PIUSI

SSM 2.0®

SELF SERVICE MANAGEMENT

THE COMPLETE SOLUTION FOR OPTIMAL FUEL MANAGEMENT

10.23 · EN

MADE IN ITALY

DISCOVER THE 2.0 SYSTEM **FOR FUEL MANAGEMENT** WITH A TRULY **COMPREHENSIVE** RANGE OF HARDWARE AND SOFTWARE!

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The electronic panel for upgrading your system to level 2.0 using existing equipment

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The indicator used to check the tank level in real time

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The new version of the word-famous PIUSI Cube diesel dispenser

SSM 2.0: OPTIMISE FUEL MANAGEMENT WITH THE SELF SERVICE MANAGEMENT SYSTEM

Regardless of the size of your fleet, the type of vehicles it contains and the type of fuel used, SSM 2.0 will revolutionise and streamline fuel dispensing management, making your operations easier and more profitable.

SSM 2.0 is a solution developed by PIUSI, Europe's leading manufacturer of fluid management systems (for diesel, petrol and AdBlue®) and one of the sector's major players at international level. Founded in 1953, the company operates in 135 countries worldwide, covering global markets with certified, high-quality Italian-made products.

SSM 2.0 REDUCES FUEL COSTS AND MAKES YOUR JOB EASIER

- Receive instant feedback regarding consumption: SSM 2.0 monitors and compares all vehicle consumption figures
- Check the full list of refuellings at a glance
- Always keep fuel levels under control with monitoring in real time
- Improve your everyday operations: the exclusive software used in SSM 2.0 is powerful but easy to use

WHATEVER THE SIZE OF YOUR VEHICLE FLEET, SSM 2.0 IS THE RIGHT SOLUTION FOR YOU

SSM 2.0 is a modular system that incorporates hardware, software and advanced connection systems for data transfer: it is the ideal solution offering the perfect response to the requirements of various company fleets, from the smallest to the very largest, for one or more sites, as illustrated in the examples on the following page.

EXPANDABLE MULTI-SYSTEM
SUITABLE FOR FLEETS OF ALL SIZES

EXAMPLE 1

Installation of **one or more systems** on site with LAN/Wi-Fi network

EXAMPLE 2

Installation of **one or more systems** on site with remote dispensers connected via PW Mobile 4G

LAN/Wi-Fi

On-site and in-office installation

4G (PW mobile)

Remote location

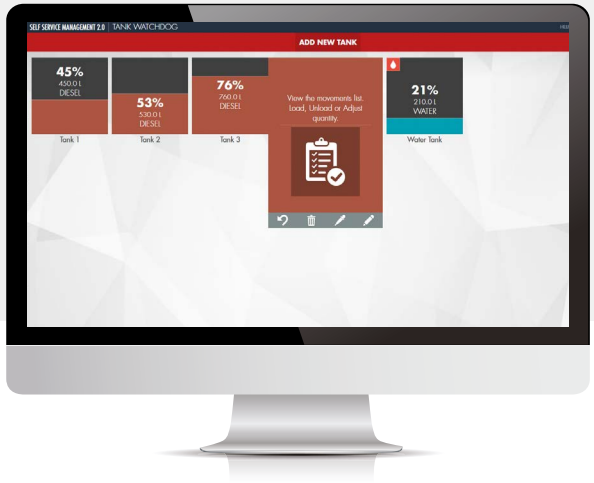
SSM 2.0 SOFTWARE: MANAGEMENT OPTIMISED IN ALL ASPECTS

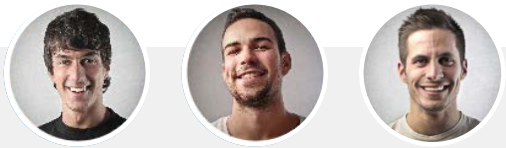
SSM 2.0 allows you to take full control of your fleet, directly from your desk: you can monitor tank fuel levels, check vehicle and driver consumption figures and create detailed reports, thereby reducing costs and maximising profits.

TANK MONITOR

The SSM 2.0 system has an **OCIO 2.0 level indicator.**
This translates into the **real-time monitoring** of the tank liquid level, simply by entering the data relating to the most recent refuelling process.
You can also receive an **alarm** in the event of malfunctions or low levels remaining, **optimise stocks and check their status at any time.** Plus, you can **set the price** for refuelling and the fuel unit value.

- Monitoring in real time
- Value and amount of fluid stock
- Management of fuel suppliers
- Intuitive interface
- Advanced reporting with various customisation parameters
- Option of exporting data in .xls, .csv or .pdf format

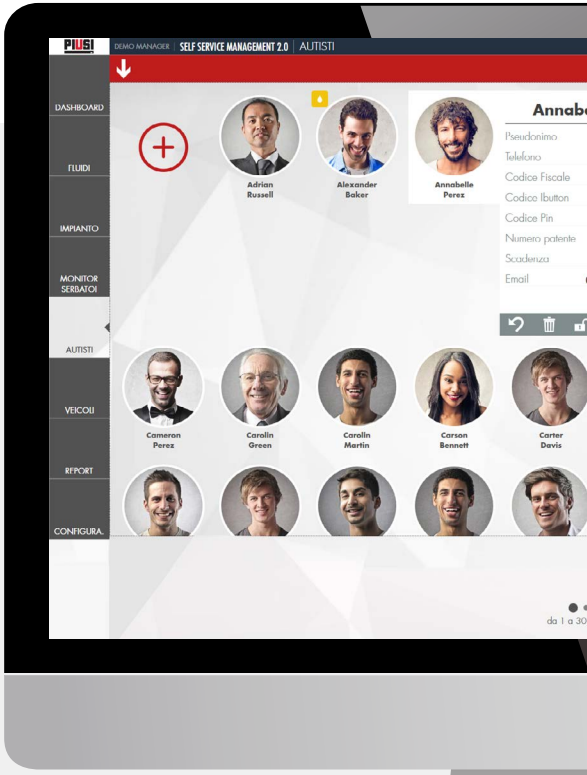


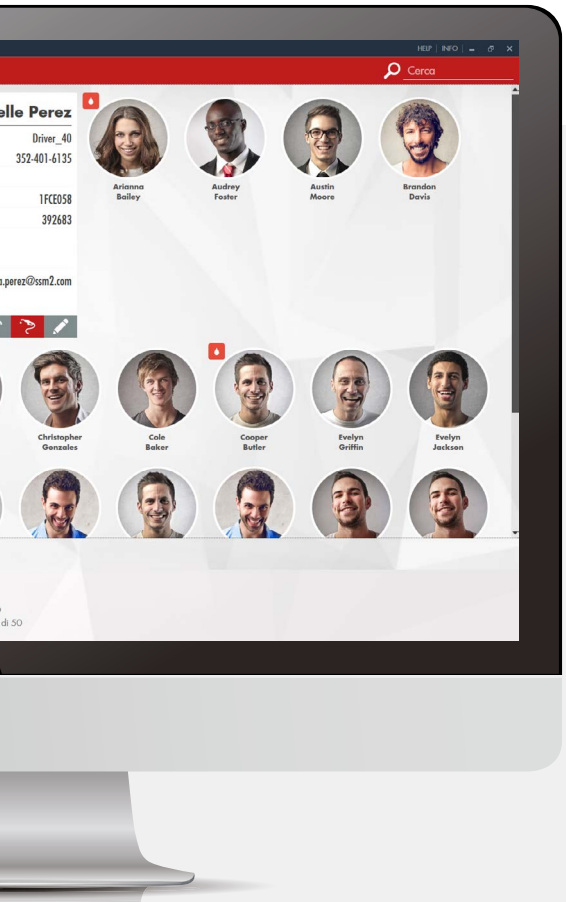


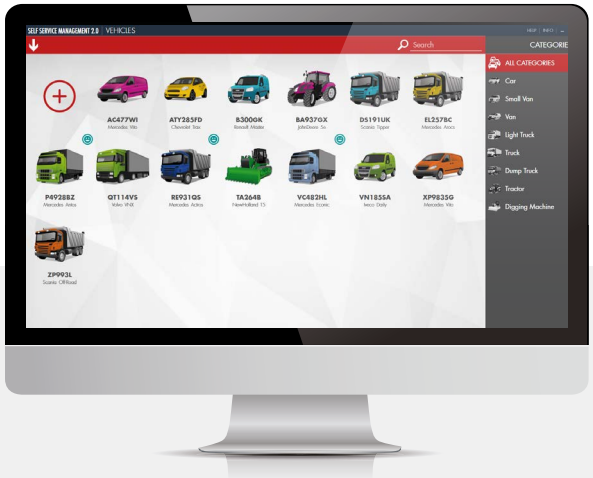
DRIVERS

The SSM 2.0 can be used to **add, edit and disable drivers** in your fleet. The practical **overview** can also be used to search, set selection filters, organise data and select various viewing modes.
You can also **analyse the driving behaviour** of each user using the vehicle keys and, if necessary, you can **set specific limits** for individual drivers, even to the point of suspending dispensing procedures. All of this is even possible for very large fleets, up to a maximum of **1,000 drivers!**

- Option of detecting unusual driver behaviour instantly
- Option of suspending or limiting dispensing to specific users
- Function for limiting the refuelling amount for drivers on a daily, weekly or monthly basis
- Alarms relating to consumption
- Controlled access to your dispensers







VEHICLES

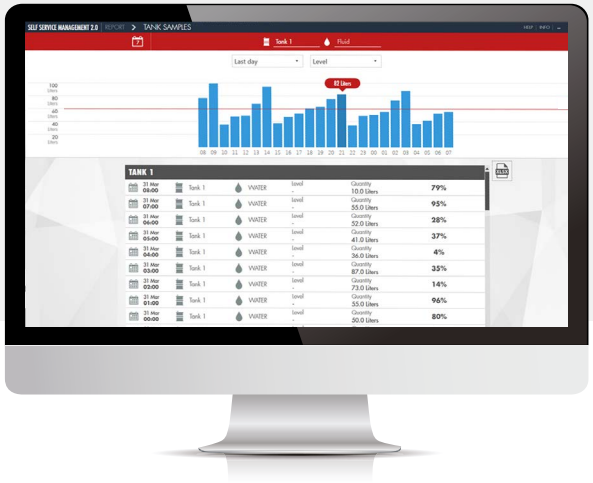
The SSM 2.0 system allows you to easily **add and edit** the vehicles in your fleet,
which you can easily keep constant track of at a glance. You can **group** the **vehicles** according to various options, customising each of them based on a number of categories. Finally, you can **set the vehicle tank size**, setting the standard consumption range, and **disable** refuelling for each individual vehicle.

- Abnormal consumption alarms
- Option of managing the AdBlue® tank for each vehicle
- Simplified visual interface with recognisable vehicle icons
- Highly customisable advanced reporting

REPORTS

With the SSM 2.0 system and its **analysis and reporting tools**, you can always **check the transactions and consumption levels** of each vehicle, driver or category in your fleet. The **different graph types** and the **customisable time intervals** will help you to keep everything under control with the greatest of ease. For each vehicle, for example, you can view the **average consumption** and the **distance travelled,** checking the cost of the consumption per route, while for each driver you can access the list of **dispensing procedures completed.** Dispensing procedures can be arranged on the basis of various filters. The level of every tank can be checked over time.

- Reports are available for tanks, fluid types, drivers, vehicles or categories
- Rapid data processing
- Option of exporting data in .xls, .csv or .pdf format



CHOOSE THE VERSION OF THE SSM 2.0 SOFTWARE THAT SUITS YOU BEST

SSM 2.0 is available in a **full range of versions** developed to offer the best possible solution to the most varied requirements. From small fleets to the largest, the software is optimised to guarantee **high performance** and **ease of use.** Choose from: **SSM 2.0 Entry**, **SSM 2.0 Advanced** or **SSM 2.0 Suite.**

THREE VERSIONS TO SUIT ALL REQUIREMENTS

TECHNICAL SPECIFICATIONS		SSM 2.0 ENTRY	SSM 2.0 ADVANCED	SSM 2.0 SUITE
	DRIVERS	50	250	1,000
	VEHICLES	50	250	1,000
	DISPENSERS	2	4	20
OCIO 2.0	OCIO SUPPORT DEVICES	2	4	20
	DASHBOARD	■	■	■
	AUTOMATIC UPDATES	■	■	■
AdBlue MANAGEMENT	AdBlue® TANK MANAGEMENT	■	■	■

And remember: you can use the software on several workstations by purchasing additional SSM 2.0 CLIENT licences.

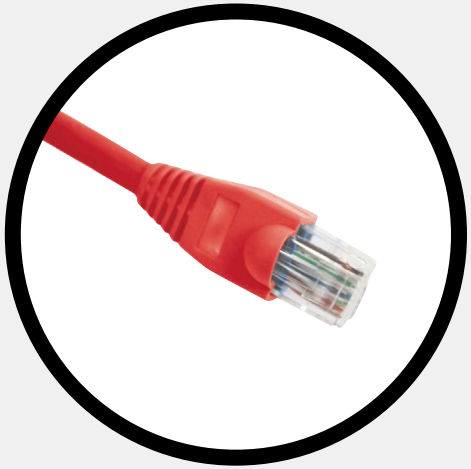
MINIMUM SYSTEM REQUIREMENTS Monitor resolution: 1,280x700 • CPU: Intel® Pentium® 4 or AMD Athlon® 64 processor (2 GHz or more) • RAM: 2 GB • Available hard disk space: 20 GB • Operating system: Windows 10 TH1 1507 or later version, Windows server 2016 or later version • Database: Microsoft SQL 2019 CU16 Express (included in installation)

DATA TRANSFER:
ALL THE POSSIBLE OPTIONS

The SSM 2.0 system adapts easily to all types of installation, thanks to the various data transfer methods used to check and collate all the information relating to the system, in all conditions.

MANAGER KEY

This is the ideal solution for **transferring data from the dispenser to the software** and guarantees **system management if the network drops out or experiences issues.**



PW LAN

Ideal for **local networks,** this is the standard solution for transferring data in real time via **LAN cable.**

PW WI-FI 2.0

Also ideal for **local networks,** this is the wireless solution for transferring data in real time via **Wi-Fi.**

PW MOBILE 4G

This is the solution allowing **remote 4G data transmission, anywhere,** even without a LAN or Wi-Fi network. It is the ideal choice for connecting 2.0 devices anywhere in the world.

HARDWARE 2.0: ABOUT THE DISPENSING DEVICES THAT ARE COMPATIBLE WITH SSM 2.0

SSM 2.0 only works with the Self Service 2.0 range of dispensing devices.

ADVANTAGES OF THE RANGE

- The highest levels of technical performance and reliability, from a single supplier
- Two-way communication between the dispenser and the PC
- Built-in LAN connection
- Made in Italy, PIUSI quality guaranteed

SELF SERVICE MC 2.0 FOR ADBLUE®

The **dispenser specifically designed for AdBlue®** to ensure the quality of the dispensed product remains unchanged.

- Flow rate up to 26 l/min
- Accuracy: +/- 1%
- Built-in PIUSI 3D AdBlue® filter
- Built-in LAN connection
- Noise level <75 dB
- SB325_X patented automatic nozzle with break-away

SELF SERVICE FM 2.0

The **all-in-one device** showcasing the **most advanced technology** in the range of PIUSI dispensers.

- Flow rate up to 90 l/min
- Accuracy: +/- 0.5%
- Built-in LAN connection
- Noise level <75 dB
- PIUSI WATER CAPTOR filter included
- Built-in nozzle contact
- Built-in OCIO tank level indicator
- Printer

MCBOX 2.0

The **electronic panel** that can be used to control any AC pump, pulse meter, nozzle contact and tank level indicator: it allows you to **upgrade your system to 2.0 using your existing equipment.**

OCIO 2.0

The **cutting-edge tank level indicator** allows you to check the tank level in real time via the device itself or via PC. It consists of an **electronic device** (LAN or Wi-Fi) and a **probe** to be positioned in the tank.

SELF SERVICE MC 2.0

The perfect solution if you need a **complete diesel dispenser.**

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

CUBE MC 2.0

The **updated version** of the world-renowned PIUSI Cube, which optimises fuel transfer, dispensing and monitoring. It can be **wall- or pedestal-mounted** (optional).

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

MANAGE YOUR FLEET EASILY AND EFFICIENTLY: CHOOSE SSM 2.0!

Self Service Management 2.0 is the fuel management system created by PIUSI which is available throughout the world via a professional network of authorised dealers.
Contact your local partners or contact PIUSI directly to customise your SSM 2.0 system.

Find out more about SSM 2.0

PRODUCT RANGE

DISPENSERS

PART NUMBER	DESCRIPTION	FLUIDS	FLOW		ABSORPTION		
			l/min	g/m	AC V/Hz	Wattage	Max. Amps
F0059600A	**CUBE 70 MC 2.0**	Diesel	70	18	230/50	900	4.9
F0059610A	**CUBE 90 MC 2.0**	Diesel	90	24	230/50	900	4.9
F0074301O	**SERVICE 100 FM 2.0**	Diesel, B20 with 20% concentration of diesel	90	24	230/50	1,150	5.7
F0074302A	**SELF SERVICE 100 MC 2.0**	Diesel, B20 with 20% concentration of diesel	90	24	230/50	1,150	5.7
F0074306O	**SELF SERVICE 70 MC 2.0** for AdBlue®	AdBlue®	32	9	230/50	400	1.95
F0059701A	**MCBOX LAN 2.0**	All types of fluid	-	-	230/50	35	6.5

SELF SERVICE MANAGEMENT 2.0

USB CODE	DESCRIPTION
F0077205O	**SSM 2.0 ENTRY**
F0077202A	**SSM 2.0 ADVANCED**
F0077204A	**SSM 2.0 SUITE**
F0077200O	**SSM 2.0 CLIENT***

WEB CODE	DESCRIPTION
F0077225O	**SSM 2.0 ENTRY** • WEB EDITION
F0077222A	**SSM 2.0 ADVANCED** • WEB EDITION
F0077224A	**SSM 2.0 SUITE** • WEB EDITION
F0077220O	**SSM 2.0 CLIENT*** • WEB EDITION

* Purchasing additional Client licences makes it possible to use the various Self Service Management 2.0 versions in several workstations.

CONNECTIONS

WEB CODE	DESCRIPTION
F20552O1O	**MANAGER KEY 2.0**
F0077222A	**SELF SERVICE 2.0 KEY READER KIT**

WEB CODE	DESCRIPTION
F1271012A	**PW WIFI 2.0**
F12710140	**PW MOBILE 4G**

UPGRADE KIT

The 2.0 product range requires the use of Self Service Management 2.0 software. Simply replace the SS FM and SS MC electronics card to allow the dispensers to communicate with the 2.0 system. Optimum electrical and mechanical compatibility, all the advantages of 2.0 and no issues.

PART NUMBER	DESCRIPTION
SS MC LAN F19225OOO	**SELF SERVICE MC UPGRADE KIT**
SS FM LAN F19226OOO	**SELF SERVICE FM UPGRADE KIT**

ACCESSORIES

PART NUMBER	DESCRIPTION
F15904OOO	**USER KEY** (yellow key • 10 pcs)
F17299OOO	**VEHICLE KEY** (blue key • 10 pcs)
F12708OOC	**PEDESTAL** (Cube)
R12737OOO	**WALL KIT SUPPORT** (Cube)

OCIO

PART NUMBER	DESCRIPTION
F0075526O	**OCIO 2.0 LAN LEVEL IND.**
F0075521A	**OCIO 2.0 Wi-Fi LEVEL IND.**
F0075522O	**OCIO 2.0 RS485 LEVEL IND.**

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