000
130-user ANNUAL DieselPlus LICENCE	1 year	130 users	670500100
1,000-user ANNUAL DieselPlus LICENCE	1 year	1,000 users	670500200

5-YEAR DIESELPLUS LICENCES

	Validity	Max. users	Code
60-user 5-YEAR DieselPlus LICENCE	5 years	60 users	670500300
130-user 5-YEAR DieselPlus LICENCE	5 years	130 users	670500400
1,000-user 5-YEAR DieselPlus LICENCE	5 years	1,000 users	670500500

GESPASA
FLUID TECHNOLOGY
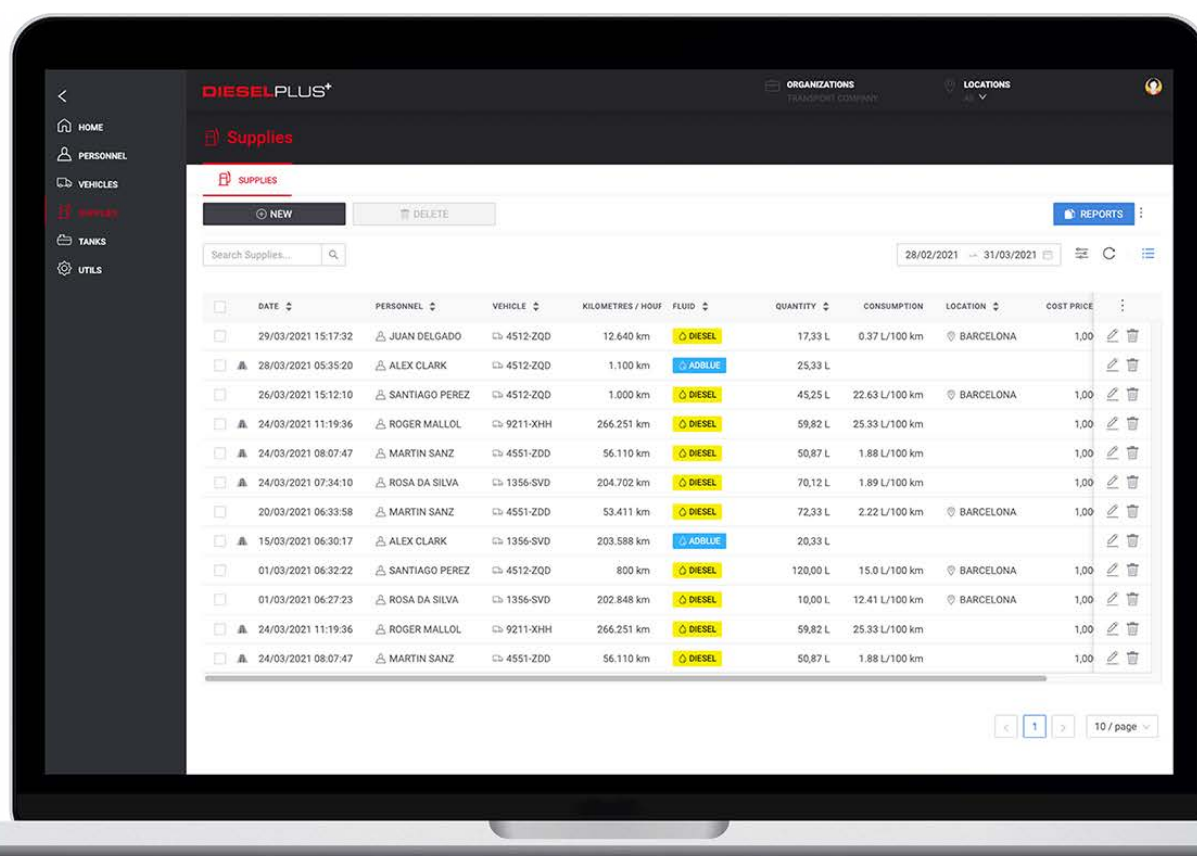
DieselPlus Software

Main functionalities

AUTOMATIC AND WIRELESS COMMUNICATION

The dispensers with GK-7Plus controller are automatically communicated M2M with the DieselPlus servers. This communication is automatic without any user operation.

MULTIUSER - USER PROFILES

The software can be used by different users at the same time.

Each user will be able to access only to the areas that have been previously assigned to them.

For example, there may be a user who makes the user and vehicle control, and another one who controls the fuel purchases and stock.

For the shared service management (like stock control ...), it can be established a hierarchical level of operators with different privileges and restricted accesses (Administrator, Supervisor, final user, ...).

MULTISTATION

One or more users can control different dispensers, which could be placed in different geographical zones and share or not users and vehicles.

MULTIACCESS/MULTIINSTALLATION

All the users who have user name and password can access the DieselPlus software from any computer connected to the Internet at any time.

It is allowed to manage the information of many installations from the same operator.

SAFE DATA

Any data is automatically communicated with the DIESELPLUS server. This minimizes the risk of data loss in the event of controller/dispenser breakdown or in the event of problems with the computing equipment of the end user.

REPORT ISSUE

Lists and statistics for an easy interpretation of the information regarding to the alarms, levels, history and so on.

AUTOMATIC UPDATING

The user will always have the last updated program version automatically without making any type of intervention.
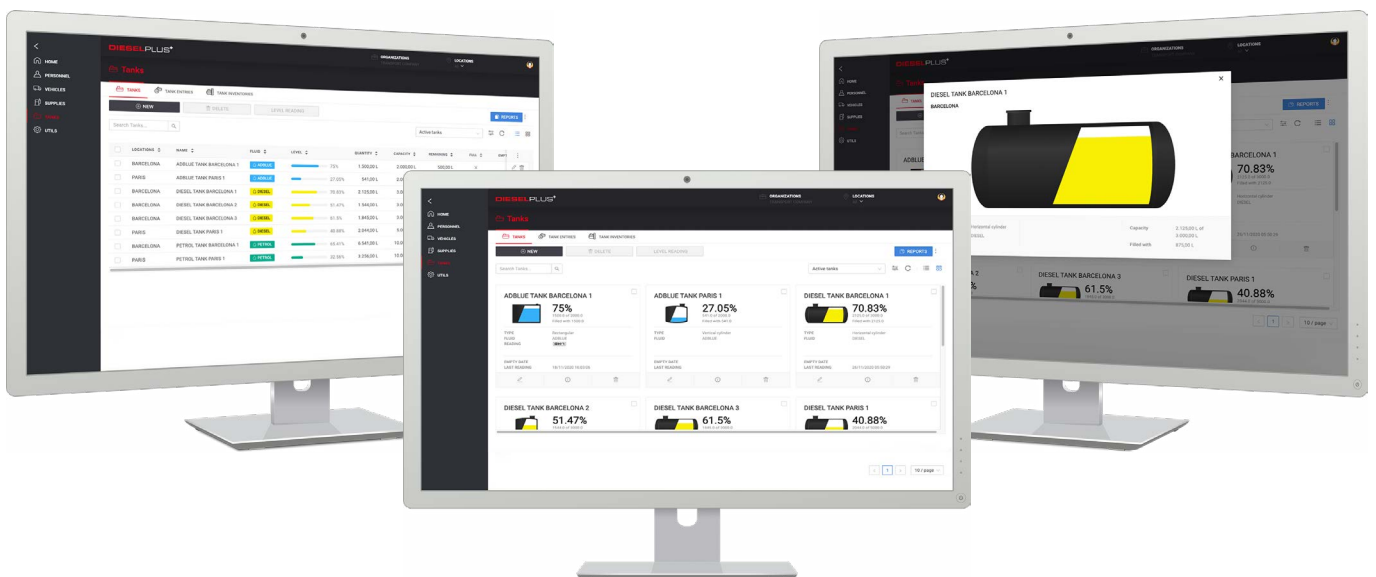
DieselPlus Software

Main functionalities

ADDITIONAL FIELDS

Configure the questions you want the dispenser makes to the users: Plate number? Working order? Delivery note number? DieselPlus will create the additional fields in the database.

ALARMS AND TASKS

DieselPlus tells you what to do.

Program your tasks and notifications in DieselPlus.

You will find an extended task management in DieselPlus. You can plan everything you need to do so that DieselPlus warns you by email and do not stop doing anything. DieselPlus allows you to program different type of tasks such as:

Tasks and notifications by date

Tasks and notifications by kilometres (or hours)

Tasks and notifications of irregular filling and/or emptying of tanks

Configure your level alams so you do not run out of fuel.

Alarms of irregular consumption or fraudulent use of the installation so that the system sends you an email when there is any indication of an incidence.

COMPATIBLE KITS

CONTROL OF DISPENSERS

The DieselPlus software is compatible with the GESPASA GK-7Plus controllers that can connect to any pump or dispenser.

TANK LEVELS

It is possible to connect to DieselPlus the DOLPHIN level gauge or other compatible gauges compatible with the TANK MODEM PLUS KIT: GENIUS, Progauge, Veeder-Root, ATG, PETROLEVEL, TLC.

TANK MODEM PLUS

GPRS COMMUNICATION KIT

Communication kit to connect any gauge compatible with DieselPlus.

The tank data like levels and alarms can be consulted from any device connected to the Internet.

DieselPlus Software

Automatically synchronise the DieselPlus information with your own software applications

DieselPlus API gives access to information securely from DieselPlus for you in order to develop the integration with your software applications.

The DieselPlus API allows you to list, modify, add or delete information saved in DieselPlus.

Manage your fleet and personnel of your organisation from your own software applications and automatically synchronise through the DieselPlus API.

Automatically get the supplies made, the volume of tanks and their historical levels and save them in your application without any manual export.

DieselPlus API is a REST web service architecture, based on HTTP queries with JSON parameters and answers.
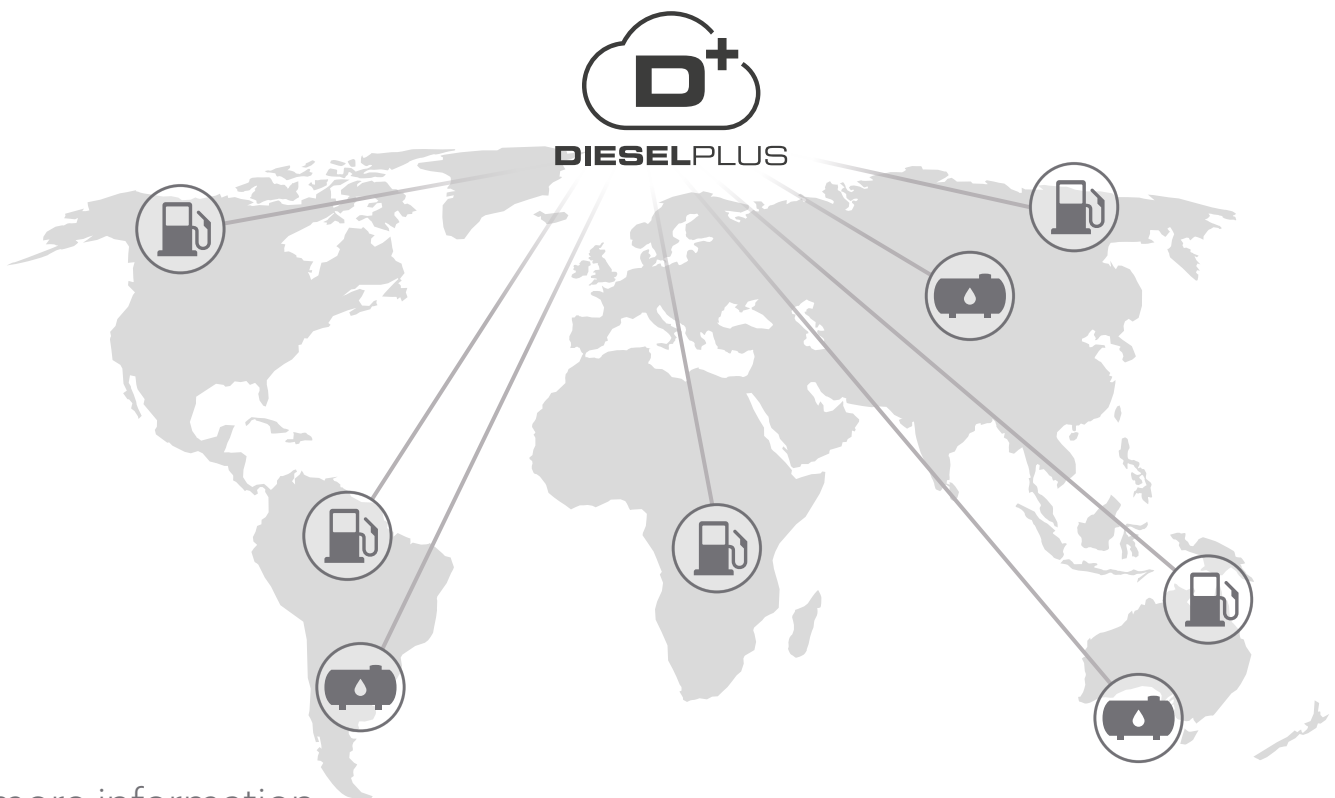

D⁺DIESELPLUS

D⁺API

YOUR ERP

SAP · Microsoft Dynamics 365 · ORACLE

D⁺DIESELPLUS

more information:

www.dieselplus.net

EQUIPMENT WITH DIESELPLUS

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By ENAC accredited Co,