

**PIUSI**



 **B.SMART**

**SIMPLE, INTUITIVE,  
SMART FUEL MANAGEMENT SYSTEM**



# BE SMART AND ENTER THE NEW ERA OF FUEL MANAGEMENT!

## PIUSI B.SMART:

the name carries its meaning!  
An **intuitive** and simple  
**Fuel Management System** -  
composed by hardware and  
software (APP for drivers and  
a web APP on Cloud for fleet  
managers) driven by **Bluetooth**  
technology - to easily monitor  
and manage any fleet; from the  
smallest to the biggest.

**Are you ready  
for the future?**



# PIUSI B.SMART:

# MONITOR & MANAGE YOUR REFUELINGS



**1**

**MANAGE THE SITE**

Set, activate and monitor your site.

**2**

**CHECK REFUELING**

Check all fuel transactions at a glance.

**3**

**REAL TIME**

Receive all information from the site immediately\*



\* Real time only in areas where Wi-Fi or mobile network is available. Otherwise, data will be synchronized once network is accessible.



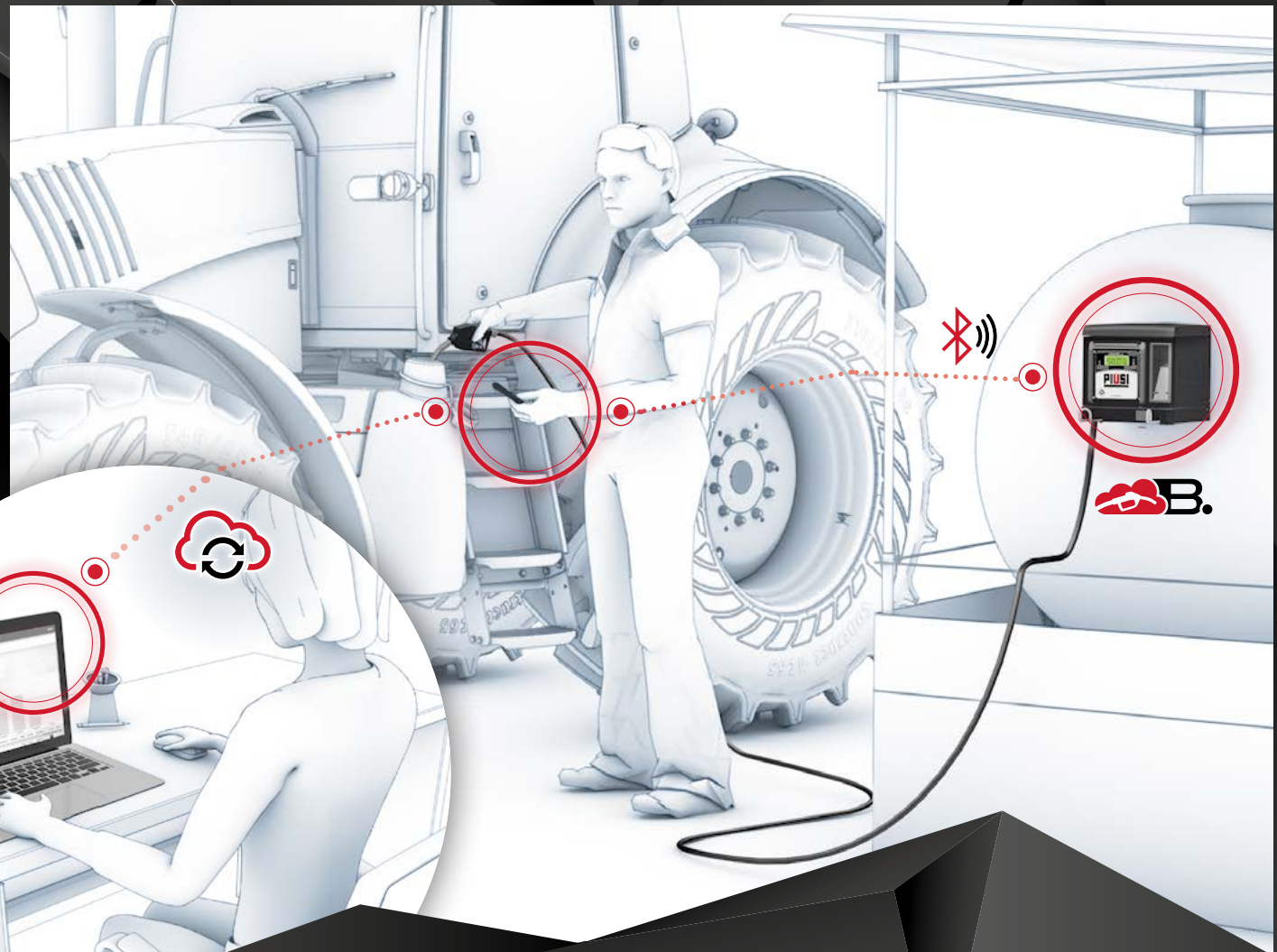
# ONE SOFTWARE, MANY DISPENSERS: SUITABLE FOR ANY FLEET SIZE

piusi.com

## → EXAMPLE A Single-site installation with one dispenser

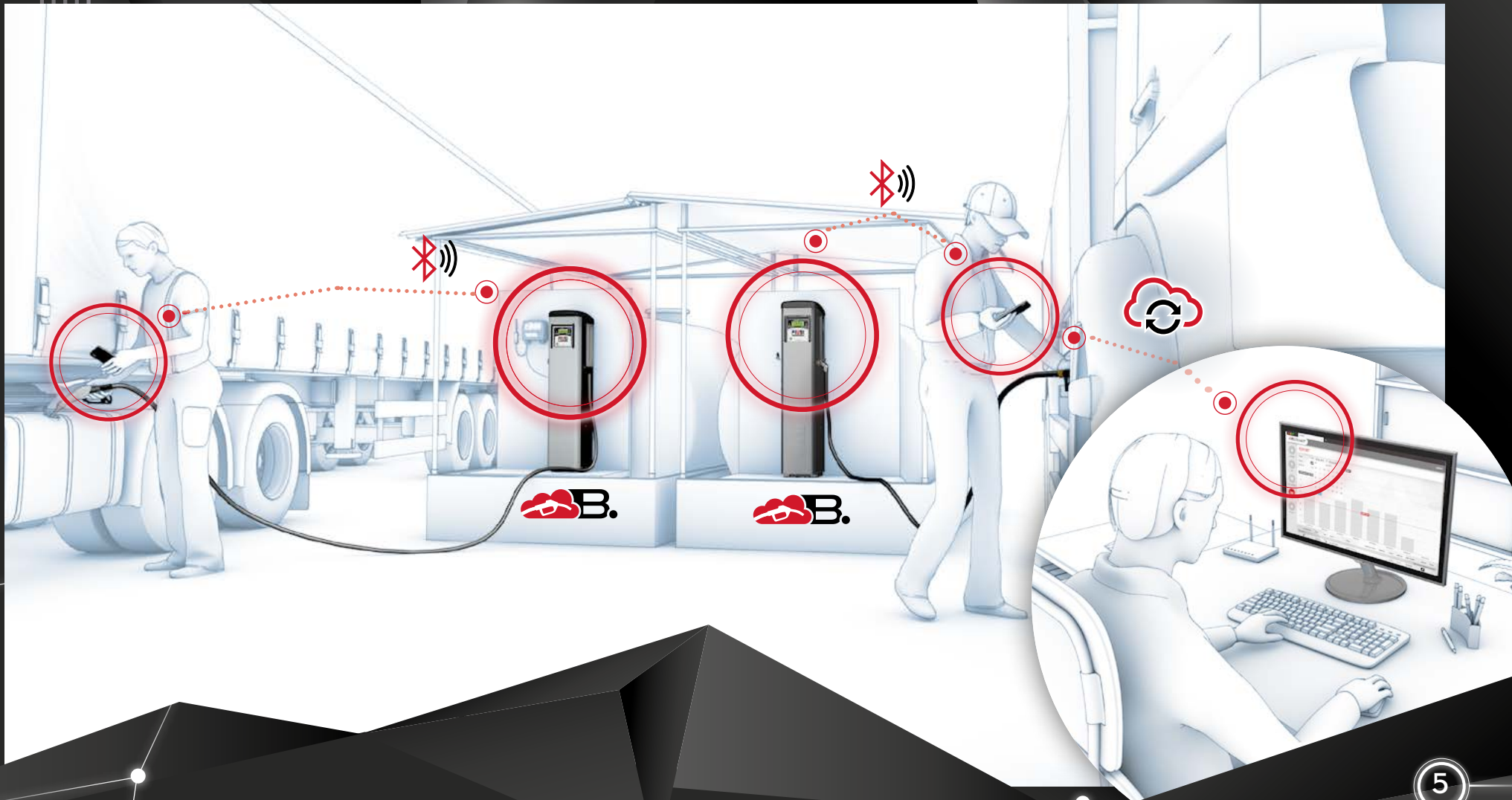
PIUSI B.SMART is a unique **expandable** system: fleet managers just have to focus on the dispensers needed for the site; the software is **always included “in the box”** and is **suitable for any fleet size**: from the smallest to the biggest, single and multi-site.

As the PIUSI B.SMART software is **Cloud based**, it doesn't require any installation on a local PC to allow fleet managers to **check the site from anywhere** and monitor fuel transactions.





→ **EXAMPLE B** Multi-site installation with several dispensers



# YOUR FUEL MANAGEMENT SYSTEM

piusi.com



**WEB APP**  
B.SMART

↘ pages 11-13

↘ page 16

**CUBE AC/DC**  
B.SMART



⦿ Upgrade your MC version to B.SMART with the KIT UPGRADE (page 25)

↘ page 17

**SELF SERVICE**  
AdBlue® B.SMART



⦿ Upgrade your MC version to B.SMART with the KIT UPGRADE (page 25)

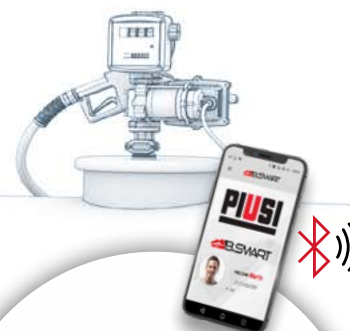
# B.SMART full range: a wide array of dispensers with integrated software, Cloud based.



🔴 Upgrade your MC version to B.SMART with the KIT UPGRADE (page 25)

**SELF SERVICE**  
B.SMART

📄 page 17



🔴 Double Pump version



**MCBOX AC/DC**  
B.SMART

📄 page 17



**APP**  
B.SMART

📄 pages 8-10



# PIUSI B.SMART AS SIMPLE AS A CLICK

piusi.com

FILL IN THE INFORMATION

The APP for drivers just needs a smart device with Bluetooth to work properly: **once the APP is open, the smart device immediately connects to the dispenser to start the refueling operation.**

## DISPENSER

Choose the dispenser

## VEHICLE

Choose the vehicle or insert the registration number

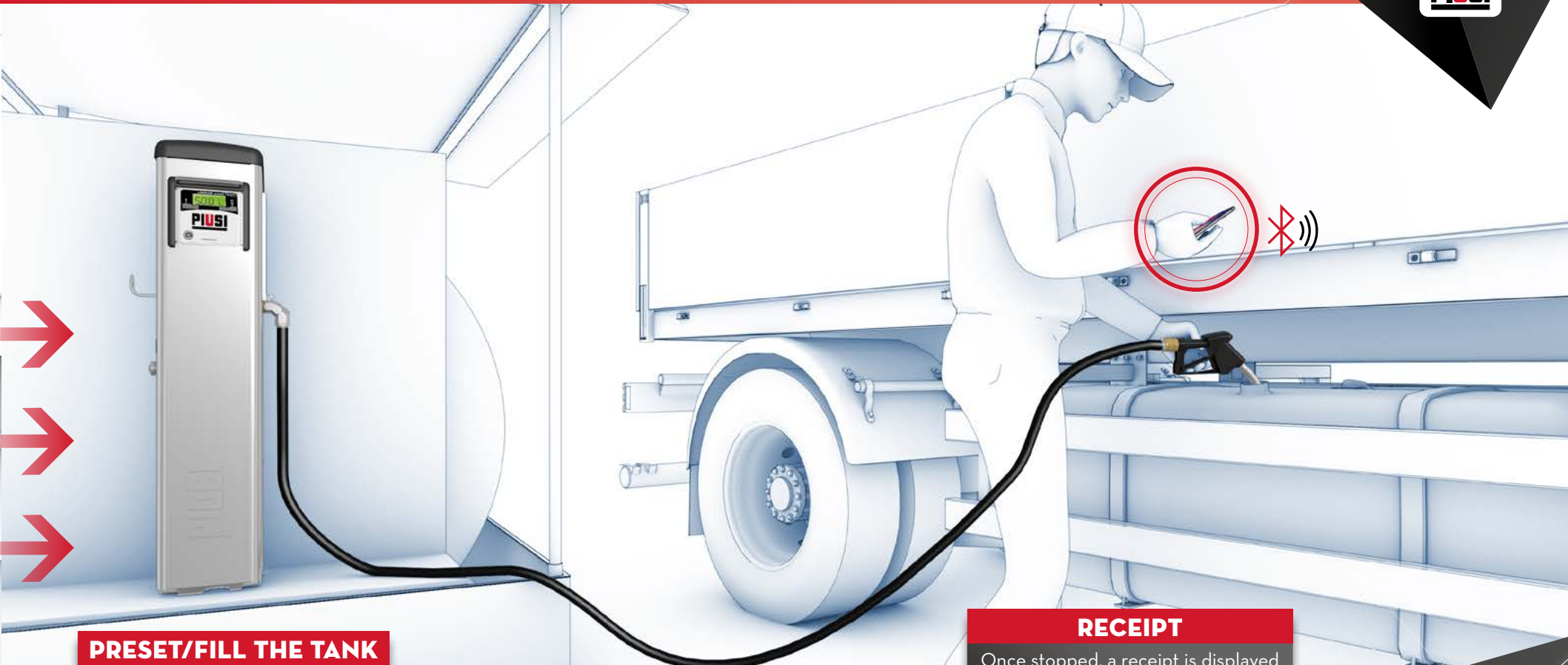
## ODOMETER

Insert the mileage

1

2

3



## PRESET/FILL THE TANK

Choose the preset option or fill the tank according to your need

## TOTAL

Check the ongoing transaction on your device or on the dispenser's display

## RECEIPT

Once stopped, a receipt is displayed on the smart device (and in real time\* on the manager's Web APP)

4

5

6

\* Real time only in areas where Wi-Fi or mobile network is available. Otherwise, data will be synchronized once network is accessible.

# PIUSI B.SMART: ADVANTAGES FOR DRIVERS

piusi.com

PIUSI B.SMART is expressly developed to **support and simplify all refueling operations** both on the drivers' and on the manager's side:

- It requires only a **smart device** to work; **driver key is not mandatory**
- It works with all **iOS** and **Android** mobile devices
- The B.SMART APP is available both on **APPLESTORE** or **PLAYSTORE** simple to find and free to download
- As the APP is connected via **Bluetooth**, it works even if no network is available\*
- If needed, the system can also work with the **optional driver key**

Available on:



\* Transactions will be transferred once the network is available again.



# PIUSI B.SMART:

## ADVANTAGES FOR MANAGERS



PIUSI B.SMART is a Fuel Management System, with the advantage of using **Cloud technology** for the software and the network (Wi-Fi, LAN or mobile) to control and manage the fleet:

- **No software installation** required (Cloud based)
- The **same software** fits any fleet
- Quick and easy to use, allowing you to save time and money
- **Expandable** and suitable for any fleet size
- **Real time** feedbacks from the site\*

### API

Connect your ERP to B.SMART with the integrated API interface.

\*Real time only in areas where Wi-Fi or mobile network is available. Otherwise, data will be synchronized once network is accessible.

# MANAGE THE SITE:

piusi.com

# SET, ACTIVATE AND MONITOR YOUR SITE

## CONFIGURE

Create your site, set up dispensers and enable drivers.



## MANAGE

Add or delete sites, dispensers and users.



PIUSI B.SMART allows to enter all the parameters useful to **manage the site properly**: locations, the name of the fuel dispensers, drivers, categories and vehicles:

- **Easy installation** procedure
- **Unique code** to identify each site
- **Detailed icons** help to easily identify dispensers for a complete overview of installed devices
- **Avatar** of all drivers

## CHECK

All the information always under control.

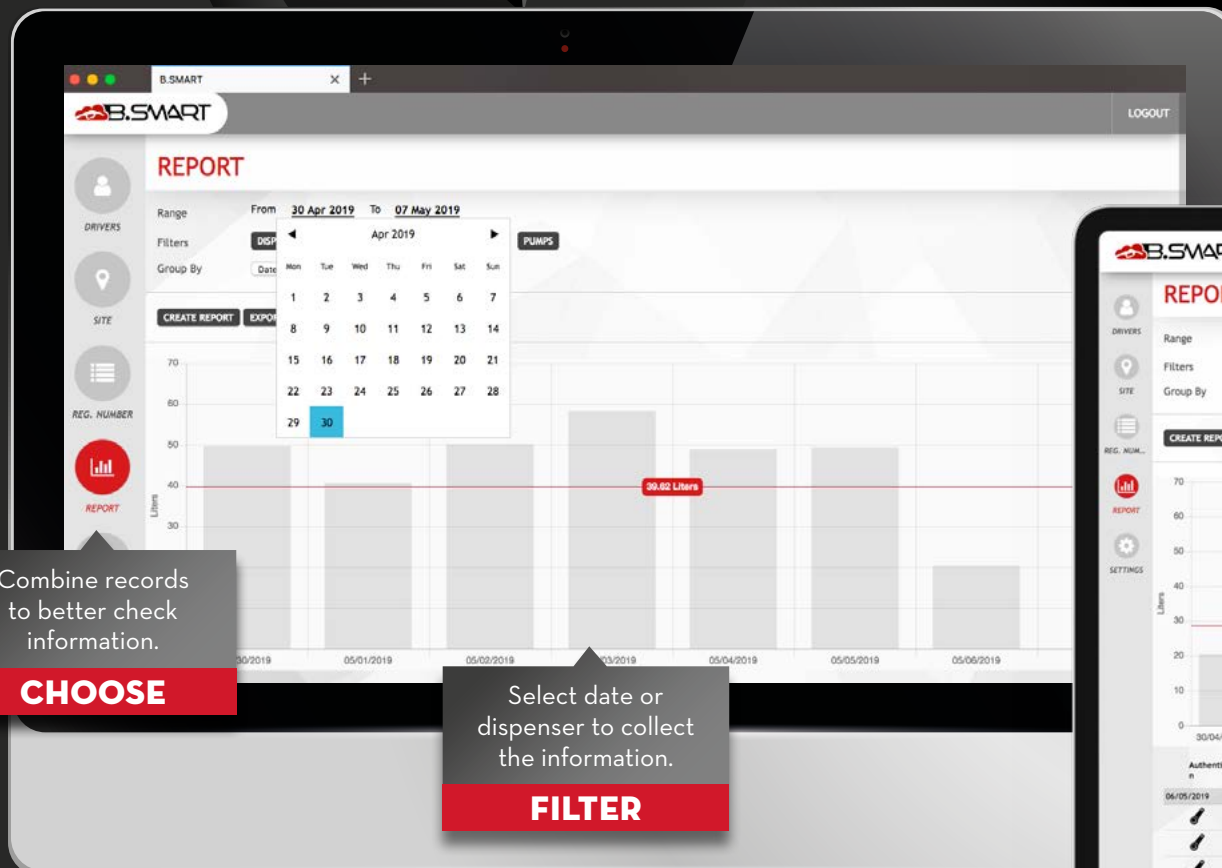
# CHECK REFUELINGS:

# ALL TRANSACTIONS AT A GLANCE



PIUSI B.SMART allows to **keep track of all the transactions** and refueling operations made. A user-friendly interface helps to **gather** and **filter** information to get a real control at a glance:

- **Check** and **control** transactions
- **Receive** and download the related receipts
- **Export** data to .pdf or .xlsx

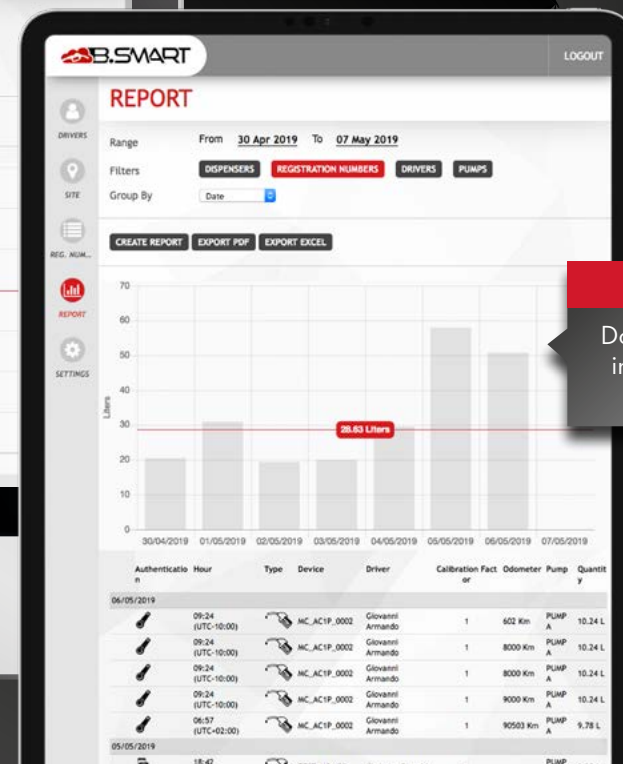


Combine records to better check information.

**CHOOSE**

Select date or dispenser to collect the information.

**FILTER**



**EXPORT**

Download all data in the preferred file format.



# REAL TIME:

# IMMEDIATELY RECEIVE ALL FEEDBACKS FROM THE SITE

➔ One of the main features of PIUSI B.SMART is the **real time function** that allows to keep track of all the transactions immediately\*:

## UPDATE

Update information and data in real time\*.

## CONTROL

Control and collect all the information in every condition\*.



**MANAGER**  
Web APP  
B.SMART



**DRIVER**  
Mobile APP  
B.SMART

Receive a receipt of the transaction once completed\*.

## RECEIVE

\* Real time only in areas where WI-FI or mobile network is available. Otherwise, data will be synchronized once network is accessible.

# PIUSI B.SMART:

## ALL-IN-ONE FMS FOR ALL APPLICATIONS



Unlimited number,  
to suit any fleet size.

**DISPENSERS**



It works via Bluetooth;  
no LAN or Wi-Fi  
network required.

**BLUETOOTH**

 **B.SMART**



One size to fit all needs.  
The same software for any fleet size.

**ONE SIZE**



+



**HARDWARE + SOFTWARE**

*Software always included in  
any dispenser chosen!*

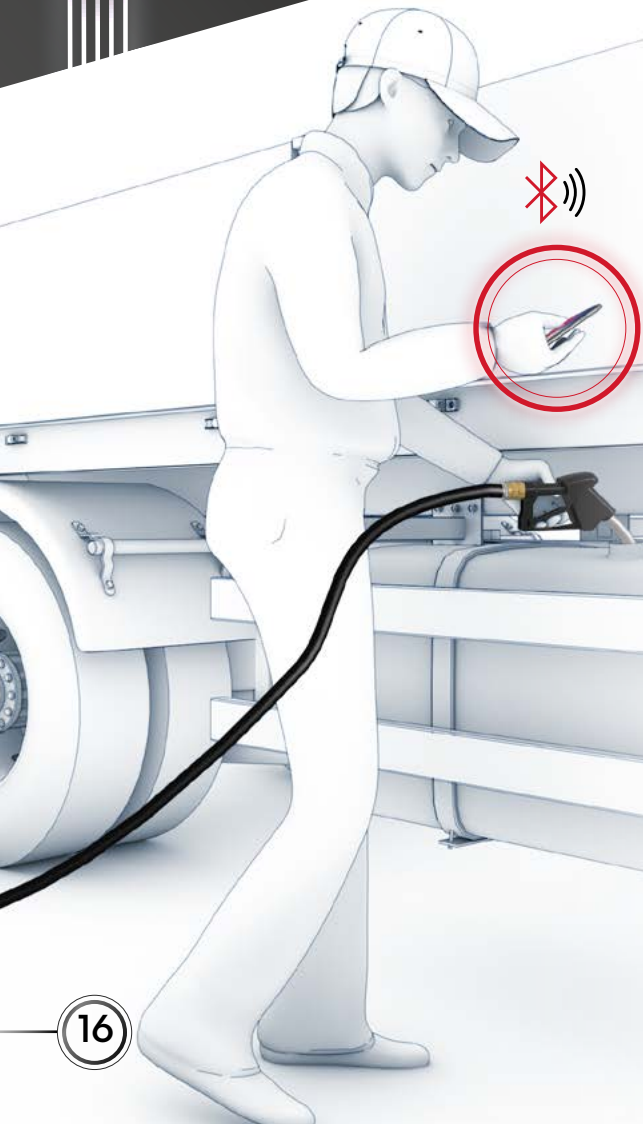


No rental  
or recurring fee

**NO FEE**

# HARDWARE DEVICES FOR PIUSI B.SMART

piusi.com



➔ PIUSI B.SMART runs only with the **dedicated range of dispensing devices:**

- The **highest technical performances and reliability**, all from one supplier
- **Real time communication** between the dispenser and the PC
- **Made in Italy**; quality guaranteed by PIUSI

Enter the era of the SMART Fuel Management System **simply upgrading your MC hardware with the dedicated KIT UPGRADE** and change the way you manage your fleet.

## CUBE B.SMART

Cube B.SMART is the **upgraded version** of the most famous PIUSI Cube dispenser.



### MAIN FEATURES:

- Flow-rate up to 90 l/min
- Accuracy: +/- 0.5 %
- Noise level < 75 dB

AC/DC version

KIT UPGRADE  
CUBE MC  
available



## SELF SERVICE B.SMART

A complete device  
*suitable to fit all diesel*  
dispensing needs.



### MAIN FEATURES:

- Flow-rate up to 90 l/min
- Accuracy: +/- 0.5 %
- Noise level < 75 dB
- PIUSI WATER CAPTOR filter included
- Integrated nozzle contact

**KIT UPGRADE**  
SELF SERVICE MC  
available

## SELF SERVICE AdBlue® B.SMART

Dispenser  
specifically engineered  
*for AdBlue®.*



### MAIN FEATURES:

- Flow-rate up to 32 l/min
- Accuracy: +/- 1 %
- Noise level < 75 dB
- Built-in PIUSI 3D AdBlue® filter
- SB325\_X automatic nozzle

**KIT UPGRADE**  
SELF SERVICE MC  
AdBlue® available

## MCBOX B.SMART

**MC B.SMART control panel**  
to be used with the existing  
equipment.



### IT CAN CONTROL ANY:

- Pump
- Pulse meter
- Nozzle contact

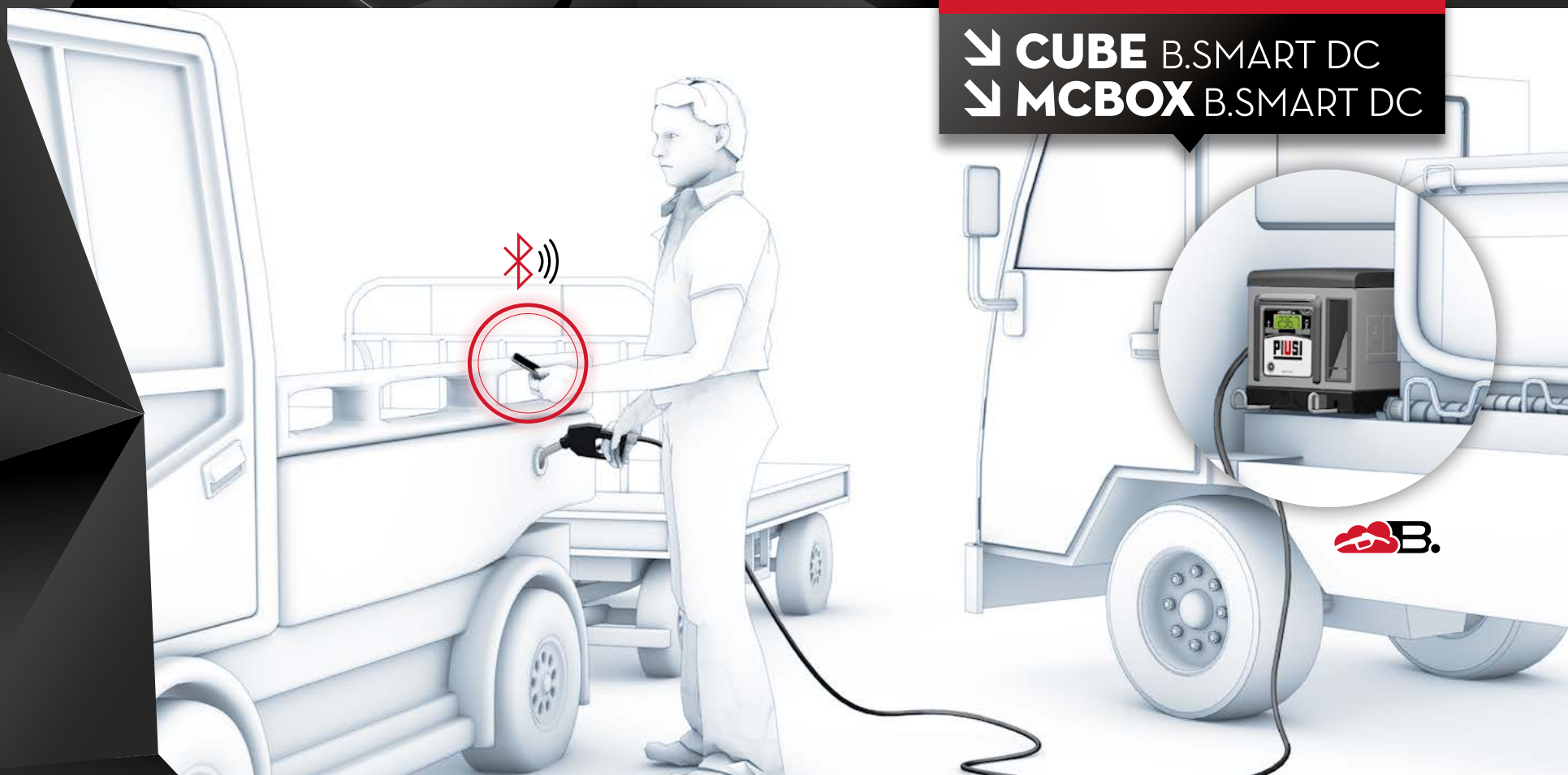
**Up to 2 PUMPS**

**AC/DC version**

# APPLICATIONS

## FOR THE B.SMART RANGE

↘ **CUBE** B.SMART DC  
↘ **MCBOX** B.SMART DC



➔ The **CUBE B.SMART DC** and **MCBOX B.SMART DC** versions allow to install the dispenser everywhere.

The B.SMART range **is flexible and simply adapts to all applications:** DC or AC versions as well as new upgrades to meet the most demanding requirements. One of a kind, a system which **represents a turning point in the FMS sector;** all from one supplier.

↘ **MCBOX**  
B.SMART  
DOUBLE PUMP



→ Now, the **MCBOX B.SMART** can control up to **2 pumps** with the same top-quality performance.



# B.SMART ADDITIONAL FEATURES

## TANK WATCHDOG ADD-ON

B.SMART Tank Watchdog is the perfect add-on for a **complete and updated control of the stock**. It allows you to:



### ➔ 1 TANK WATCHDOG TANK LEVELS

Adding the level indicator OCIO, the system allows you to monitor the fluid level in **your tanks in real time** and **gives alarms in case of malfunction** or low levels. A perfect add-on for a complete and updated control of the stock. You can connect also any 420 mA or 0-10 V fluid gauge or run the system without any gauge **thanks to the "virtual tank" option**:

- **Set level alarms** and get notifications on the tank level
- **Possibility to configure** high level or low level alarms
- **Stop the pump** according to the level of the fluid
- **Send an automatic e-mail to notify** when you reach the level alarm set

# B.SMART ADDITIONAL FEATURES

## TANK WATCHDOG ADD-ON

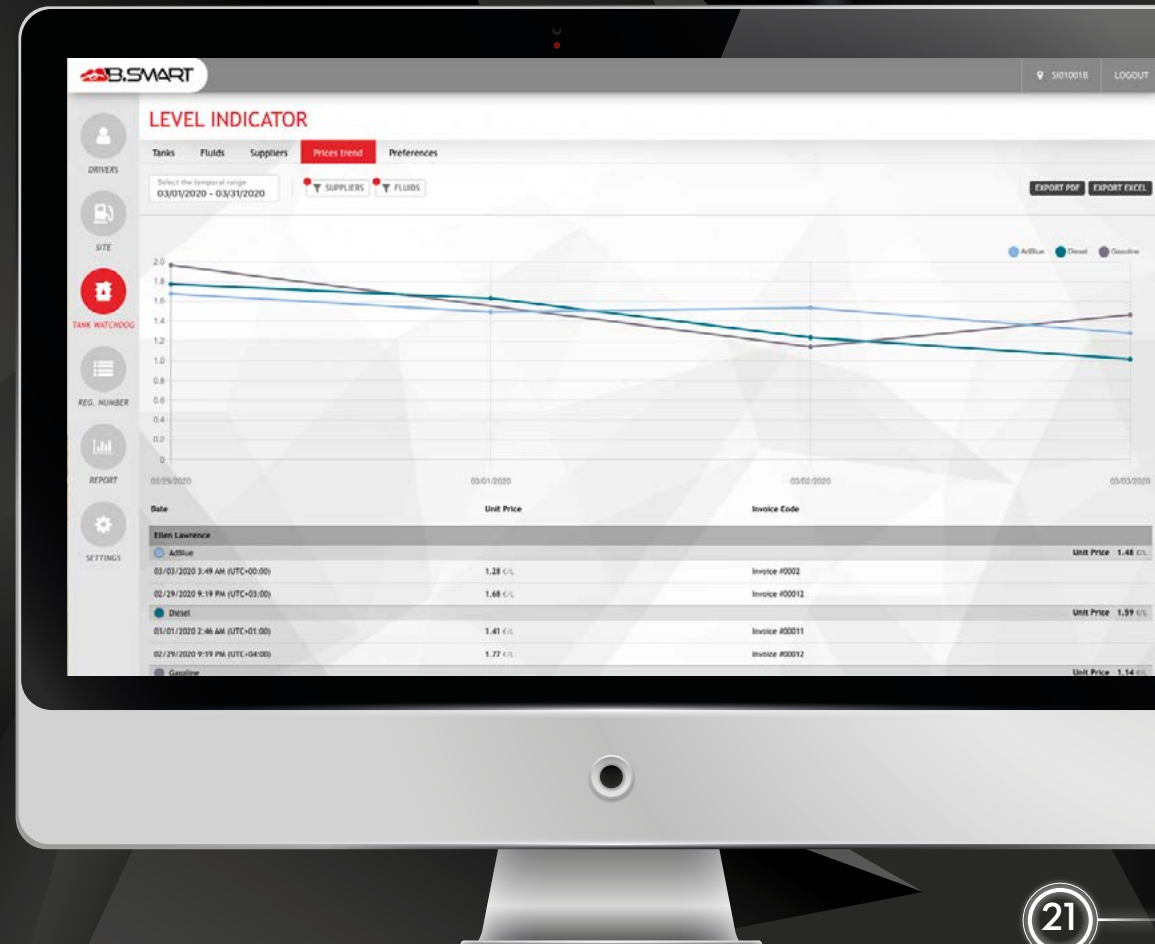


- **Monitor** the tank level  
(add fluid loads and unloads and adjustments)
- **Set level alarms**
- **Manage suppliers**
- **Follow** inventory price values and trends
- **Access and download** reports from anywhere

## 2 TANK WATCHDOG FLUID PRICE & VALUE

You can always have at your fingertips the fluid inventory value & quantity: you can **define the refuelling price** and **verify the current inventory value**:

- **Manage suppliers of the fluids** to keep track of the date, price and quantity bought
- **Get real time data** of the value of your inventory
- **Follow** fluids price trends
- **Access and download reports** from any internet connected device thanks to the software cloud



# B.SMART ADDITIONAL FEATURES

piusi.com

## FUEL ECONOMY ADD-ON

Enhance your system and become even more **smart** with the **FUEL ECONOMY ADD-ON** for B.SMART!

Thanks to this new module, you can now **completely manage and increase the profitability of your fleet**:



### FUEL ECONOMY

## FLEET MANAGEMENT & LIMITS

Thanks to this new add-on, you can:

- Add to the B.SMART WEB APP system **all the vehicles** of your fleet
- Group all the vehicles according to a **specific and personalized setting**
- Add to the WEB APP the images of your vehicles and drivers for a **quickest and easy identification**
- **Set drivers and vehicles limits** based on quantities or time frames



### QR CODE IDENTIFICATION

The QR code allows to **identify immediately the vehicle with 100% certainty**: it saves time during the refuelling and reduces the risk of human error.



The label is sized to **PERFECTLY FIT TO ALL VEHICLES** and can be placed closed to the tank. The extra-resistant glue and the laser scratchproof engraving guarantee the maximum durability over the time.



# B.SMART ADDITIONAL FEATURES

## FUEL ECONOMY ADD-ON



# 2

### FUEL ECONOMY

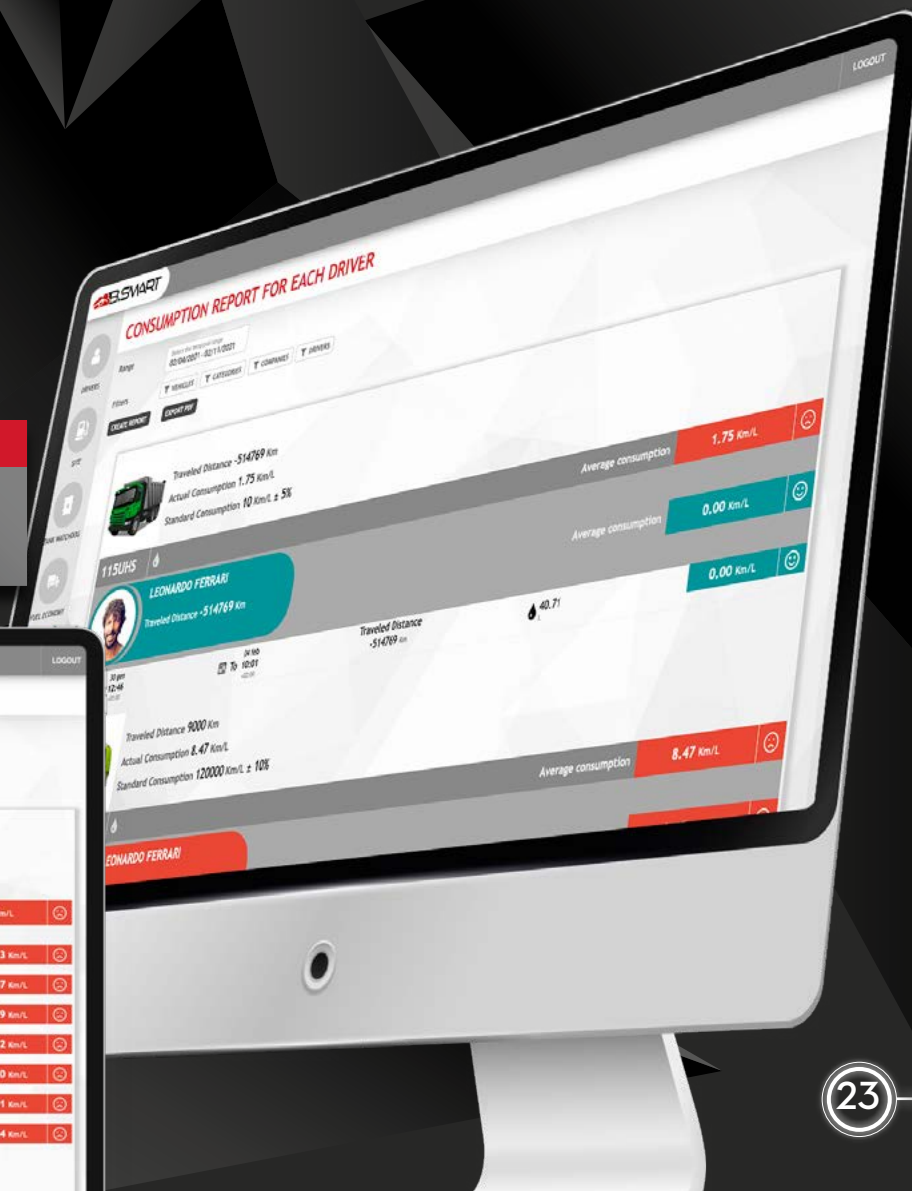
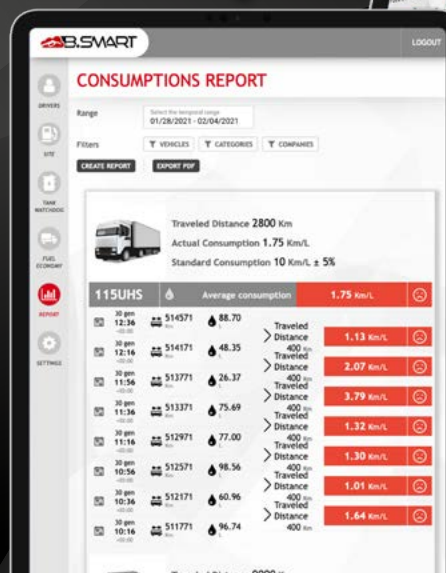
## CONSUMPTIONS REPORT

Thanks to this new add-on, you can have detailed reports of:

- Fuel/AdBlue® dispenses
- Vehicles' consumptions, spotting deviations vs standard
- Drivers' consumption on vehicles, tracking the driving behaviour of the operator
- Spot drivers' high fuel consumption
- Add on-road transactions highlighting also fuel/AdBlue® costs and the service station used in order to have a **complete overview on the trend/activities of both drivers and vehicles**

### SPOT

Spot unexpected fuel consumptions by vehicle or driver.

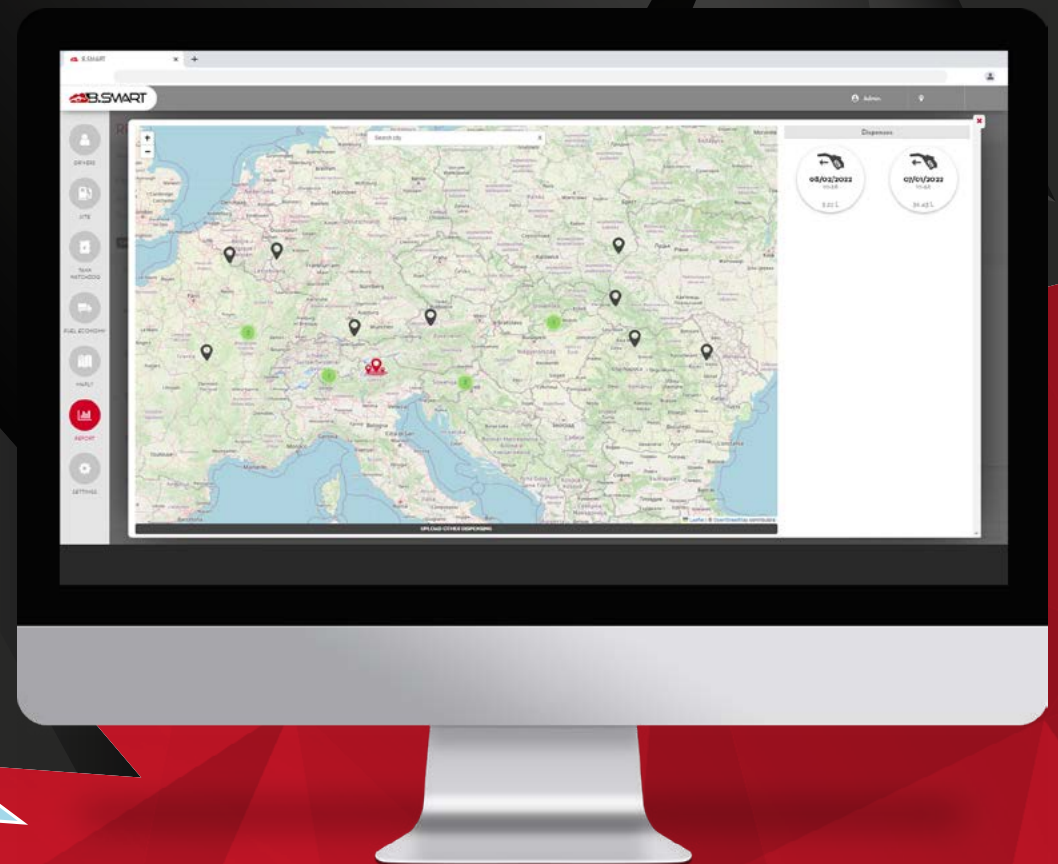


# B.SMART ADDITIONAL FEATURES

## MAPLY ADD-ON

Benefit from geolocation tracking and access control in an array of industries: construction, mining, excavation, drilling, landscaping, agriculture, and more.

- Reduce fuel waste
- Increase company profitability
- Monitor & control fuel dispensing



## 1

### MAPLY GEOLOCATION

- Geolocate fuel transactions and display them on a map;
- “report on map” gives an overview of fuel dispensing. Clicking on a fuel transaction you get all the relevant data (quantity, date, time, vehicle refueled, etc.)



# 2

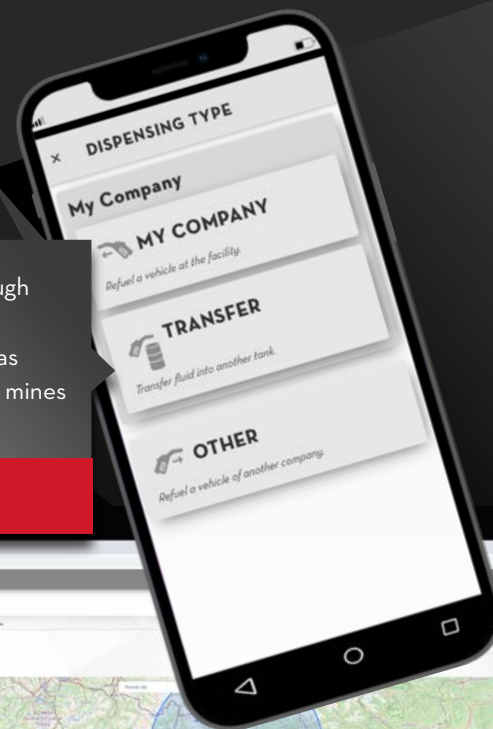
## MAPLY

### MANAGE FLUID HANDOVER FROM FIXED TO MOBILE TANKS

- **Automatically** manage portable tank loads;
- fuel transfer information will be managed inside the **B.Smart reporting system**, increasing information effectiveness.

- Restrict the dispenser's area of use through **Geo-Fencing**;
- group fueling dispenses into defined areas (working areas) such as construction sites, mines or plots of land.

#### GROUP TRANSACTIONS

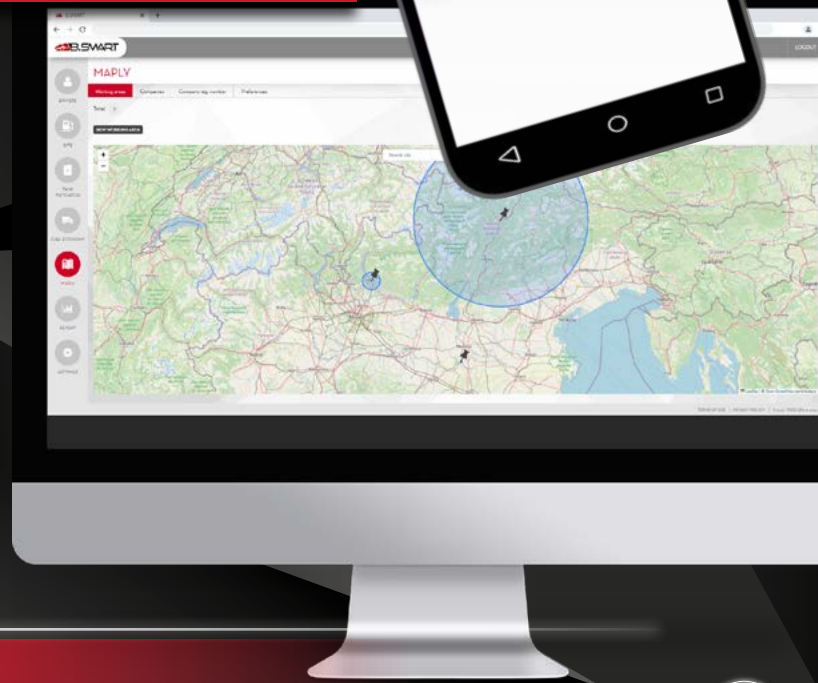


# 3

## MAPLY

### 3<sup>rd</sup> PARTIES VEHICLES REFUELLING

- **Track** fuel transactions on **third-party vehicles**;
- **possibility to send** e-mail **notifications** and add operator's notes.



➔ B.SMART Maply add-on is working both with AC and DC dispensers and with our PIUSI SUPREME pump once upgraded to B.SMART







## PRODUCT RANGE

PIUSI B.SMART **includes a wide range of fuel dispensers** that can uniquely suit various requirements in terms of flow-rate demand, voltage and technical specifications.

### MINIMUM SYSTEM REQUIREMENTS

Smart device: **iOS** starting from 10 or **Android** starting from 4.4






PART NUMBER	DESCRIPTION	FLUIDS	FLOW-RATE		VOLTAGE			
			l/min	g/m	AC V/Hz	Power Watt	Amp. max.	
 AC VERSION	FOO599000	MCBOX B.SMART • 10 DRIVERS	Any	/	/	100/240	5	15
	FOO599200	MCBOX B.SMART 2 PUMPS • 10 DRIVERS	Any	/	/	230/50	5	15
 DC VERSION	FOO599150	MCBOX B.SMART 12V/24V • 10 DRIVERS	Any	/	/	12/24	5	50/25

PART NUMBER	DESCRIPTION	FLUIDS	FLOW-RATE		VOLTAGE			
			l/min	g/m	AC V/Hz	Power Watt	Amp. max.	
 	FOO748010	SELF SERVICE 70 B.SMART • 10 DRIVERS	D	70	18	230/50	900	4.2
	FOO748000	SELF SERVICE 100 B.SMART • 10 DRIVERS	D	90	24	230/50	1150	5.7
 	FOO748020	SELF SERVICE AdBlue® B.SMART • 10 DRIVERS	U	32	9	230/50	400	1.95

# PIUSI B.SMART

## PRODUCT RANGE








PART NUMBER	DESCRIPTION	FLUIDS	FLOW-RATE		VOLTAGE		
			l/min	g/m	AC V/Hz	Power Watt	Amp. max.
 VERSION <b>AC/DC</b>	 F00598000 <b>CUBE 70 B.SMART • 10 DRIVERS</b>	<b>D</b>	70	18	230/50	900	4.2
	 F00598010 <b>CUBE 90 B.SMART • 10 DRIVERS</b>	<b>D</b>	90	24	230/50	900	4.9
	 F00598AOA <b>CUBE 56 B.SMART 12V • 10 DRIVERS</b>	<b>D</b>	56	15	12	300	35
	 F00598A1A <b>CUBE 70 B.SMART 24V • 10 DRIVERS</b>	<b>D</b>	70	18	24	420	25

**D** Diesel **U** AdBlue®




# PIUSI B.SMART - ACCESSORIES

piusi.com

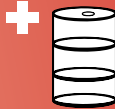


CODE	DESCRIPTION
 F22500000	DRIVER ACCESS (x10)
 F00770D20	DRIVER ACCESS (x50)
 F15904000	USER KEY (Yellow key: 10 pcs) Emergency only

CODE	DESCRIPTION
 F1270800C	PEDESTAL (Cube • MCBOX)
 R12737000	KIT WALL SUPPORT (Cube • MCBOX)

## KIT HARDWARE 1.0/2018 UPGRADE

CODE	DESCRIPTION
 F22923000	KIT UPGRADE SELF SERVICE MC B.SMART • 10 DRIVERS
 F22924000	KIT UPGRADE SELF SERVICE MC AdBlue® B.SMART • 10 DRIVERS
 F22922000	KIT UPGRADE CUBE B.SMART • 10 DRIVERS

## TANK WATCHDOG ADD-ON




CODE	DESCRIPTION
 F00770L00	B.SMART TANK WATCHDOG ADD-ON • 1 YEAR
 F00770L20	B.SMART TANK WATCHDOG ADD-ON • ONE TIME FEE
 F00755220	LEVEL IND. OCIO 2.0 • 230V - 50/60HZ





# PIUSI B.SMART - ACCESSORIES



## FUEL ECONOMY ADD-ON

CODE	DESCRIPTION
	↘ F00770F00 B.SMART FUEL ECONOMY ADD-ON • 1 YEAR
	↘ F00770F20 B.SMART FUEL ECONOMY ADD-ON • ONE TIME FEE
	↘ F00770K00 KIT TANK WATCHDOG + FUEL ECONOMY • 1 YEAR
	↘ F00770K20 KIT TANK WATCHDOG + FUEL ECONOMY • ONE TIME FEE
	↘ F17299Q00 B.SMART FUEL ECONOMY • 45 QR CODES

## MAPLY ADD-ON

CODE	DESCRIPTION
	↘ F00770M00 B.SMART MAPLY ADD-ON • 1 YEAR
	↘ F00770M20 B.SMART MAPLY ADD-ON • ONE TIME FEE
	↘ F00770K40 KIT TANK WATCHDOG + FEM + MAPLY • 1 YEAR
	↘ F00770K60 KIT TANK WATCHDOG+FEM+MAPLY • ONE TIME FEE

PIUSI  
**B.SMART:**  
ALWAYS  
**A STEP**  
AHEAD!

PIUSI B.SMART is available worldwide through a professional network of authorized dealers.

**Get in touch with our local partner to order your B.SMART product or contact PIUSI for further information.**

**PIUSI**

© piusi.com







# PIUSI

MADE IN ITALY

**piusi.com**

PIUSI S.p.A. • 46029 Suzzara (Mantova) Italy  
tel. +39 0376 534561 • fax +39 0376 536393 • [piusi@piusi.com](mailto:piusi@piusi.com)

**piusiusa.com**

PIUSI USA, Inc. • 3901 Anglers Ave Fort Lauderdale, FL 33312  
tel. 954 584 1552 • fax 954 584 1554 • [piusiusa@piusiusa.com](mailto:piusiusa@piusiusa.com)

01.24 • EN