PIUSI

B.SMART

SIMPLE, INTUITIVE, SMART FUEL MANAGEMENT SYSTEM

Available on the iPhone App Store

GET IT ON Google Play

09.25• EN

MADE IN ITALY

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

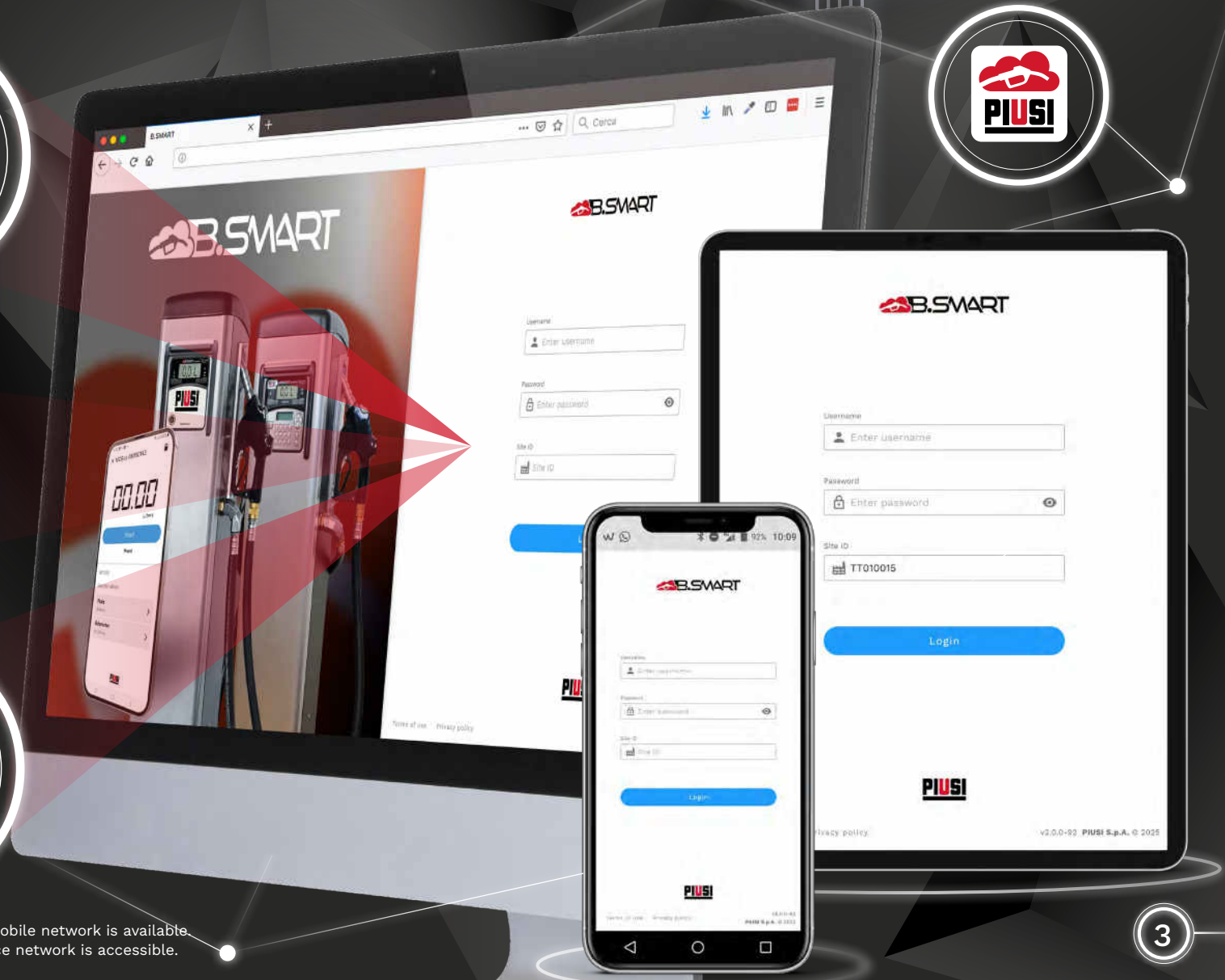
CHECK REFUELING

Check all fuel transactions at a glance.

3

REAL TIME

Receive all **information** from the site immediately*



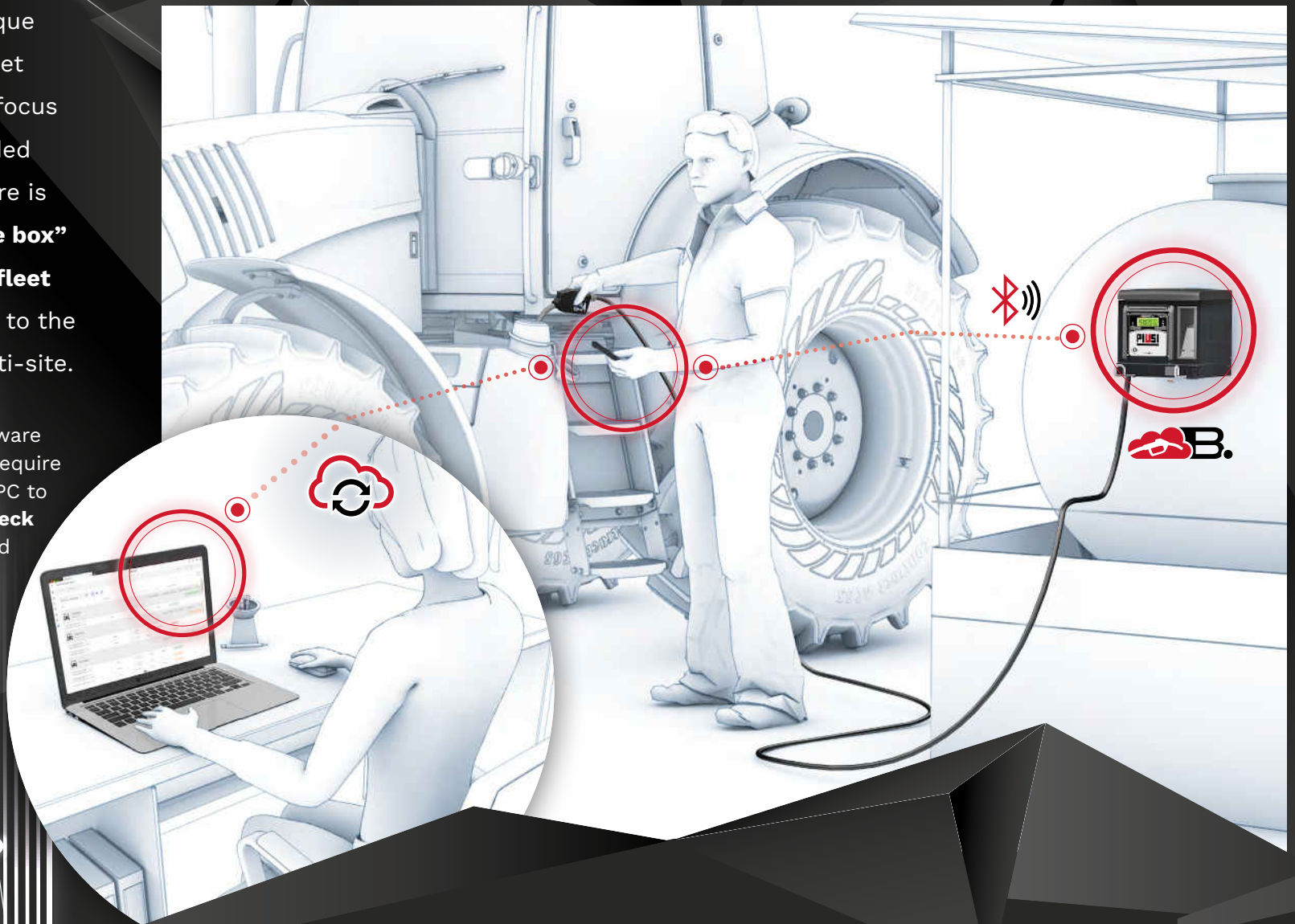
* Real time only in areas where Wi-Fi or mobile network is available. Otherwise, data will be synchronized once network is accessible.

ONE SOFTWARE, MANY DISPENSERS:
SUITABLE FOR ANY FLEET SIZE

PIUSI 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.

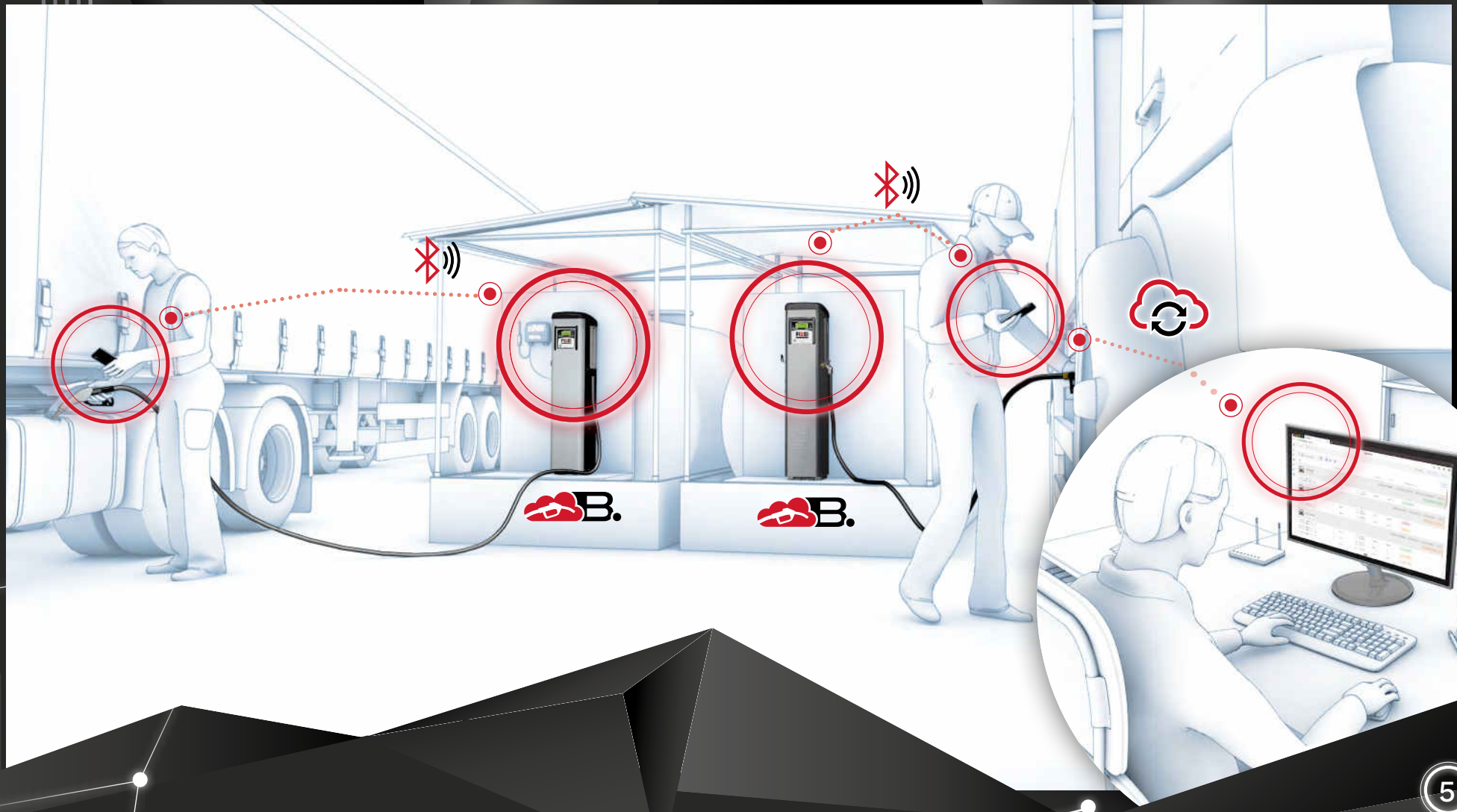
As the PIUSI B.SMART software is **Cloud based**, it doesn't require any installation on a local PC to allow fleet managers to **check the site from anywhere** and monitor fuel transactions.

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



→ EXAMPLE B

Multi-site installation with several dispensers



YOUR FUEL MANAGEMENT SYSTEM

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**)*

Web app B.SMART

pages 11-13

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

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

Double Pump version

Self Service
B.SMART
page **17**

MCBOX AC/DC
B.SMART
page **17**

App
B.SMART
pages **8-10**

PIUSI B.SMART

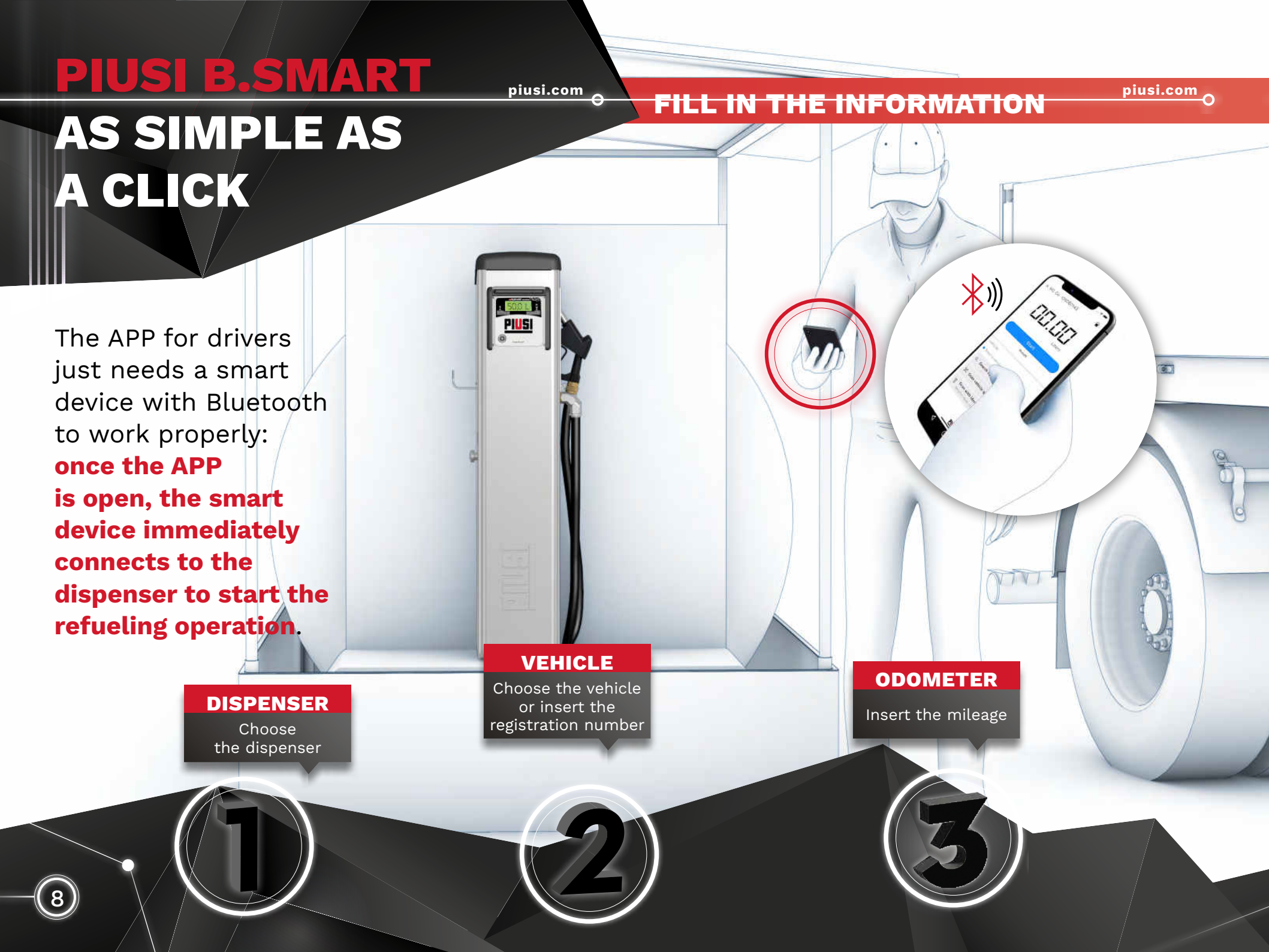
piusi.com

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**.



1 DISPENSER
Choose the dispenser

2 VEHICLE
Choose the vehicle or insert the registration number

3 ODOMETER
Insert the mileage

REFUELING

PRESET/FILL THE TANK

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

4

TOTAL

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

5

RECEIPT

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

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 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:

Available on the iPhone App Store

GET IT ON Google Play

* It requires prior user authentication via the internet. Transactions will be transferred when the network becomes 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:

SET, ACTIVATE AND MONITOR YOUR SITE

CONFIGURE

Create your site, set up dispensers and enable drivers.

MANAGE

Add or delete sites, dispensers and users.

CHECK

All the information always under control.

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:

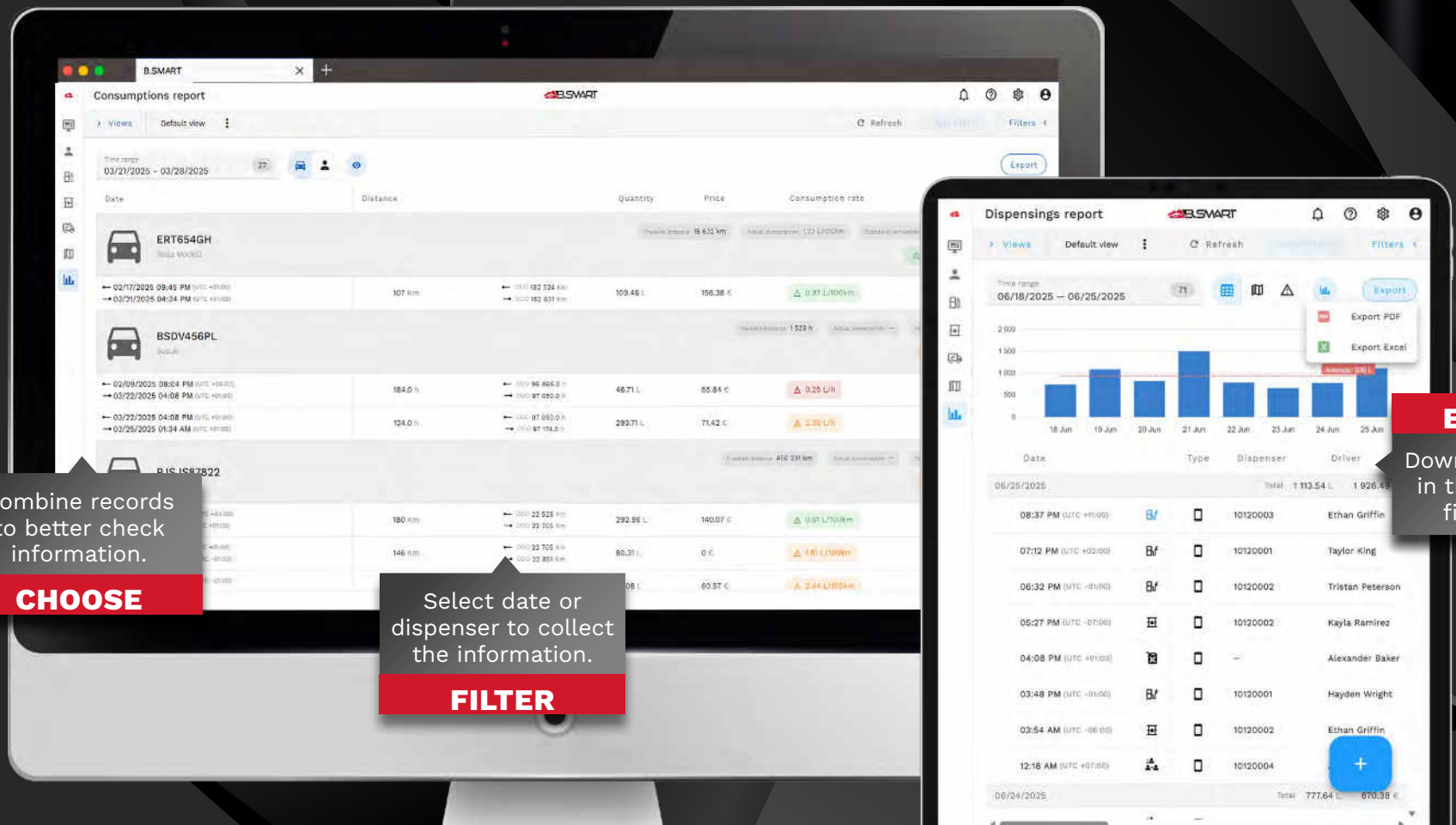
- **Easy installation** procedure
- **Unique code** to identify each site
- **Detailed icons** help to easily identify dispensers for a complete overview of installed devices
- **Avatar** of all drivers

CHECK 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



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*:

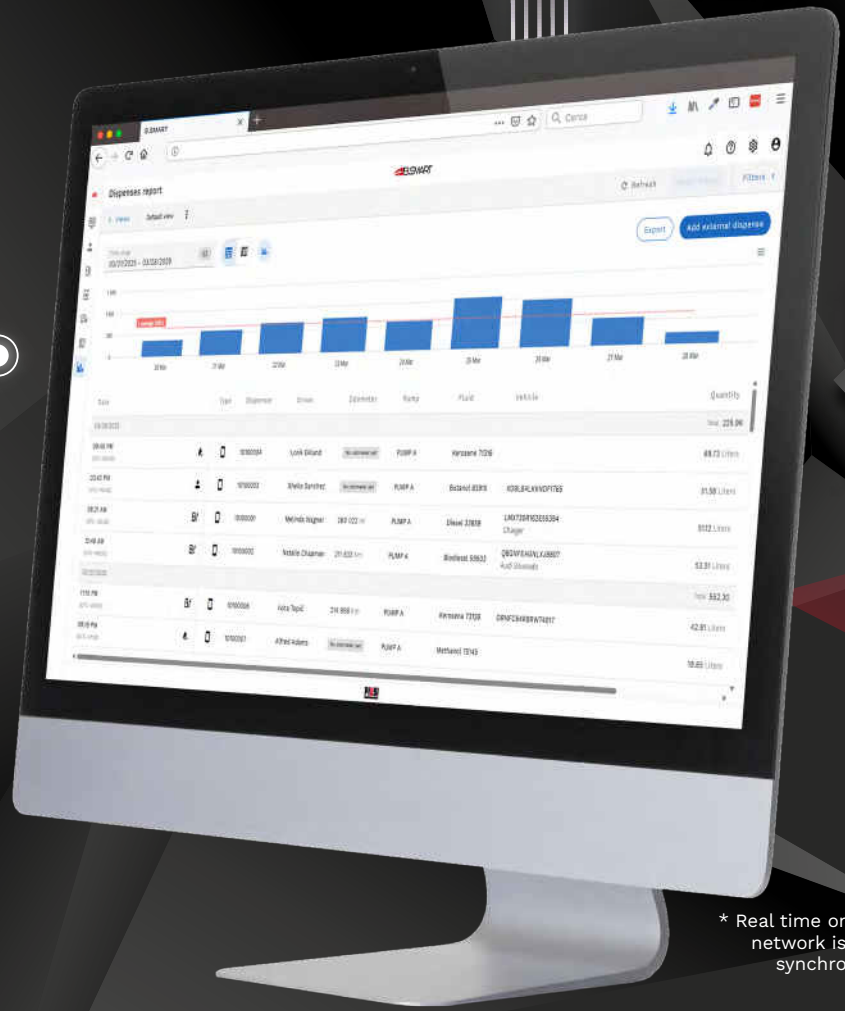
UPDATE

Update information and data in real time*.

DRIVER
Mobile *APP B.SMART*

Receive a receipt of the transaction once completed*.

RECEIVE



CONTROL

Control and collect all the information in every condition*.

MANAGER
Web *APP B.SMART*

* 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

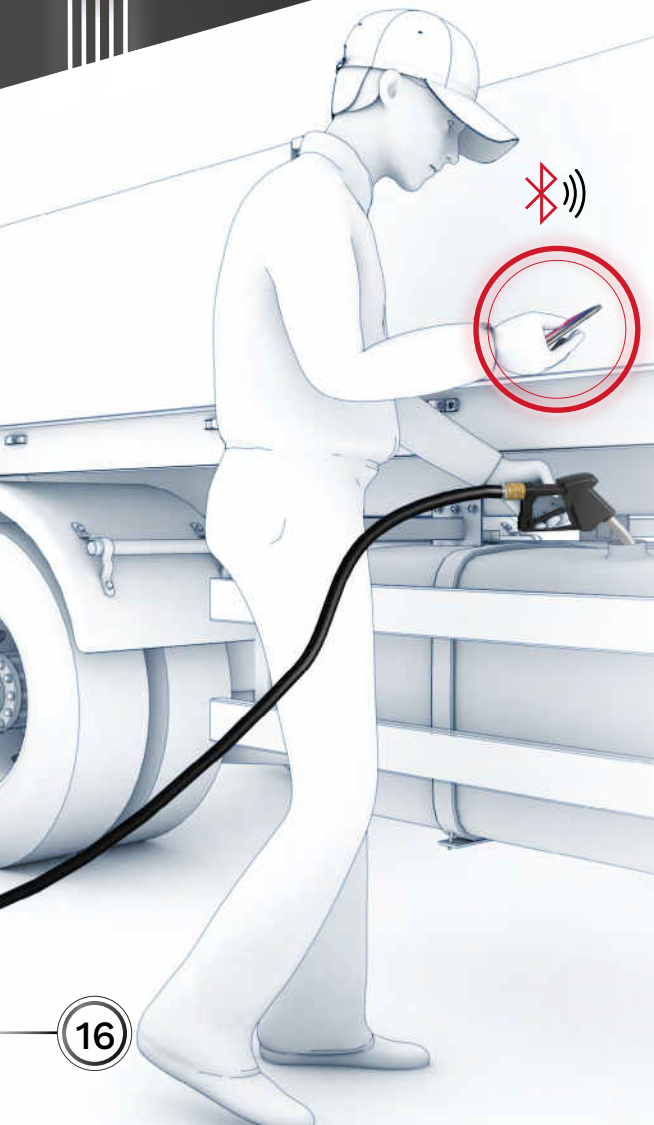
hardware + Software

Software always included in any dispenser chosen!

No rental
or recurring fee

NO FEE

HARDWARE DEVICES FOR PIUSI B.SMART



PIUSI 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.*

Pedestal optional

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:

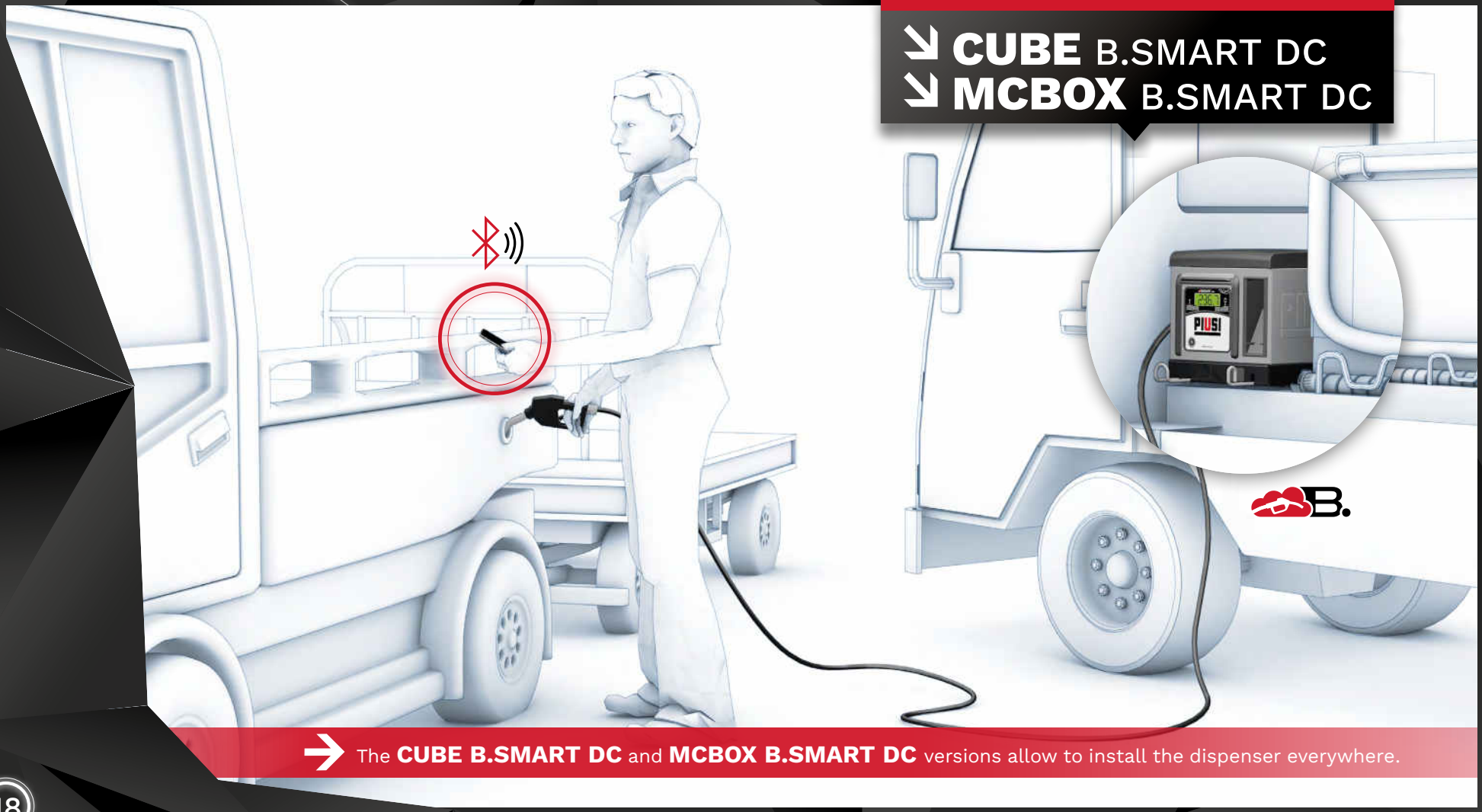
- Pump
- Pulse meter
- Nozzle contact

Up to 2 PUMPS

AC/DC version

APPLICATIONS

FOR THE B.SMART RANGE



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.

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 o 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

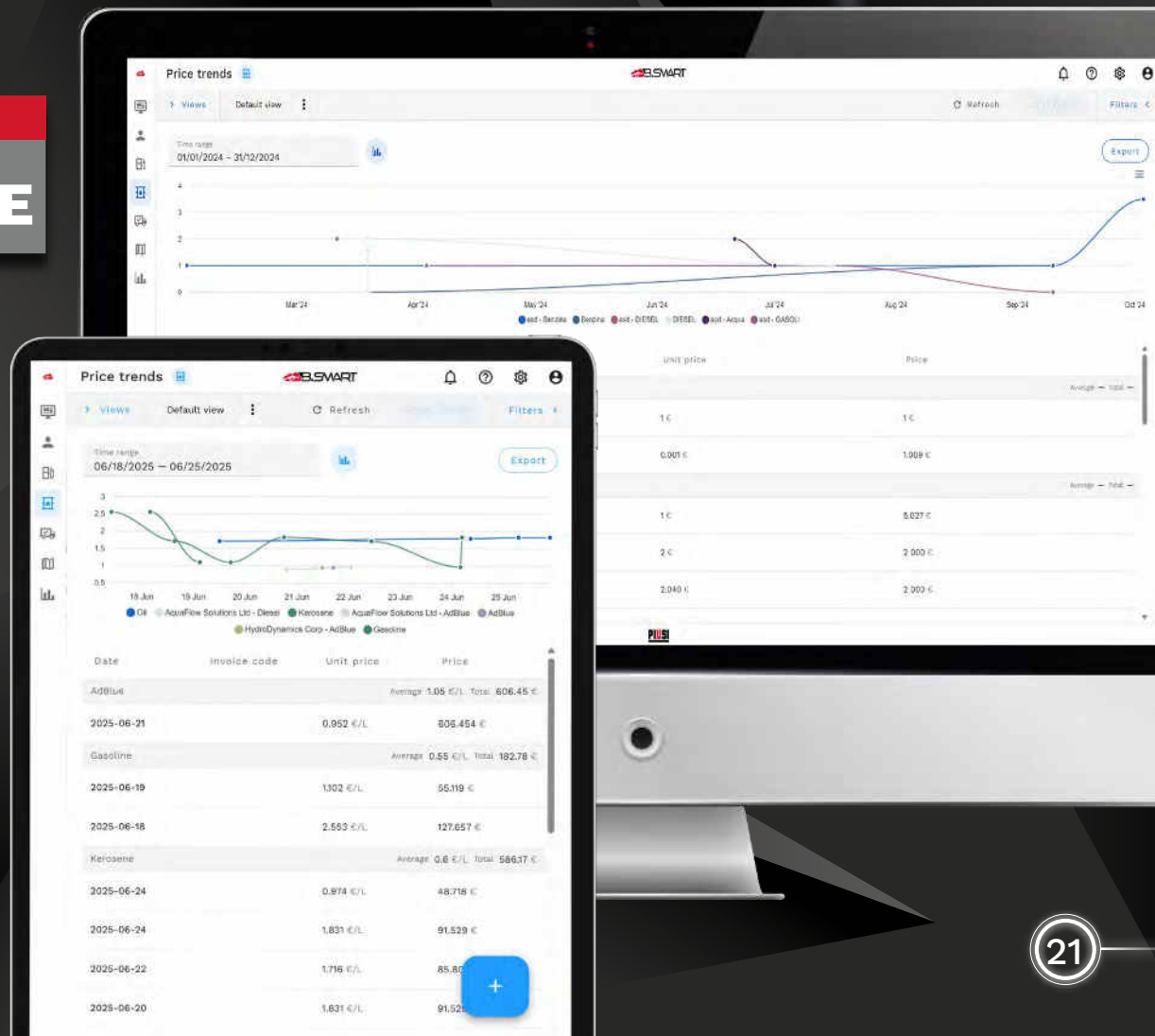
- **Monitor** the tank level (add fluid loads and unloads and adjustments)
- **Set level alarms**
- **Manage suppliers**
- **Follow** inventory price values and trends
- **Access and download** reports from anywhere

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

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**:

1

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

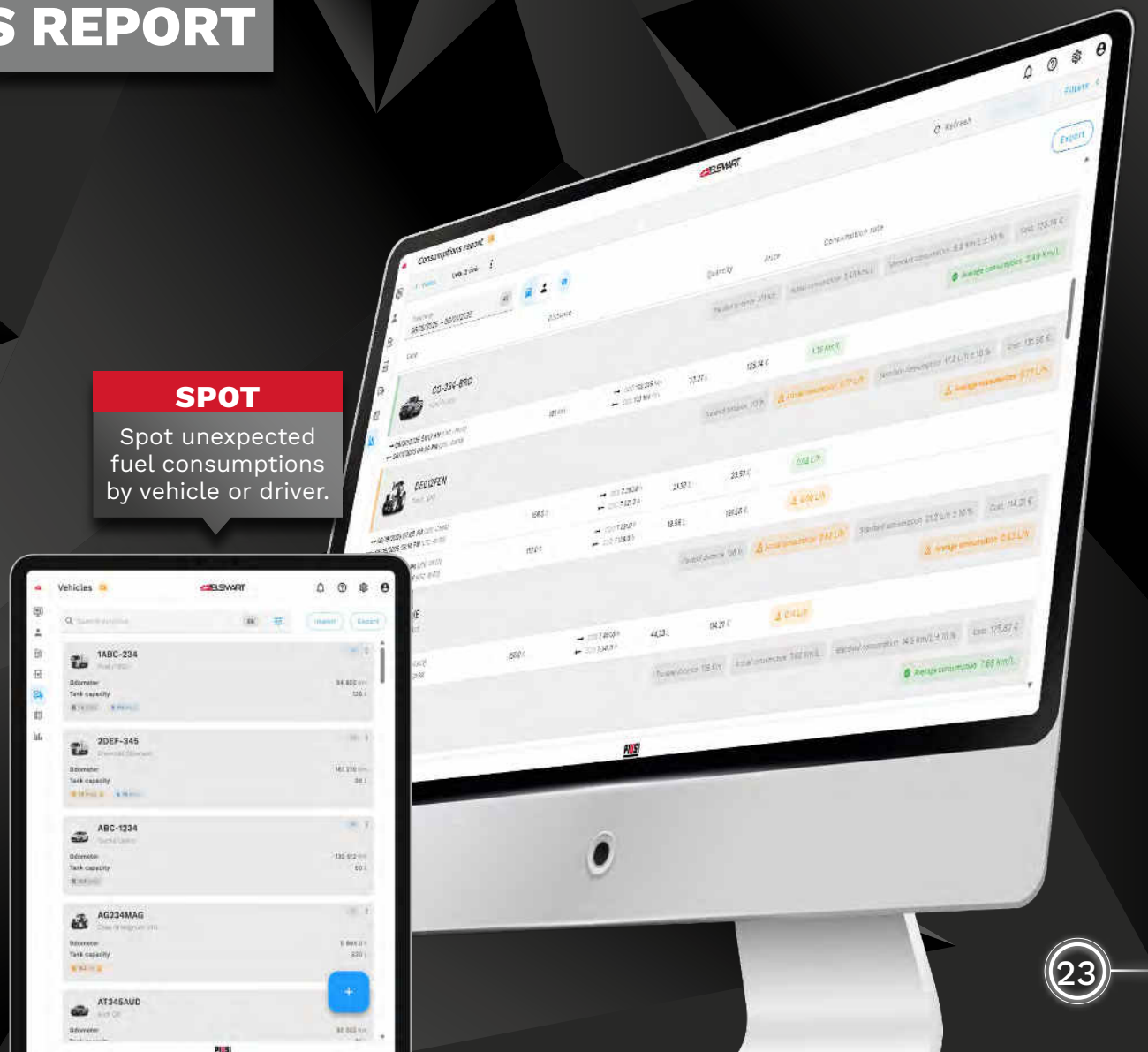
CONSUMPTIONS REPORT

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.



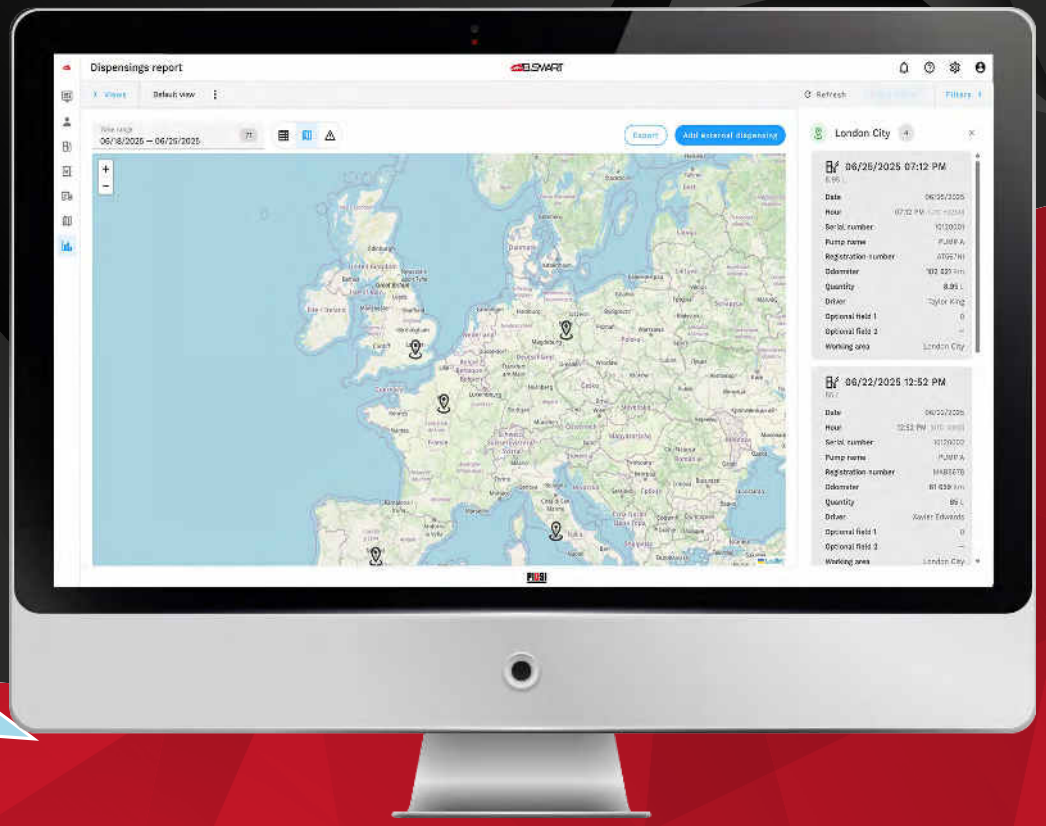
MAPLY ADD-ON

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 refuelled, etc.)



2

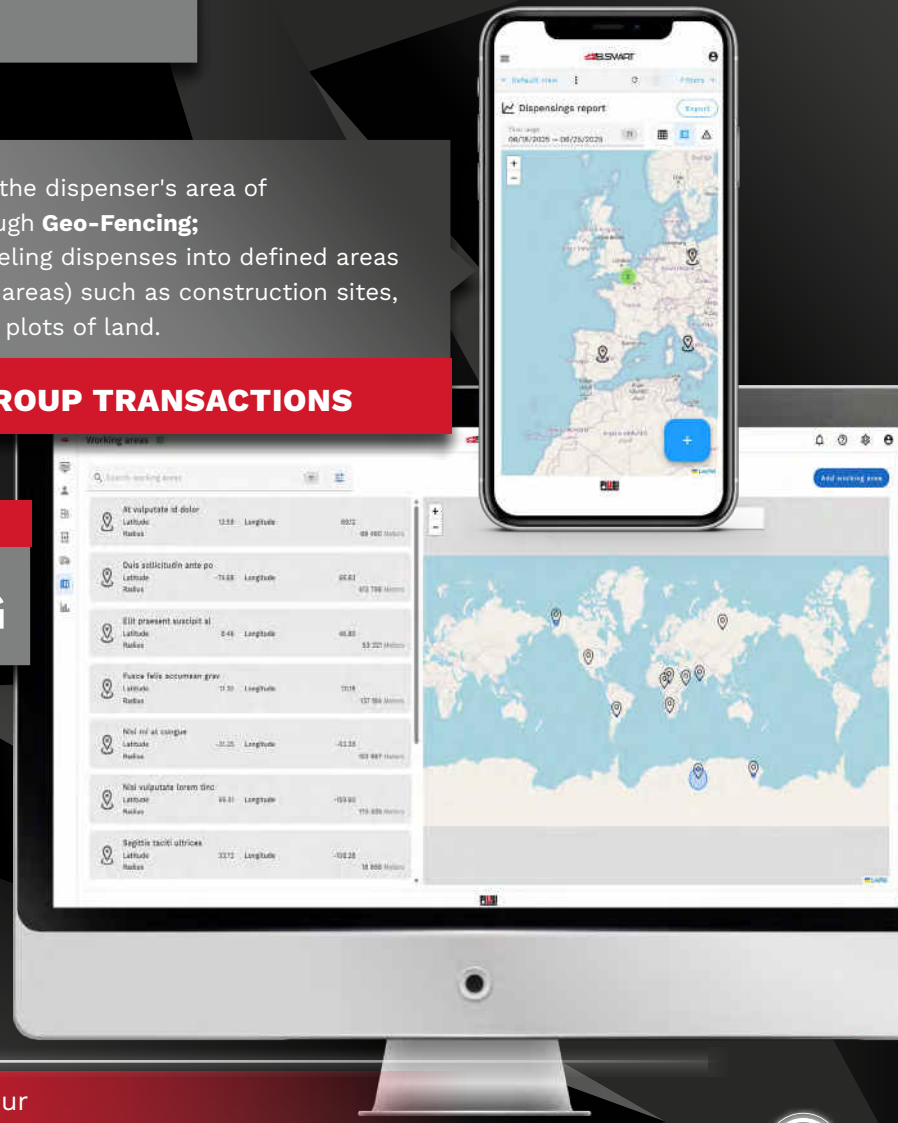
MAPLY

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

3RD 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

IDENTITANK

IdentiTank is a smart, wireless RFID system designed to make refueling safe, efficient, and traceable. It works by verifying that the fueling nozzle and tank match, allowing fuel to be dispensed only when a correct connection is confirmed.

IdentiTank

IDENTITANK

MAIN ADVANTAGES

- **Active safety:** Fuel is dispensed only when the nozzle and vehicle RFID are paired.
- **Automatic stop:** If the pairing is interrupted, the fuel flow stops within seconds.
- **Instant authentication:** Every refueling is authorized through B.SMART.
- **Full traceability:** All operations are recorded in real time and available in the B.SMART reports

Take full control of your fuel, improve your efficiency, and ensure the safety of your resources.
Choose IdentiTank.

B.SMART ADDITIONAL FEATURES

IDENTITANK

IDENTITANK

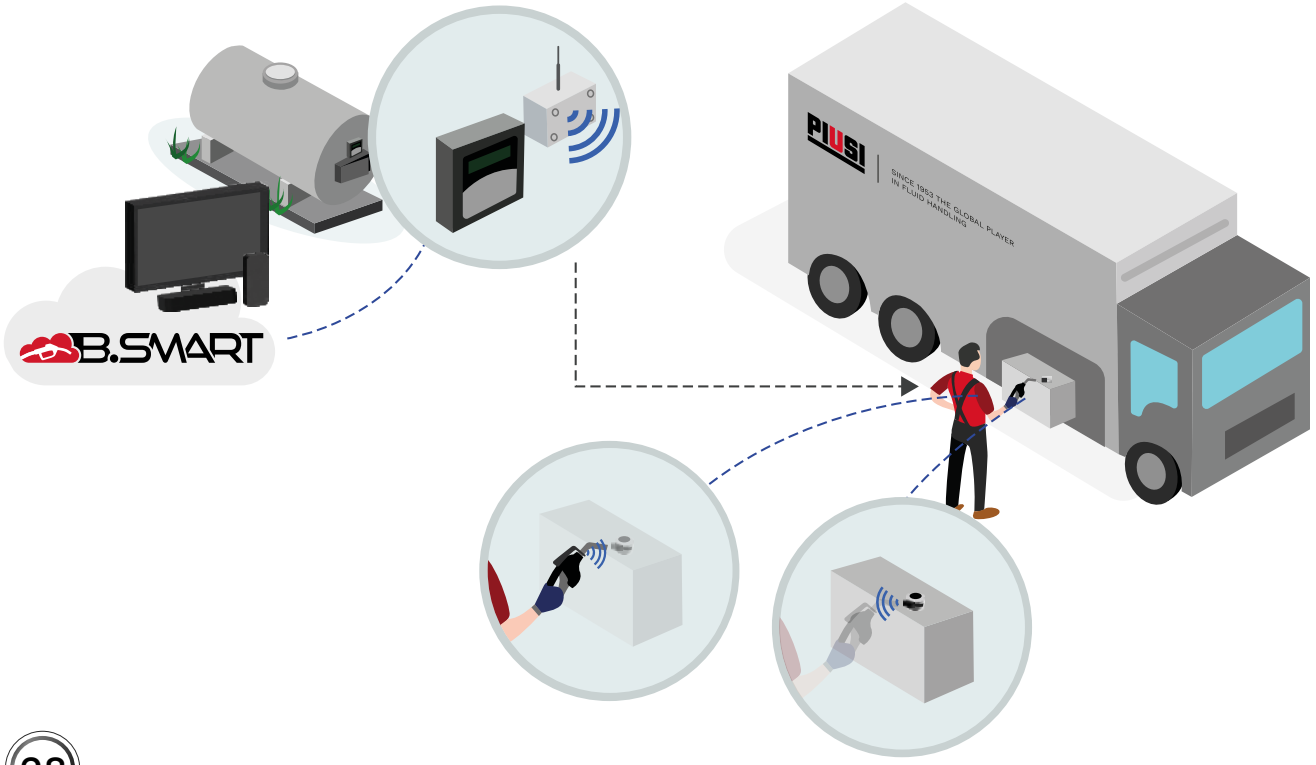
FUEL CONTROL

- **Nozzle with RFID reader:** quick installation and automatic detection
- **Wireless controller:** superior signal stability and extended range thanks to external antenna
- **RFID tags for tanks:** Weather-resistant and applicable to any type of tank.

IDENTITANK

IDENTITANK
MAIN TECHNICAL FEATURES

- **Seamless B.SMART Integration:** no need to install or configure extra software. IdentiTank works within your familiar B.SMART apps and web apps.
- **Built to Last:** the system is designed to withstand harsh industrial and outdoor environments.
- **Reliable Power:** the nozzle features a long-life battery with a low-level warning
- **Effortless Connectivity:** once connected to B.SMART, no additional wireless unit setup is required.

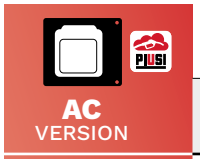


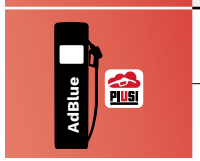
PIUSI B.SMART

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 l/min	Flow-rate GPM	Voltage AC V/Hz	Voltage Power W	Voltage A max.
 **AC** VERSION	F00599000	**MCBOX B.SMART** • 10 DRIVERS	Any	/	/	100/240	5W	15A
	F00599200	**MCBOX B.SMART 2 PUMPS** • 10 DRIVERS	Any	/	/	230/50	5W	15A
DC VERSION	F00599150	**MCBOX B.SMART 12V/24V** • 10 DRIVERS	Any	/	/	12/24	5W	50A/25A

	Part number	Description	Fluids	Flow-rate l/min	Flow-rate GPM	Voltage AC V/Hz	Voltage Power W	Voltage A max.
	F00748010	**SELF SERVICE 70 B.SMART** • 10 DRIVERS	D	70	18	230/50	900W	4.2A
	F00748000	**SELF SERVICE 100 B.SMART** • 10 DRIVERS	D	90	24	230/50	1150W	5.7A
	F00748020	**SELF SERVICE AdBlue® B.SMART** • 10 DRIVERS	U	32	9	230/50	400W	1.95A

PIUSI B.SMART

PRODUCT RANGE

Part number	Description	Fluids	Flow-rate l/min	Flow-rate GPM	Voltage AC V/Hz	Voltage Power W	Voltage A max.
VERSION ac/dc							
F00598000	**CUBE 70 B.SMART** • 10 DRIVERS	D	70	18	230/50	900W	4.2A
F00598010	**CUBE 90 B.SMART** • 10 DRIVERS	D	90	24	230/50	900W	4.9A
F00598A0A	**CUBE 56 B.SMART 12V** • 10 DRIVERS	D	56	15	12	300W	35A
F00598A1A	**CUBE 70 B.SMART 24V** • 10 DRIVERS	D	70	18	24	420W	25A

D Diesel U AdBlue®

PIUSI B.SMART - ACCESSORIES

Code	Description
F22500000	**DRIVER ACCESS** (x10)
F00770D20	**DRIVER ACCESS** (x50)
F1590400A	**USER KEY** (Yellow key: 10 pcs) Emergency only

Code	Description
F1270800C	**PEDESTAL** (Cube • MCBOX)
R12737000	**KIT WALL SUPPORT** (Cube • MCBOX)

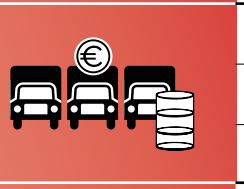
KIT HARDWARE 1.0/2018 UPGRADE

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

FUEL ECONOMY ADD-ON

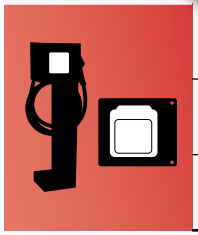
Code	Description
F00770F00	**B.SMART FUEL ECONOMY ADD-ON** • 1 YEAR
F00770F20	**B.SMART FUEL ECONOMY ADD-ON** • ONE TIME FEE
 F00770K00	**KIT TANK WATCHDOG + FUEL ECONOMY** • 1 YEAR
F00770K20	**KIT TANK WATCHDOG + FUEL ECONOMY** • ONE TIME FEE
F17299Q00	**B.SMART FUEL ECONOMY** • 45 QR CODES

MAPLY ADD-ON

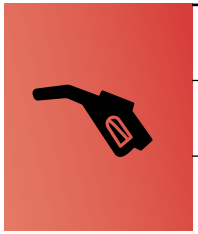
Code	Description
F00770M00	**B.SMART MAPLY ADD-ON** • 1 YEAR
F00770M20	**B.SMART MAPLY ADD-ON** • ONE TIME FEE
F00770K40	**KIT TANK WATCHDOG + FEM + MAPLY** • 1 YEAR
F00770K60	**KIT TANK WATCHDOG+FEM+MAPLY** • ONE TIME FEE

PIUSI B.SMART

IDENTITANK

Code	Description	Fluids	Flow-rate l/min	Flow-rate GPM	Voltage AC V/Hz	Voltage Potenza W	Voltage A max.
 F00598300	**CUBE 70 B.SMART 230V IDENTITANK**	D	70	18	230/50	900W	4.9A
F00599800	**MCBOX B.SMART 100/240V IDENTITANK-60**	Any fluids	-	-	100-240V 50/60HZ	5W	15A
F00599810	**MCBOX B.SMART 100/240V IDENTITANK-120**	Any fluids	-	-	100-240V 50/60HZ	5W	15A

Accessories

 F00790400	**KIT TAG HEAVY DUTY 10 PCS IDENTITANK**	
F00790410	**KIT TAG HEAVY DUTY 50 PCS IDENTITANK**	
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