

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.

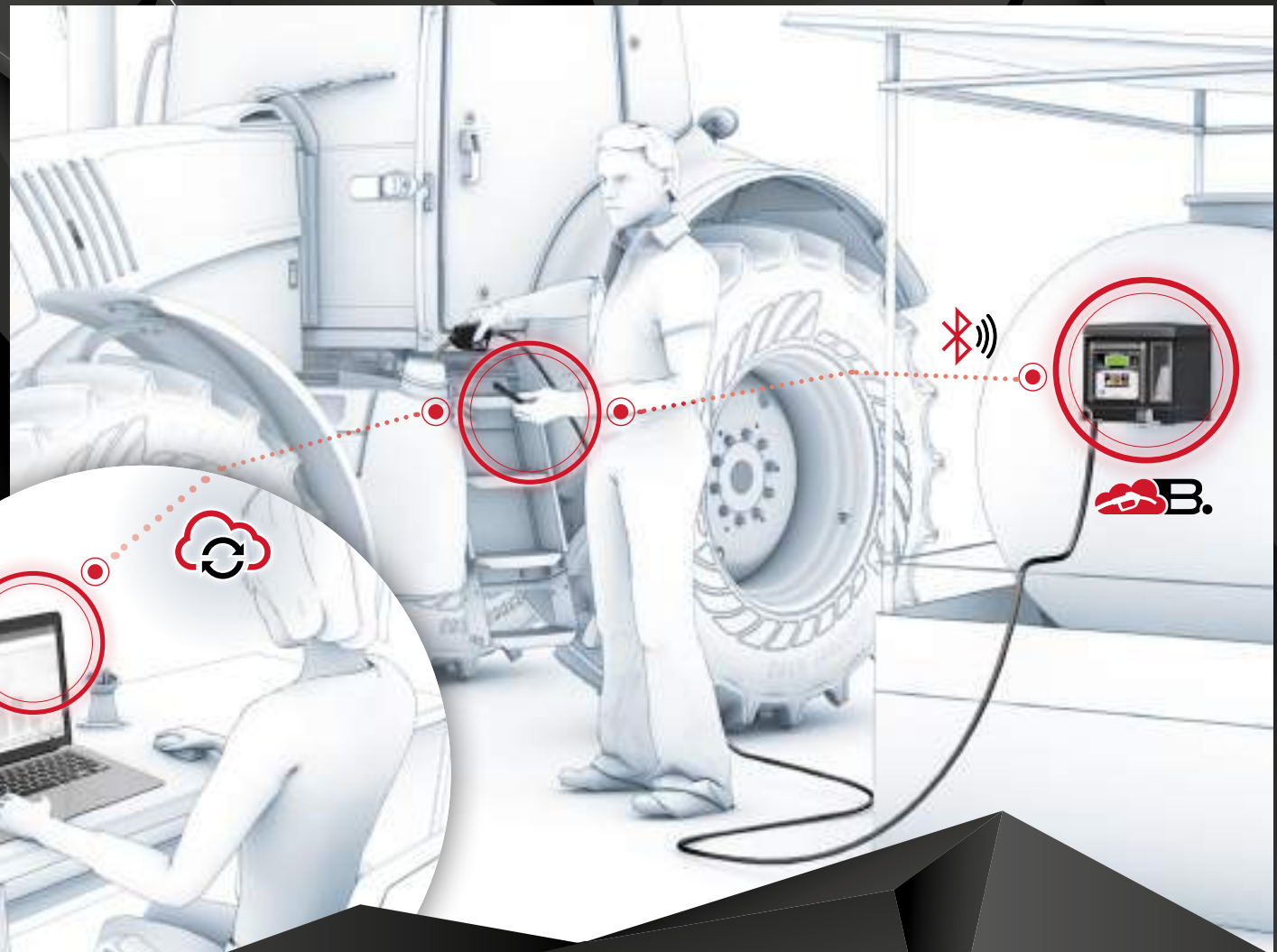
ONE SOFTWARE, MANY DISPENSERS: SUITABLE FOR ANY FLEET SIZE

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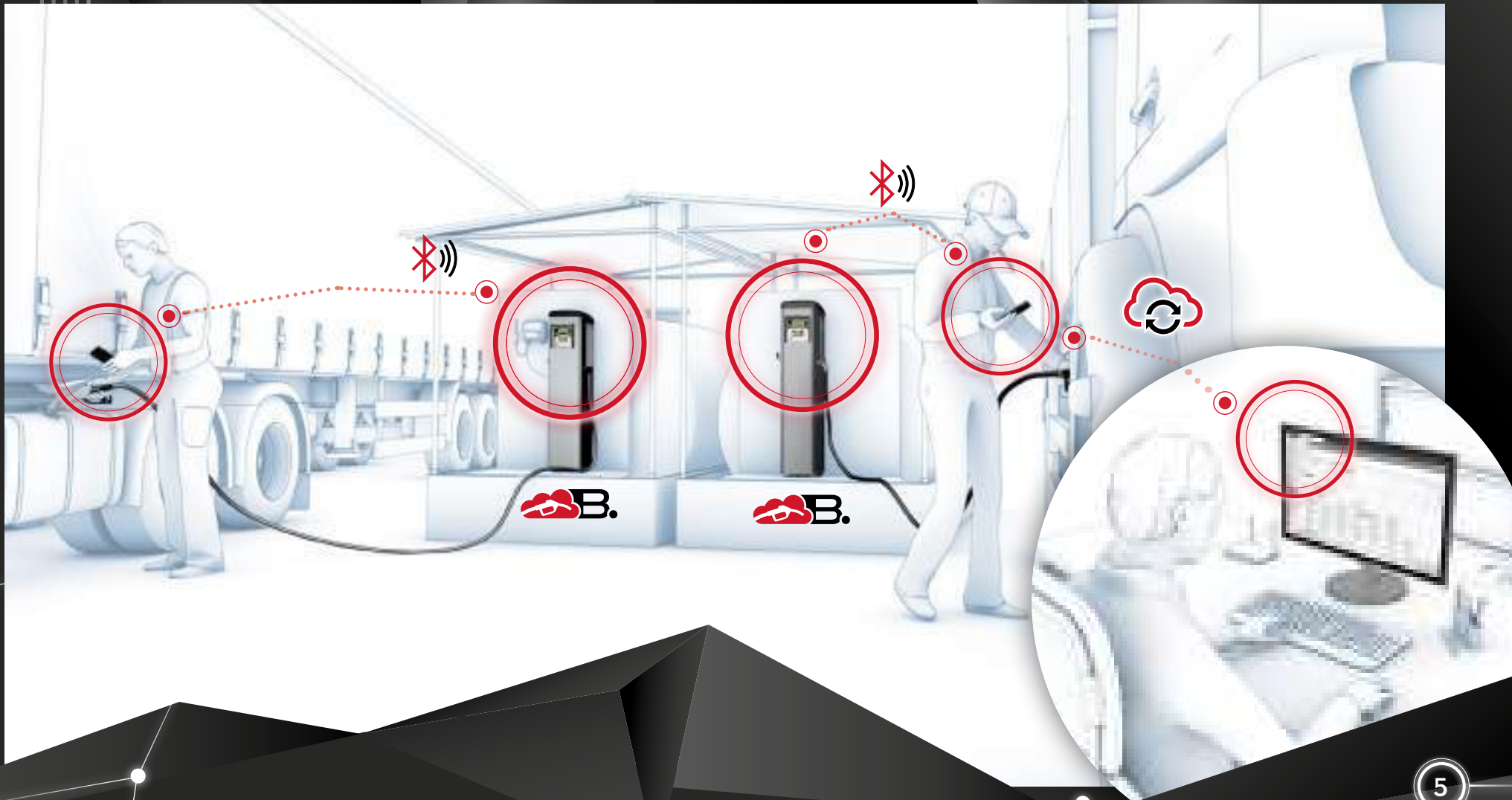
→ EXAMPLE A Single-site installation with one dispenser

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

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page 16

**CUBE AC/DC
B.SMART**



page 17

**SELF SERVICE
AdBlue® B.SMART**



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

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 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

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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

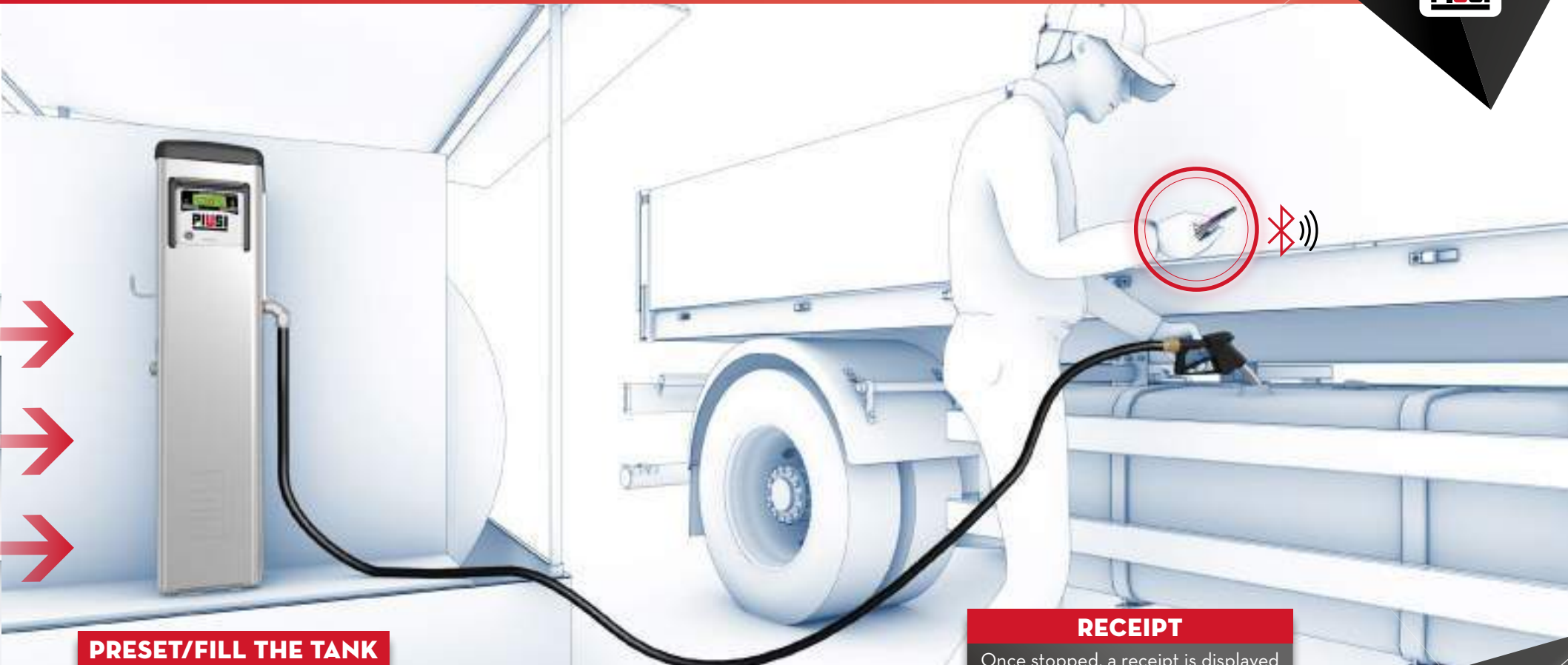
ODOMETER

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

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Available on:



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**



* 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:

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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:

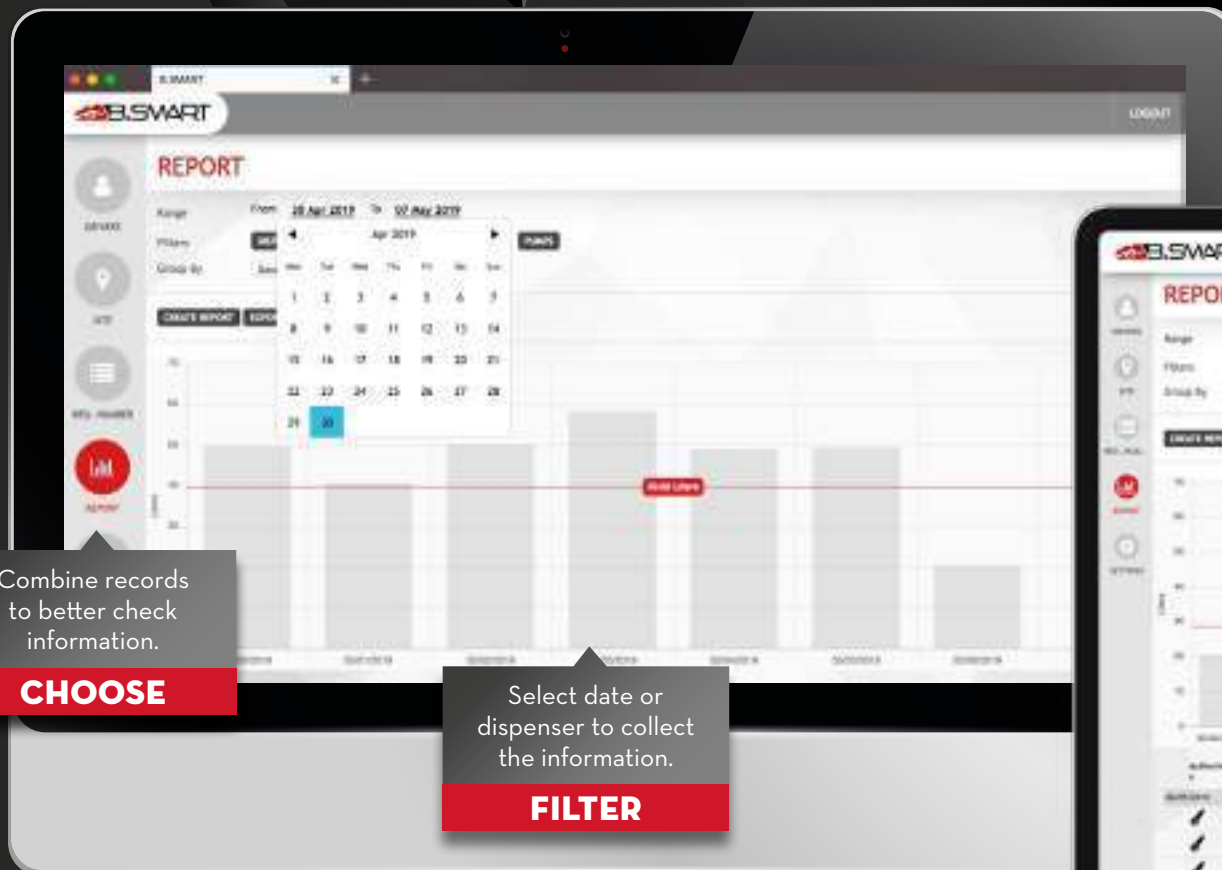
- **Easy installation** procedure
- **Unique code** to identify each site
- **Detailed icons** help to easily identify dispensers for a complete overview of installed devices
- **Avatar** of all drivers

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



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

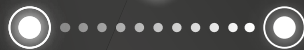
Update information and data in real time*.

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

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CUBE B.SMART

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



➔ 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.



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

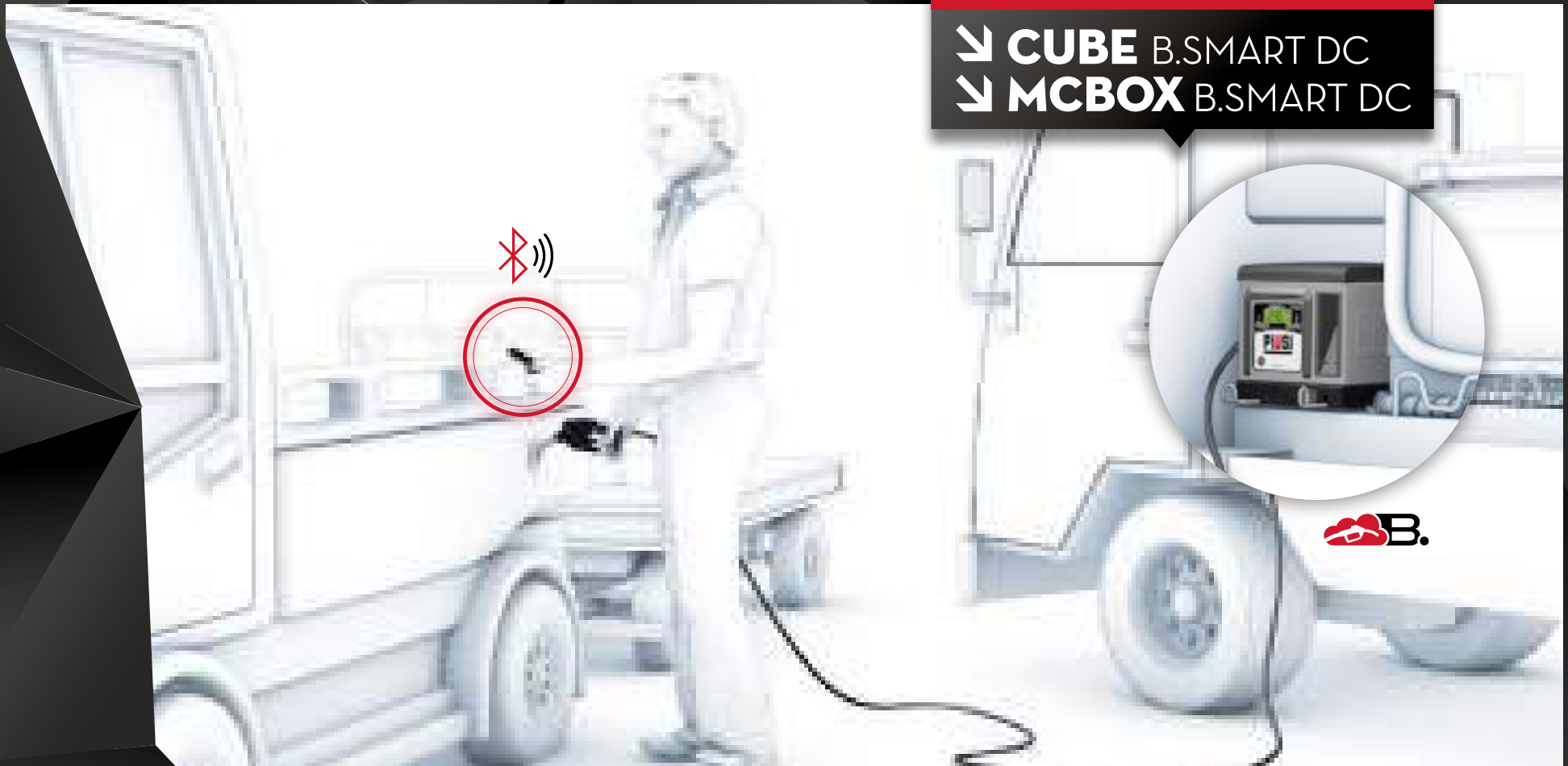
Up to 2 PUMPS

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



AdBlue®



Diesel



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

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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:**



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.



Coming soon

B.SMART ADDITIONAL FEATURES

ADD-ON MAPLY

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The add-on is specifically developed for companies working in construction, mining, excavation, drilling, landscaping or agriculture that want to have all the information at-a-glance including GPS location of fuel dispensing:

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

MAPLY

GEOLOCATION

- Geolocate refuellings and see 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.)



Coming soon

→ 2

MAPLY

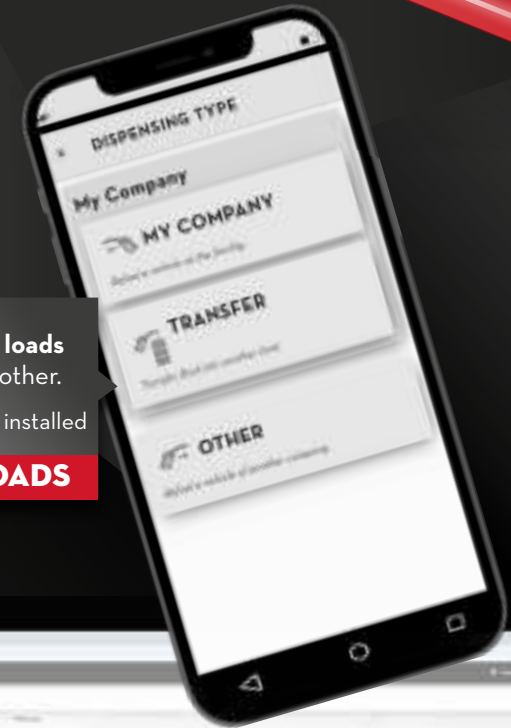
3rd PARTIES VEHICLES REFILLINGS

- Track refuellings not only on your own vehicles but also on **third-party vehicles**
- Send e-mail **notification** and operator's note

Automatically manage **tank loads** from one storage tank to another.

Only with Tank Watchdog add-on installed

AUTOMATIC TANK LOADS

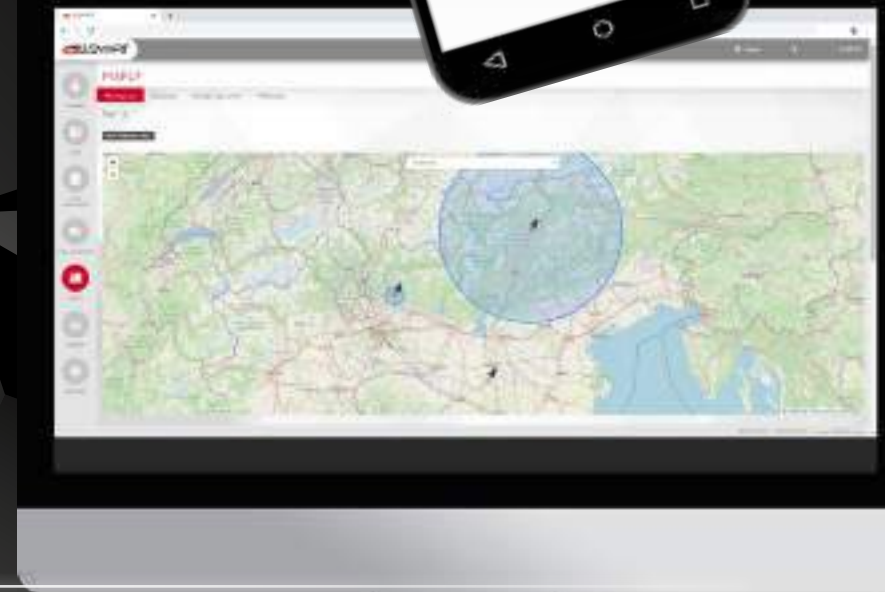


→ 3

MAPLY

GROUP TRANSACTIONS

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





→ 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.
	FOO599000 MCBOX B.SMART • 10 DRIVERS	Any	/	/	230/50	35	6.5
	FOO599200 MCBOX B.SMART 2 PUMPS • 10 DRIVERS	Any	/	/	100/240	35	6.5
	FOO599010 MCBOX B.SMART 12V • 10 DRIVERS	Any	/	/	12	10	50/25
	FOO599060 MCBOX B.SMART 24V • 10 DRIVERS	Any	/	/	24	10	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 AC/DC	 FOO598000 CUBE 70 B.SMART • 10 DRIVERS	D	70	18	230/50	900	4.2
	 FOO598010 CUBE 90 B.SMART • 10 DRIVERS	D	90	24	230/50	900	4.9
	 FOO598A00 CUBE 56 B.SMART 12V • 10 DRIVERS	D	56	15	12	300	35
	 FOO598A10 CUBE 70 B.SMART 24V • 10 DRIVERS	D	70	18	24	420	25




D Diesel **U** AdBlue®

ACCESSORIES

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)

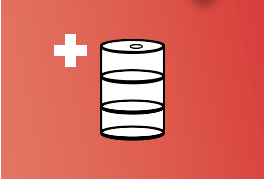

KIT HARDWARE 1.0/2018 UPGRADE

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

PIUSI B.SMART - ACCESSORIES




TANK WATCHDOG ADD-ON

CODE	DESCRIPTION
 ↘ FO0770L00	B.SMART TANK WATCHDOG ADD-ON • 1 YEAR
↘ FO0770L10	B.SMART TANK WATCHDOG ADD-ON • 3 YEAR
↘ FO0770L20	B.SMART TANK WATCHDOG ADD-ON • 1 TIME FEE
 ↘ FO0755220	LEVEL IND. OCIO 2.0 • 230V - 50/60HZ

FUEL ECONOMY ADD-ON

 ↘ FO0770F00	B.SMART FUEL ECONOMY ADD-ON • 1 YEAR
↘ FO0770F10	B.SMART FUEL ECONOMY ADD-ON • 3 YEAR
↘ FO0770F20	B.SMART FUEL ECONOMY ADD-ON • ONE TIME FEE
 ↘ FO0770K00	KIT TANK WATCHDOG + FUEL ECONOMY • 1 YEAR
↘ FO0770K10	KIT TANK WATCHDOG + FUEL ECONOMY • 3 YEAR
↘ FO0770K20	KIT TANK WATCHDOG + FUEL ECONOMY • ONE TIME FEE
 ↘ F17299Q00	B.SMART FUEL ECONOMY • 45 QR CODES

ADD-ON MAPLY

 ↘ AVAILABLE SOON	
↘ AVAILABLE SOON	
↘ AVAILABLE SOON	

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

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The logo features the word "PIUSI" in a bold, white, sans-serif font. A thick white horizontal bar is positioned directly beneath the letters, extending across the width of the text. The background is a dark, abstract geometric pattern of overlapping triangles and polygons, with some points highlighted by small white circles and thin white lines.

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03.23 • EN

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