

PIUSI



**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.

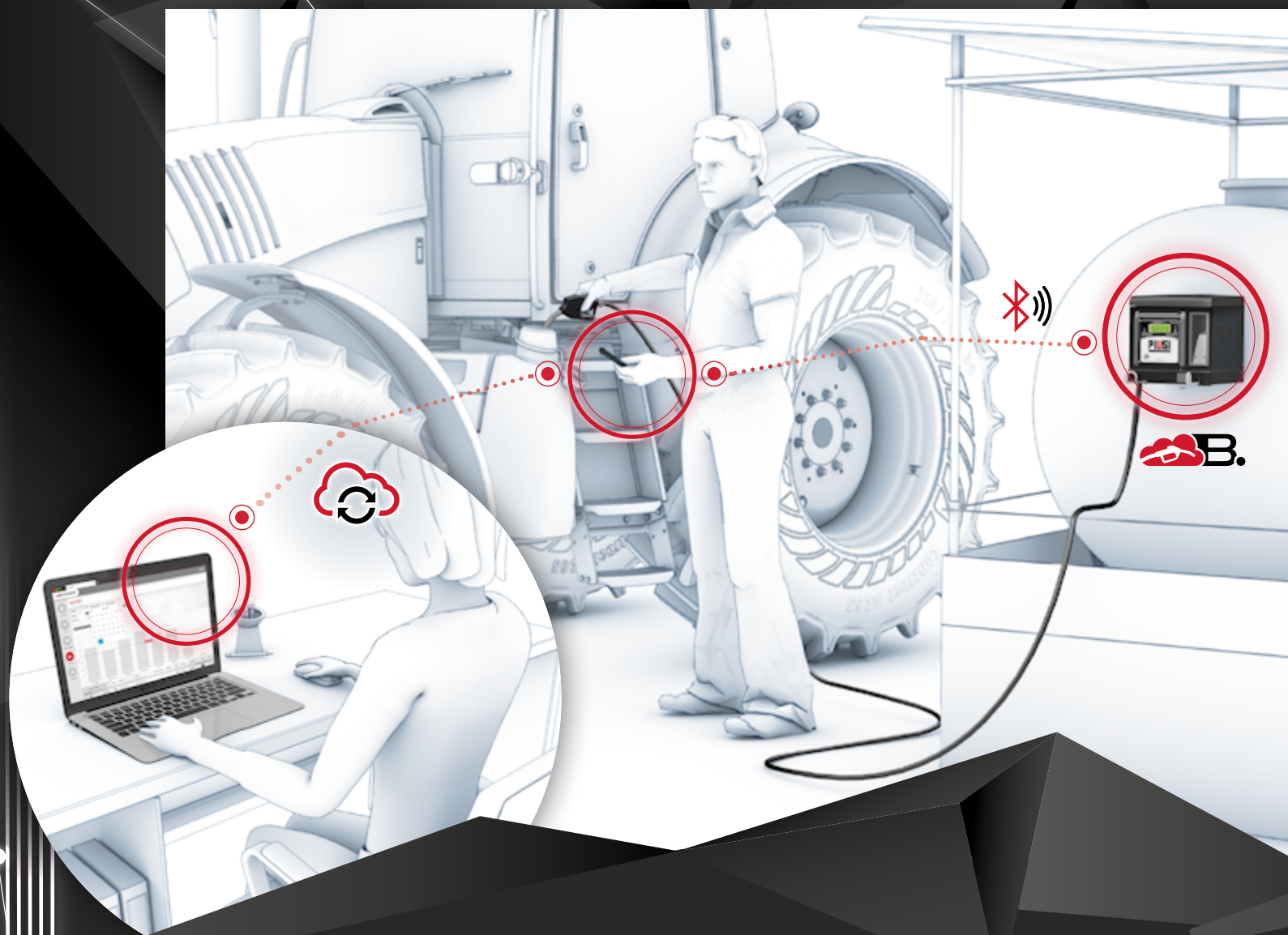


ONE SOFTWARE, MANY DISPENSERS: SUITABLE FOR ANY FLEET SIZE

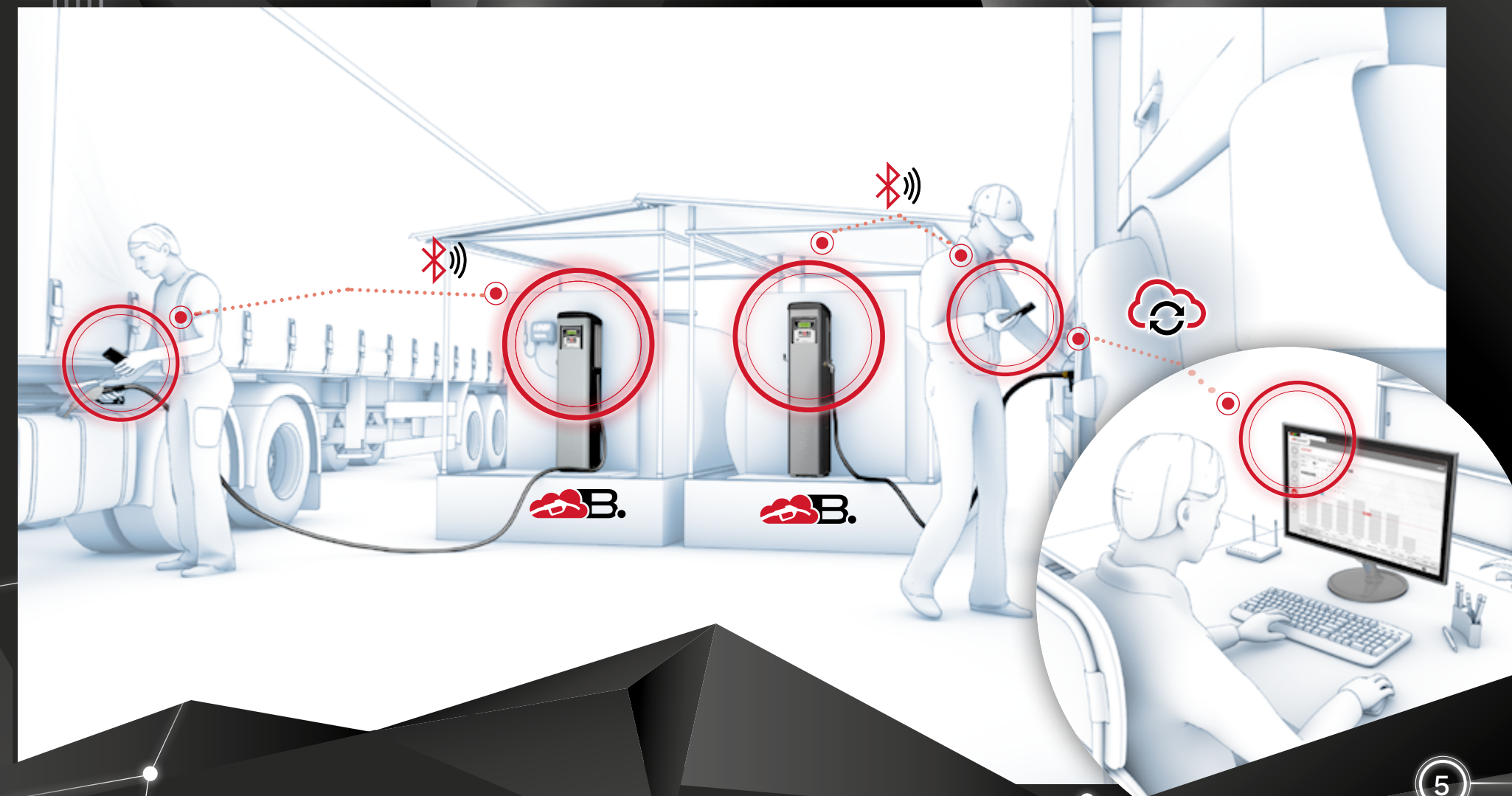
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→ EXAMPLE A Single-site installation with one dispenser



→ example B Multi-site installation with several dispensers



YOUR FUEL MANAGEMENT SYSTEM

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**CUBE AC/DC
B.SMART**



↓ page 17

**SELF SERVICE
AdBlue® B.SMART**



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**

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**APP
B.SMART**

↓ pages 8-10



**WEB APP
B.SMART**

↓ pages 11-13



PIUSI B.SMART AS SIMPLE AS A CLICK

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FILL IN THE INFORMATION

REFUELING



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

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)

* 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**

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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: SET, ACTIVATE AND MONITOR YOUR SITE

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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:

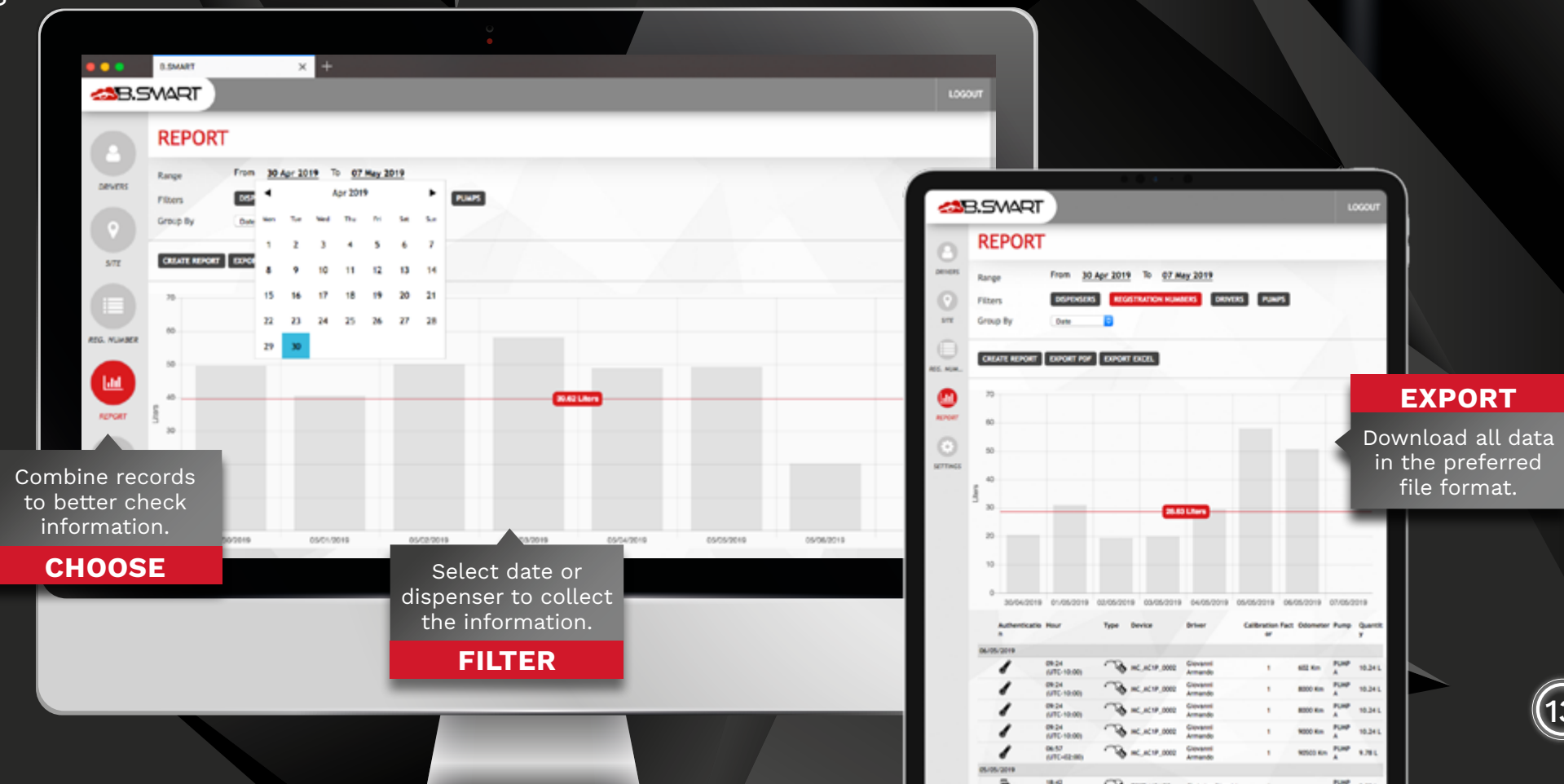
- **Easy installation** procedure
- **Unique code** to identify each site
- **Detailed icons** help to easily identify dispensers for a complete overview of installed devices
- **Avatar** of all drivers

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



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

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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

RECEIVE

Receive a receipt of the transaction once completed*.

* 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!*

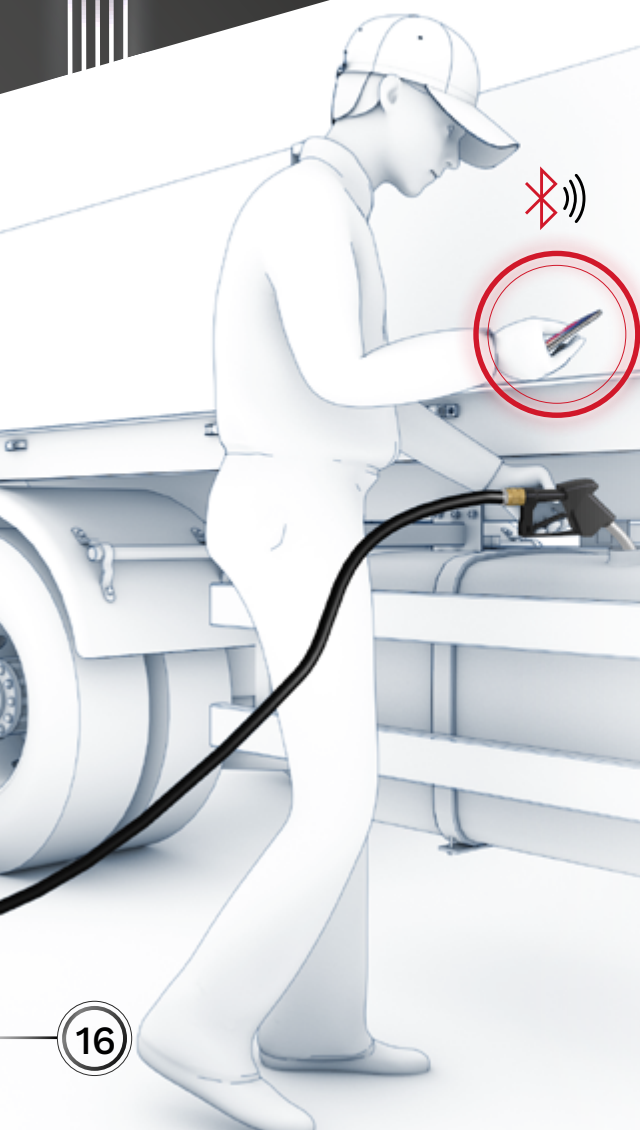


No rental
or recurring fee

NO FEE

HARDWARE DEVICES FOR PIUSI B.SMART

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➔ 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

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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.

➤ **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.

➤ **MCBOX B.SMART DOUBLE PUMP**



AdBlue®



Diesel



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

B.SMART ADDITIONAL FEATURES

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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

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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.



B.SMART ADDITIONAL FEATURES

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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

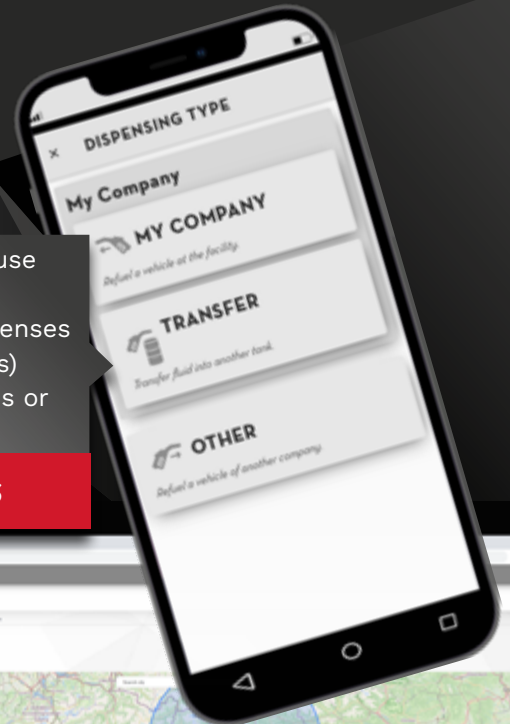
MAPLY

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



PIUSI B.SMART



PRODUCT RANGE

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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.
	↘ F00599000 MCBOX B.SMART • 10 DRIVERS	Any	/	/	100/240	5	15
	↘ F00599200 MCBOX B.SMART 2 PUMPS • 10 DRIVERS	Any	/	/	230/50	5	15
	↘ F00599150 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.
	↘ F00748010 SELF SERVICE 70 B.SMART • 10 DRIVERS	D	70	18	230/50	900	4.2
	↘ F00748000 SELF SERVICE 100 B.SMART • 10 DRIVERS	D	90	24	230/50	1150	5.7
	↘ F00748020 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.
	↘ F00598000 CUBE 70 B.SMART • 10 DRIVERS	D	70	18	230/50	900	4.2
	↘ F00598010 CUBE 90 B.SMART • 10 DRIVERS	D	90	24	230/50	900	4.9
	↘ F00598A0A CUBE 56 B.SMART 12V • 10 DRIVERS	D	56	15	12	300	35
	↘ F00598A1A CUBE 70 B.SMART 24V • 10 DRIVERS	D	70	18	24	420	25


D Diesel U AdBlue®

PIUSI B.SMART - ACCESSORIES

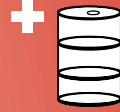

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CODE	DESCRIPTION	CODE	DESCRIPTION
	↘ F22500000 DRIVER ACCESS (x10)		↘ F1270800C PEDESTAL (Cube • MCBOX)
	↘ F00770D20 DRIVER ACCESS (x50)		
	↘ F15904000 USER KEY (Yellow key: 10 pcs) Emergency only		↘ R12737000 KIT WALL SUPPORT (Cube • MCBOX)

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

MADE IN ITALY

piusi.com

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

PIUSI USA, Inc. • 3901 Anglers Ave Fort Lauderdale, FL 33312
tel. 954 584 1552 • fax 954 584 1554 • piusiusa@piusiusa.com

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