



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

AGILIS

Self Commissioning Guide





AGILIS Self Commissioning Guide

System Requirements



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

- Self Service AGILIS software is NOT compatible with any APPLE PC's – even in emulation mode.
- Select a stand alone machine to host the Self Service software, not a server.
- TCP Ports to be open on firewall if discovery does not function – UDP 12350 TCP 12345.
- Ensure the machine can be backed up regularly to ensure safe storage of your refuelling data.
- The PC will connect to the PIUSI licensing servers every 10 days for license verification.
- Refer to the pump manual for fluid connections and minimum sizes and distances.

MINIMUM SYSTEM REQUIREMENTS

Monitor resolution: 1280x700,

CPU: Intel® Pentium® 4 or AMD Athlon® 64 processor (2 GHz or higher), No Apple Computers are supported even in emulation mode

RAM: 6GB,

Operating system: -Windows 10 TH1 1507 or later

Database: Microsoft SQL 2019 CUI6 Express (included in the installation),

20 GB of available hard-disk space (cannot install on removable flash storage devices),

Internet connection and registration are necessary for required software activation (only for Web Edition), membership validation, software updates and access to online services.

Windows 7 end of life on January 14th 2020

SQL 2012 ended support on July 22nd 2022

- Go to the pump and press # and 9 keys together to view the 6 digit system serial number and record it.

SERIAL NUMBER



AGILIS Self Commissioning Guide

Introduction



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

Before beginning a commissioning the customer must decide which of the two scenarios best suits the way they wish to use the pump and record the refuelling information.

	Scenario	Pros & Cons
1	<p>Each Driver has a key.</p> <p>Each Driver enters the Vehicle Registration</p> <p>Each driver enters the Vehicle Odometer reading.</p> <p>Each Driver can also have a PIN number to draw fuel if required, if their own key is not available. (This is not a dual entry system)</p>	<p>View who filled up each vehicle and the corresponding date and time.</p> <p>Possibility for Vehicle Registration input error.</p> <p>Possibility for Vehicle Odometer input error.</p>
2	<p>Each Vehicle has a key.</p> <p>The system User Name now becomes the Vehicle Registration.</p> <p>Each Driver enters the Vehicle Odometer reading.</p> <p>Possibility to use the Registration field as the Driver name if required.</p>	<p>View the date and time when the vehicle filled up.</p> <p>No Vehicle Registration input errors.</p> <p>Possibility for Vehicle Odometer input error.</p> <p>Possibility for Driver name input error.</p> <p>System Manager can't see who filled up if the Driver does not enter a name in the Registration field.</p>



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

1. INTRODUCTION

This manual describes the operation of the AGILIS Self Service Management software permitting the management of dispensing data collected from a maximum order of 16 Self Service stations.

This software allows the user to save each individual dispensing operation performed from the Self Service stations to PC and view detailed reports.

It allows data exports in compliance with Spanish tax agency laws for the purposes of refund certification for some types of fluids paid by companies.

The AGILIS Self Service Management components are:

1. AGILIS Self Service Management Software

Software application that permits desk-based management and data processing, which includes:

SERVICE (installed as SSMASERVICE system service), the software that dialogues with each device without any intervention by the operator, collecting and continuously processing all system data and guaranteeing the synchronisation of information.

CLIENT, the software to which users can connect for interfacing with the system and carrying out all operations for scheduling and monitoring work and the site.

2. Piusi fuel Dispensers

Range of fuel dispensers supported by the software are:



- CUBE
- SELF SERVICE
- SELF SERVICE ADBLUE
- MC BOX



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

2. TECHNICAL SPECIFICATIONS

2.1 SYSTEM REQUIREMENTS

Monitor resolutions:	1280x700
CPU:	Intel® Pentium® 4 or AMD Athlon® 64 processor (2 GHz or higher)
RAM:	2GB
Free space on hard disk:	20 GB
Operating system:	Windows 10 TH11507 or later, Windows Server 2016 or later
Database:	Microsoft SQL 2019 CU16 Express (included in the installation)

The system must meet the requirements to support SQL Server 2019 CU16 Express, present at the link: <https://docs.microsoft.com/en-US/sql/sql-server/install/hardware-and-software-requirements-for-installing-sql-server-2019?view=sql-server-ver16>

ADDITIONAL REQUIREMENTS

- An internet connection is required for software operation in the WEB version, to activate the product and ensure constant updates to new versions.
- For correct use of a PW Mobile in the site, a PC is required with stable internet connection plus a two-way "Machine to Machine" SIM with active data plan to insert in the PW Mobile and with SIM PIN deactivated.

Warning:

The system min. requirements might undergo changes over time, following the continuous development and improvement of the software.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

3. CONTENT OF THE KIT

The AGILIS SELF SERVICE MANAGEMENT software can be purchased with a single licence and is distributed as follows:

KIT WITH USB KEY - The software comes in a package with a single USB key for storage. The USB key contains the installation file setup.exe. It is recommended to pay maximum attention to the filing of serial numbers written on the labels of the package and on the USB key. Note that the software can be used only when the USB key is connected to the PC.

Do not tamper with or remove the content of the key.

KIT WITH WEB DOWNLOAD - the software is supplied through the service portal of the PIUSI client. Accessing the services for the clients in the piusi.com website, you can download the installation kit and manage the relevant user licences and activation codes.

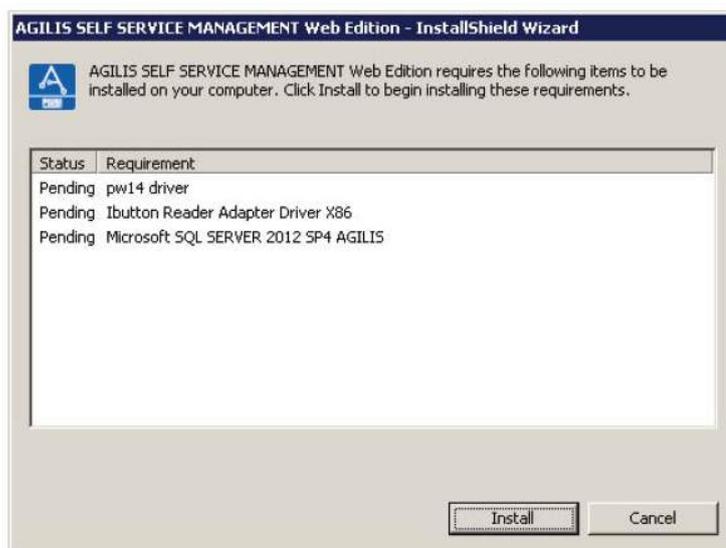
3.1 SOFTWARE INSTALLATION

Run the setup.exe file to proceed.

REQUIREMENT CHECK

When the procedure is started, the requisites for correct use of the software are checked. The iButton reader drivers, PW-14 adapter drivers and Microsoft SQL Server 2019 CU16 Express database should be installed.

For correct installation, connect the PW- 14 adapter and iButton reader only after installing the drivers.





PIUSI

AGILIS Self Commissioning Guide

Piusi Instructions Manual

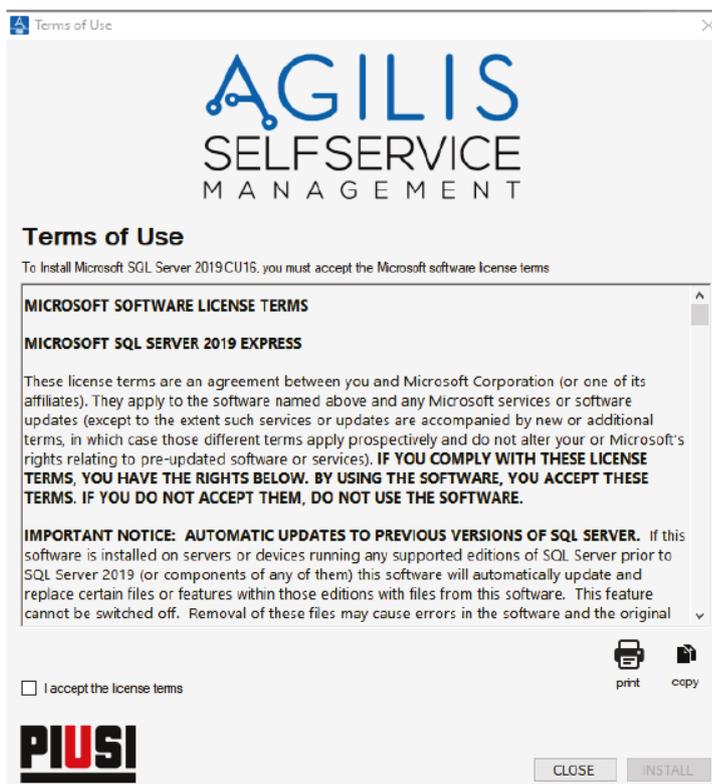


No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

MICROSOFT SQL SERVER 2019 CU16 INSTALLATION

Accept the use conditions of Microsoft SQL
SERVER 2019 CU16

Express to install the PIUSI database
necessary for using the software. The
installation may require a few minutes.





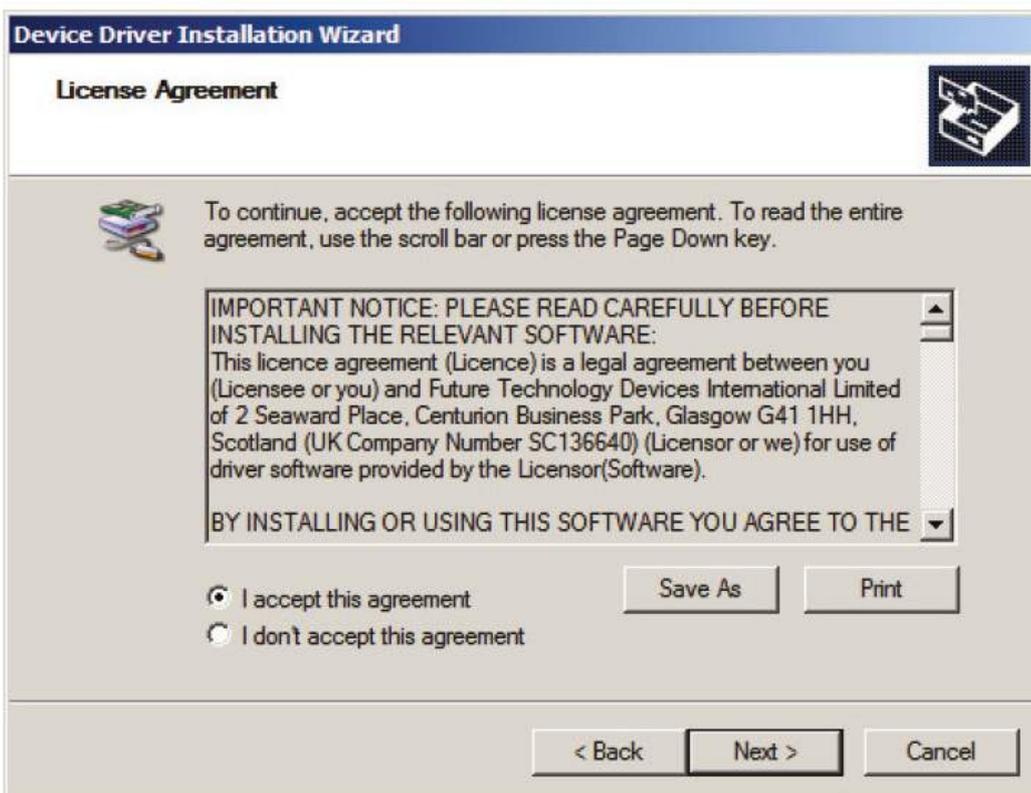
AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

PW-14 ADAPTER DRIVER INSTALLATION



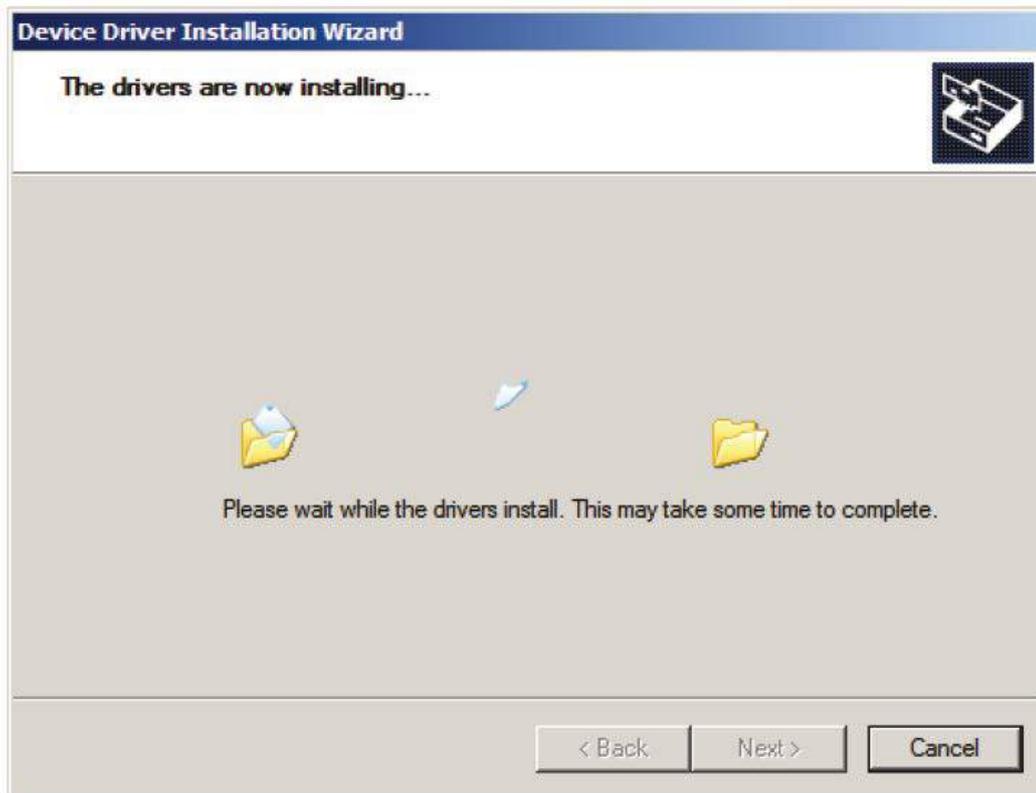


AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023



After installation, the PW-14 adapter can be connected to the PC.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

START OF AGILIS SELF SERVICE MANAGEMENT INSTALLATION

The following screen informs the user about the installation operations he/she is going to authorise.

Press NEXT to continue or CANCEL.

GENERAL USER'S LICENSE CONDITIONS

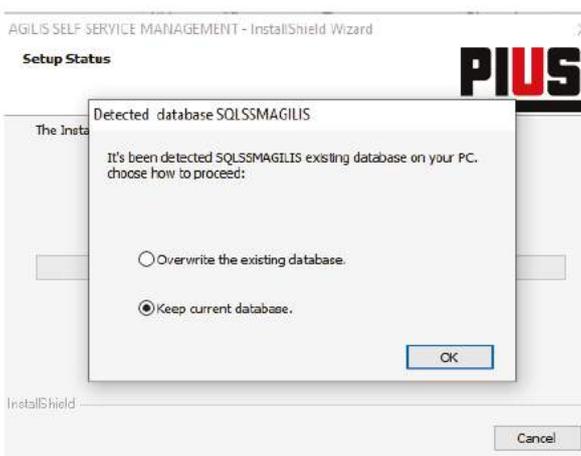
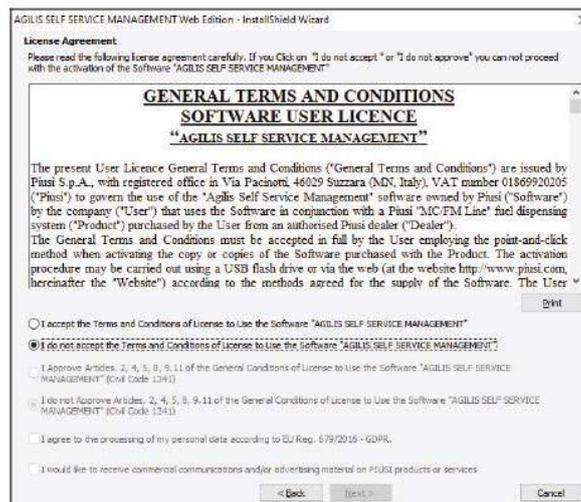
Read the terms of the General User's License Conditions for the software AGILIS SELF SERVICE MANAGEMENT. To continue installation, you need to accept the conditions and approve the articles as required.

Optionally, you can decide whether to receive commercial communications while using the software (see chapter 10.2 to activate/deactivate the function from the software).

INSTALL SHIELD WIZARD

Confirm the selections to continue with the final installation and file copy.

In case of a future installation of AGILIS SELF SERVICE MANAGEMENT you need to decide if you want to keep the current database or restart with an empty one. Caution, if you want to overwrite the previous database and load a new, empty one, all previous data is lost and can be recovered only through a backup.





AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

CREDENTIAL LOGIN

Provide a username and a password for the administrator to be used as credentials at the login for the start-up. Other users can be easily created after accessing the software.

Enter a username here that you will use to login to the software.

Record this username and password.

The screenshot shows the 'InstallShield Wizard' window. It contains the following text: 'Logon credentials are necessary to continue. To continue you must provide the administrator user's logon credentials.' Below this are three input fields: 'Username (6 character at least):', 'Password (8 character at least):', and 'Repeat Password:'. At the bottom right, there are '< Back' and 'Next >' buttons.

SHORTCUT PREFERENCES

Define which software shortcuts you want to create in your site.

CONFIRM INSTALLATION AND RESTART

After the procedure, the interface confirms the operations asking the user to restart the computer before running the program. It is always advisable to restart the PC at the end of the installation process.

NOTE: Software can be uninstalled using the OS functions. To uninstall the software, just press control panel > Programs > Uninstall a program.

The screenshot shows the 'AGILIS SELF SERVICE MANAGEMENT - InstallShield Wizard' window. The title bar includes the PIUSI logo. The main text reads: 'Create desktop and programs menu shortcut'. Below this, it says 'Select the shortcut to create:' followed by two checked checkboxes: 'Create desktop shortcut.' and 'Create programs menu shortcut.'. At the bottom, there are '< Back', 'Next >', and 'Cancel' buttons.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

4. FIRST USE

4.1 FIRST ACTIVATION



Once installed, run the software using the  icon on the desktop. At the first activation, the product code and the email address used for registering the product on the portal are requested.

See below:

ACTIVATION

Insert E-Mail and Product Key
Before using AGILIS SELF SERVICE
MANAGEMENT, insert your email and
product key

E-Mail

↻

In the case of the USB version, the code to enter is printed on the package. In the case of the WEB version, it is sent by PIUSI by email.

Enter the SAME email address that you used to register yourself on the Piusi Portal.

Then enter the WS license code or US number.



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

5. LOGIN and INTERFACE

5.1 LOGIN

To access the software, double click on the AGILIS Self Service Management icon on the desktop. After a few seconds, the login interface on the right is displayed.

Enter your personal details: username and password, then press Enter in the keyboard or use the  button.

The  button can be used to help the user to remember the password while logging in. The password reminder is effective from the second login.

The screenshot shows the login interface for AGILIS SELF SERVICE MANAGEMENT. It features a light blue background with the company logo at the top. Below the logo are two input fields: 'User' (with a person icon) and 'Password' (with a key icon). To the right of the password field is a 'Remember me' checkbox. Below the password field is a link that says 'Forgot your password?'. At the bottom of the interface is a dark blue bar containing a back arrow icon on the left and a checkmark icon on the right.

5.2 CREDENTIALS RECOVERY

Start the recovery procedure by pressing the 'Forgot your password' button to recover the administrator user's access credentials. Enter the email of the portal user (used to register the product on the Piusi portal) and press  to receive an email containing the administrator user's access password (the one created during the software installation phase).

Caution: You must have registered the product on the Piusi portal and have an internet connection to perform this procedure.

Details on registering via the Piusi portal can be found in this document.

The screenshot shows the password recovery interface for AGILIS SELF SERVICE MANAGEMENT. It features a light blue background with the company logo at the top. Below the logo is a text block that reads: 'In order to recover your password, you have to register in the **Piusi Portal** with the following **Product Key** and your mail address'. Below this text is a 'Product Key' (PK) field containing the value 'US1A, 3 1000 0000'. Below the PK field is another text block that reads: 'Once you have registered in the portal, confirm or edit your mail address and then press the **OK** button'. Below this text is an 'email' input field. At the bottom of the interface is a dark blue bar containing a back arrow icon on the left and a checkmark icon on the right.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

5.3 INTRODUCTION TO THE INTERFACE

The interface of the AGILIS SELF SERVICE MANAGEMENT Software has been developed to offer a simple utilisation experience, to improve daily workout without complicated manoeuvres. The basic parts to know before reading the manual in all its sections are the following:



A. HEADING - shows company logo and INFO button to enter the sub-menu for displaying the software version and license information, activating the product and checking for new updates (see chapter 11). Also, HELP button for consulting the software user manual - which can be opened by pressing F1 button on the keyboard.

B. MAIN MENU - The menu is a fundamental part of the software, used to scroll through its functions.

TANKS - For the tank management functions for: entering, editing, deleting and monitoring site tanks; managing product and supplier master data; creating product handling operations on tanks.

SITE - For site management, where fuel dispensers connected and monitored in real time are indicated.

REPORT - For accessing system reports, where dispensing reports can be displayed.

EXPORT - To export information on dispensing operations to file. Pre-configured models are provided for exporting dispensing operations according to the criteria established by the Spanish tax agency.

SETTINGS - For software configuration options, to change language, units of measurement, site



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

owner details, program user data and database backups.

C. FOOTER - Showing server status; 'server ready' for on and working, or 'server down' for off. And the name of the connector user - name of the user authenticated for the current session.

WARNING: For correct operation, server must always be on. If server remains off for too long, check that the SSMASERVICE system service is present and active.

6. TANKS

6.1 OVERVIEW

The tank watchdog section, that can be accessed by pressing the icon of the menu shown here, can be used to describe and manage any tank of the site. It has a simple interface to monitor in real time the exact quantity of fuel left and handle the product for each tank. Up to a maximum of 16 tanks can be managed. Furthermore, this section can be used to manage your supplier and product master data.





AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

A. TANK MAP - List of the added and monitored tanks. Tank detail:

1. Slot number
2. Tank name
3. Product percentage
4. Product quantity - Expressed in litres or gallons according to global site settings, see chapter 10.2.
5. Name of the product contained in the tank.

B. EMPTY SLOT - Press the empty slot to add a new tank for monitoring. Indicate:

1. Name - Chosen by user to identify the device.
2. Tank capacity - Maximum product capacity that the tank can hold.
3. Quantity alarm 1 - The tank quantity that triggers alarm 1 (software alarm, not managed by tank).



Icon appears when a quantity below the indicated alarm threshold is detected.

4. Quantity alarm 2 - The tank quantity that triggers alarm 2 (software alarm, not managed by tank).



Icon appears when a quantity below the indicated alarm threshold is detected.

5. Product - Association of a product with the tank.

C. EDIT TANK PANEL - Hover mouse over a tank already entered in the site to open the edit panel.

On the panel you can choose whether to:

1. Remove the tank
2. Edit tank characteristics
3. Manage your product handling operations - you can access the handling operation history section from here (see chapter 6.2).

D. PRODUCTS MASTER DATA - Press the icon to open the panel from where you can add, edit and delete products in the site.

Press the  button to add a new product. You need to enter:

Name - Identification of the product

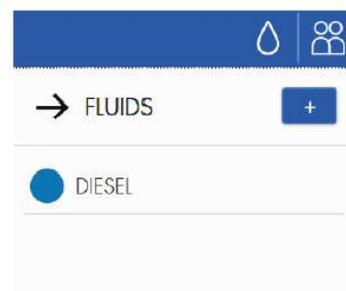
Type - Code identifying the percentage of bio-diesel in the product.

Products with a code other than "000" cannot be reclaimed.

Colour - choose a colour to represent your product.

Reclaimable product - This indicates whether the product is of the GASOLEO A (code "000", 0% bio-diesel) type, i.e. refundable by the tax agency.

To delete a product, open the edit panel by selecting the product from the list and then press 





AGILIS Self Commissioning Guide

Piusi Instruction Manual

E. SUPPLIERS MASTER DATA - Press the icon to open the panel from where you can add, edit and delete suppliers in the site.

Click on the  button to add a new supplier. You need to enter:

Business name

Address

Tax code

CAE code - Univocal supplier code. It is not permitted to enter two suppliers with the same code.

To delete a supplier, open the edit panel by selecting the supplier from the list and then press .



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023





AGILIS Self Commissioning Guide

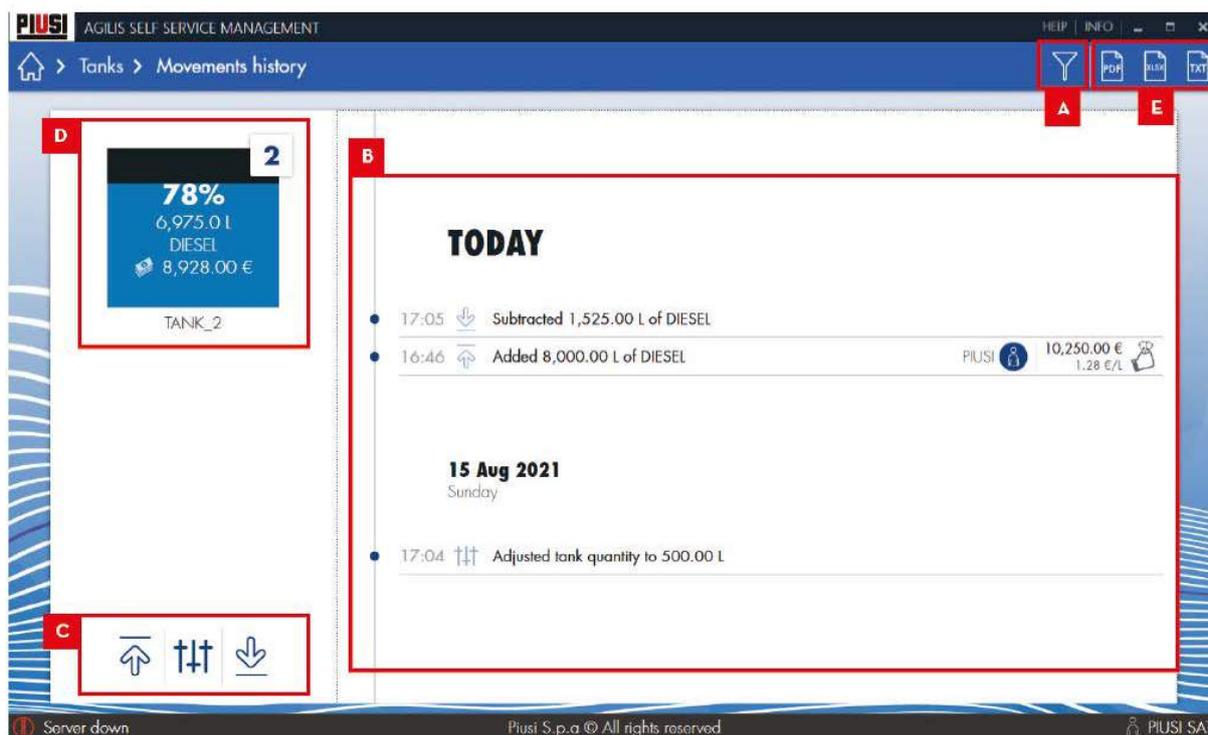
Piusi Instructions Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

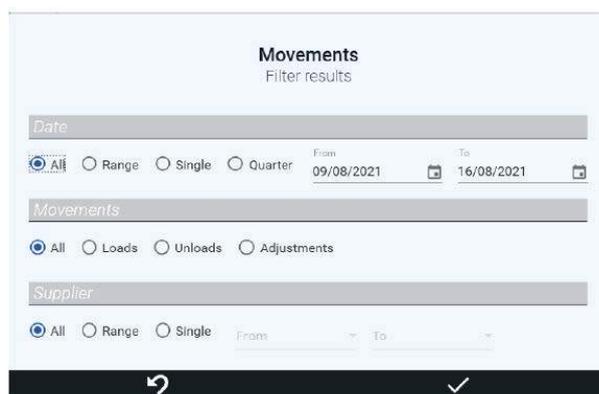
6.2 LIST OF TANK HANDLING OPERATIONS

Press the icon  on the edit tank panel to open the product handling section. You can view, add and export all product handling operations made on the tank from this section.



In detail:

A. FILTERING PANEL - Press the  button to open the filter panel where you can filter the handling operations to be displayed by data, handling type and supplier.



B. LIST OF HANDLING OPERATIONS - List for all loading, unloading and adjustments of the fluid in the tank sorted by time. All handling operations are organised by day and ordered by date/decreasing time.



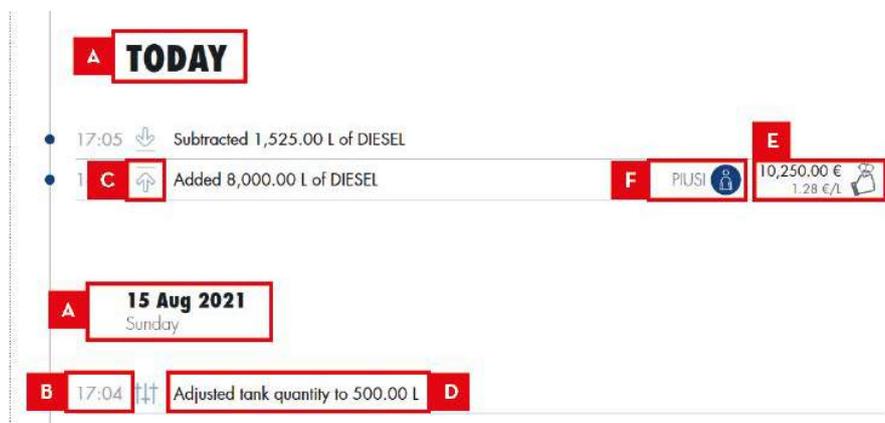
PIUSI

AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023



Each handling is like this:

- a) Day
- b) Time
- c) Handling type - Loading, unloading and level adjustments.
- d) Description of the handling operation - Brief summary of quantity and type of handled fluid.
- e) Total and unit price of the loaded fluid - the total price shows the purchasing price from the supplier and the total quantity of loaded fluid. The unit price is the price paid for 1 litre (or gallon) of loaded fluid; it is calculated dividing the total price for fluid purchase by the amount of loaded fluid. (Data visible for product loads only). At any time you can modify the total price of the load through the following editing panel, wherever you need it:
- f) Initials of the supplier of the loaded fluid (data visible for product loading only).

C. ACTION BUTTONS - These include the registration buttons for a new loading, unloading and level adjustments. The sub menus on the following page allow the described operations to be performed.



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

LOAD

Handling date
 Quantity to load
 Total price for fluid purchase
 Fluid supplier
 Purchase invoice code

UNLOAD

Handling data
 Quantity to unload

ADJUSTMENT

Handling data
 Quantity of fluid tank must reach

D. TANK PANEL - It shows the level and the economic value of the tank on the selected day. Scrolling through the filtered days, the level and the economic value of the tank change depending on the unit price of the loaded fluid multiplied by the quantity of fluid in the displayed day. See illustration.



E. EXPORT - Product handling operations can be exported (filtered according to the selected filtering) to a file:

- PDF
- EXCEL (.xlsx)
- TEXT (.txt) - refer to the 'export handling operations' section for details

It is always possible to edit a previously entered handling operation. Starting from the handling operations list, click on the required handling operation and on the panel that appears you can change the data, time, quantity and total price (only for loading operations). Unloading operations derived from dispensing operations, on the other hand, cannot be changed.



AGILIS Self Commissioning Guide

Piusi Instruction Manual

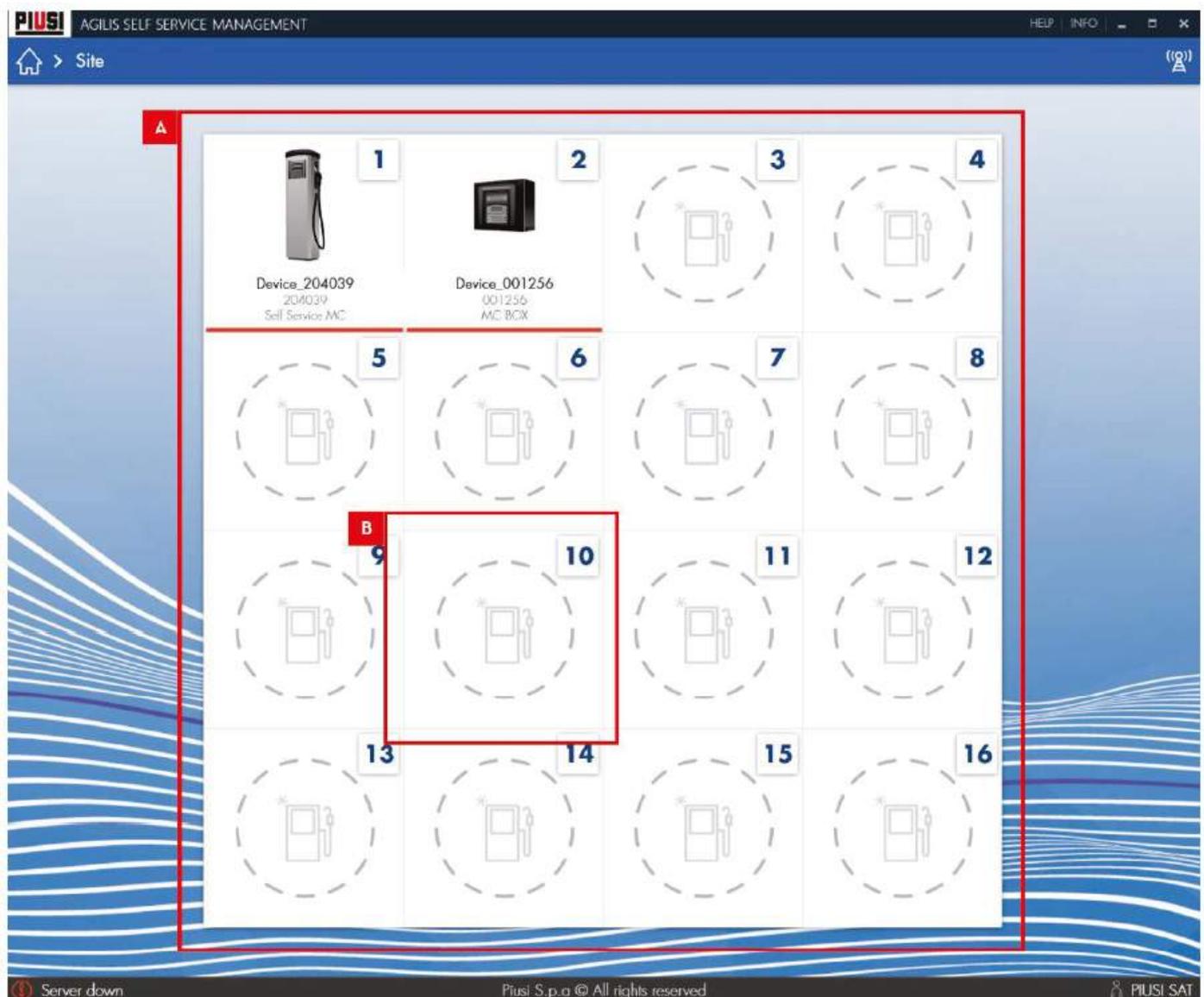


No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

7. SITE

7.1 SITE OVERVIEW

The site can be configured from the SITE section of the program which can be accessed by pressing the menu icon shown to the side. Here you can add, modify and delete site devices and monitor the status of each. Self Service station connected in real time. Up to a maximum of 16 fuel dispensers can be managed. The type of communication protocol used to dialogue with the devices is to be selected in the 'GENERAL SETTINGS' section.





AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

In detail:

A. FUEL DISPENSER MAP - list of the fuel dispensers added and monitored in real time. Fuel dispenser detail.

1. SLOT NUMBER
2. DELETE FUEL DISPENSER - press the button if you want to remove the device from the site.
3. IMAGE
4. NAME
5. SERIAL NUMBER
6. MODEL
7. STATUS - operating status of the device monitored. List of statuses for type of communication.



STATUS FOR COMMUNICATION TYPE	MANAGER KEY	PW-14	PW-LAN	PW-MOBILE
ACTIVE	Management via MANAGER KEY does not envisage a direct connection between fuel dispenser and site, so its status will always be active.	Optimum communication on RS485 bus. Communication stable.	Optimum Ethernet communication. Communication stable/	Optimum mobile communication. Communication stable.
OFFLINE	-	No communication. Fuel dispenser off or PW-14 adapter removed from PC.	No communication. Fuel dispenser off, network cable disconnected or incorrect PW-LAN TCP/IP configuration.	No communication. Device is either off or PW Mobile is not reachable.
BUSY	-	Stable communication; user interacting with device.	Stable communication; user interacting with device.	Stable communication; user interacting with device.
NO COMMUNICATION 	-	-	No communication, but device accessible to the network. Device connected correctly to local network, but server cannot communicate with device controller. Check RS485 wiring.	Communication with panel absent but PW-MOBILE reachable on the network. The server cannot communicate with the device control unit. Check RS485 wiring.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

B. EMPTY SLOT - press the slot to add a new fuel dispenser for monitoring. Indicate:

1. NAME - name chosen by user to identify the device.
2. SERIAL NUMBER - unique device identifier.
3. MODEL

C. TANK - For associating a tank to the fuel dispenser. A tank can be associated to more than one fuel dispenser. Go to "TANKS" to create a new tank (see Chapter 6). Assigning of a tank to a device is not mandatory.

WARNING: The type of communication used to download data from the fuel dispensers is a global setting and must be indicated in the 'GENERAL SETTINGS' section.

Add new dispenser

Device Name

S/N

Dispenser type

MC-BOX

Tank

None

DISCARD

SAVE



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

7.2 DOWNLOADING DATA FROM MANAGER KEY

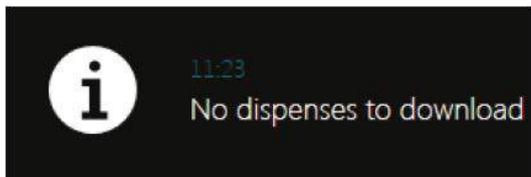
Before proceeding to download the data, ensure that you have registered the MANAGER KEY on each fuel dispenser (see 'Self Service' user manual), added each fuel dispenser in the software and configured the software to operate with 'MANAGER KEY' communication type.

To download the data on the MANAGER KEY, place the key in the key reader or connect the Type-C USB Key and wait for it to be recognised by the software.

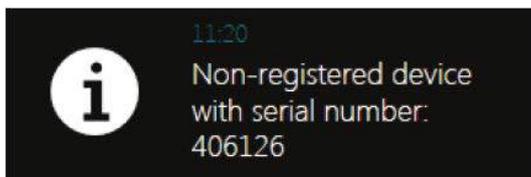
Possible statuses:



Key connected and recognised



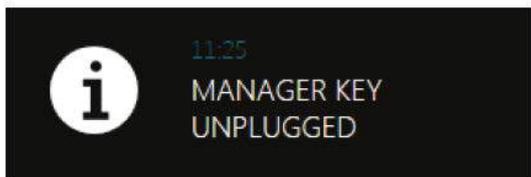
No data to download



Key registered but the data contained does not refer to any device registered in the site. The fuel dispenser must be added to the site (see chapter 7.1)



Key data downloading. The dispensing operations stored in the key are being downloaded. Leave the key inserted in the reader throughout the process.



Key unplugged.

WARNING: To download the data from the key, the AGILIS Self Service Management software must be running and the key reader must be connected to the PC.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

8. REPORT

8.1 OVERVIEW

The REPORT section, which can be accessed by pressing the menu icon shown here, is the area where you can display and export the dispensing reports.



AGILIS SELF SERVICE MANAGEMENT

Report

Total amount dispensed from 14 May 2020 to 17 Aug 2021:
105,573.78 Liters

Date	Hour	Unit	Quantity	Tank	Fluid	Driver	Reg. Number	Odometer	Total Liters
2 FEB 2021	10:30	Device_001...	2	-	-	HENIN		0 Km	18.00 L
	10:05	Device_001...	2	-	-	DH9.878BSV		0 Km	43.32 L
	05:49	Device_001...	2	-	-	MATI		0 Km	22.43 L
1 FEB 2021	12:30	Device_001...	2	-	-	HEIKI		0 Km	0.01 L
	11:31	Device_001...	2	-	-	GERT		0 Km	19.96 L
	11:18	Device_001...	2	-	-	GERT		0 Km	18.86 L
	10:02	Device_001...	2	-	-	DB1.076BSV		0 Km	30.05 L
	08:49	Device_001...	2	-	-	DH10879BSV		0 Km	74.06 L
29 JAN 2021	17:17	Device_001...	2	-	-	044TMT		0 Km	60.88 L
	13:38	Device_001...	2	-	-	DB3.592BST		0 Km	45.05 L
	12:59	Device_001...	2	-	-	HENIN		0 Km	21.15 L
	10:12	Device_001...	2	-	-	DB2.591BST		0 Km	36.57 L
									17.17 L

Server down

Piusi S.p.a. © All rights reserved

PIUSI SAT



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

A. NEW REPORT FILTER MENU - filtering panel to generate a new dispensing report.

SORTING - dispensing operations can be ordered in two different ways and grouped (according to the first sort criterion) by enabling the 'Show Totals' option.

FILTERING - dispensing operations can be filtered by data, unit (dispenser), driver, registration data (number).

B. **CHART** - bar chart representing the amount of product dispensed in the selected temporal range, divided by the applied filters and sorted according to the chosen option (the sort type is shown on the x axis). The horizontal life represents the average amount of product in the selected temporal range taking into account the filtering, if present.

C. **DISPENSING TABLE** - list of the filtered and grouped dispensing operations. Dispensing operations to be displayed are not shown together, but are loaded upon request, as you scroll down the list.

D. **EXPORT TO FILE** - export of the displayed dispensing operations to a file. Exporting to PDF, Excel spreadsheet, and TXT text file is supported. The export includes dispensing operations grouped and filtered according to the grouping and filtering selected by the user.



AGILIS Self Commissioning Guide

Piusi Instruction Manual

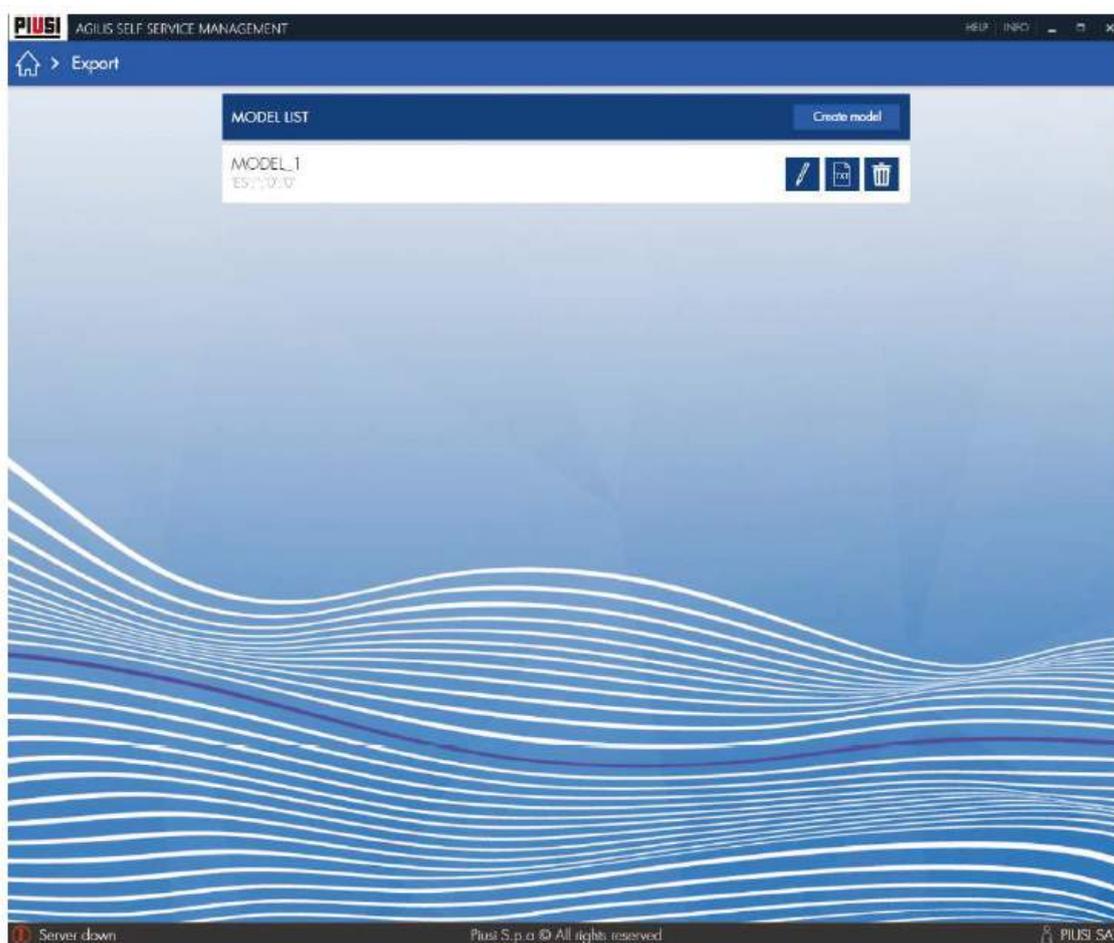


No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

9. EXPORTING

9.1 OVERVIEW

This section is used to configure customised models for exporting dispensing data. The section contains a list of the created models.



The name given to the model and a preview of a possible line in the file are shown for each line. Use the buttons on the right to edit, generate the export and delete the model from the list.





AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

9.2 CREATING A NEW MODEL

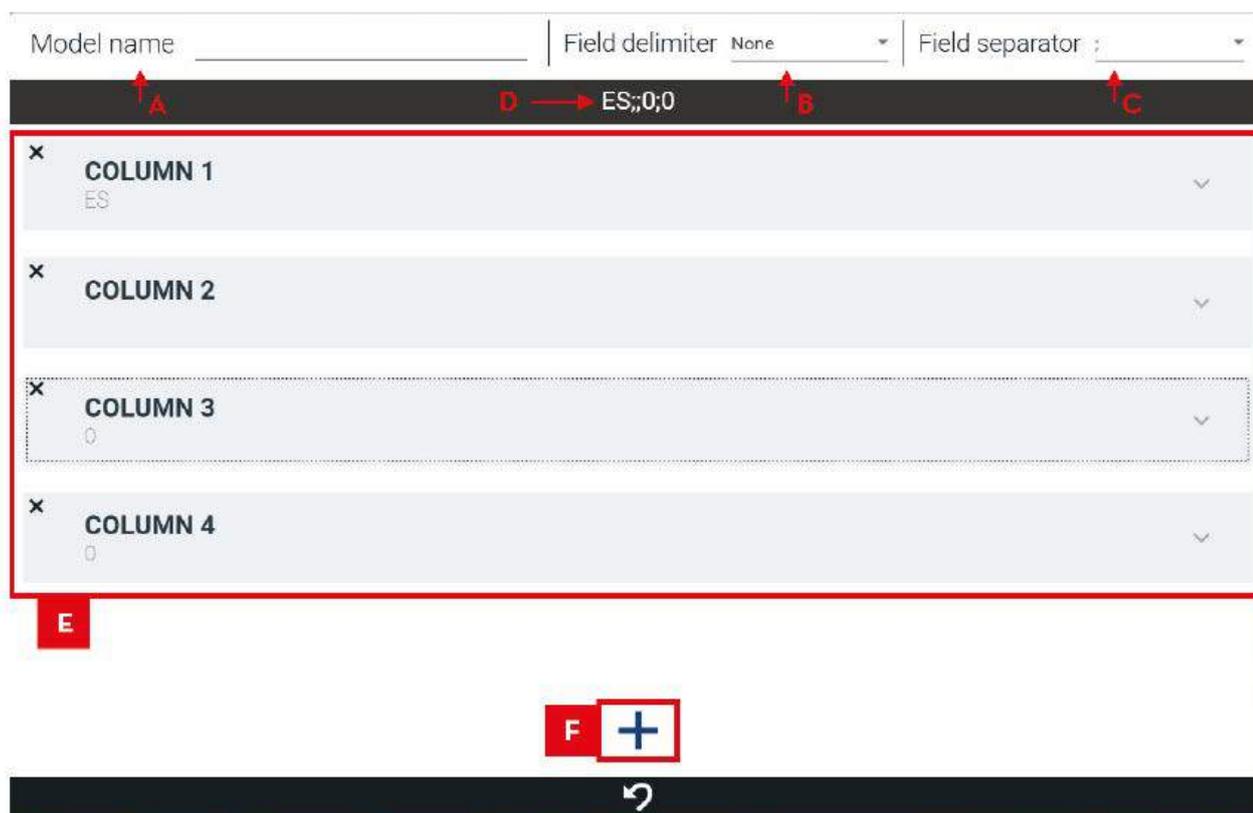
Press the 'Create Model' button to create a new model.



A drop-down list opens, allowing you to choose a model to start from:

- Empty Model - Basic non-configured model
- Gasoleo_V1 - Vehicle mileage export model
- Gasoleo_V2 - Export model for quarterly unloading operations

The export model configuration screen opens after selecting the model.



- A. Model Name - For identifying the model (when exporting it will also be the name the file will have).
- B. Field Delimiter - This is the character that identifies the beginning and end of a field.
- C. Field Separator - This is the character that separates fields from each other.
- D. Preview - This shows how a line of the file is formed.
- E. List of columns to be exported.
- F. Button for adding a new column to the model.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

9.3 CREATING A NEW COLUMN IN THE MODEL

A column consists of a customised set of one or more fields. The total value of the column is given by the concatenation of the values of its component fields.

After creating a column, press the **Add field** button to add a new field.

A field can be of three different types:

- Database: This takes the value of a column of your choice from a database table. Available tables:
 - Dispensing operations
 - Fluids
 - Tanks
 - Fuel dispensers

The screenshot shows a dialog box titled 'Field source' with three tabs: 'Database', 'Static', and 'Progressive'. The 'Database' tab is selected. Below the tabs, there are two dropdown menus: 'Object' with 'DISPENSES' selected and 'Value' with 'Date' selected. At the bottom, there is an 'Advanced options' section with a downward arrow.

- Static Constant Value

The screenshot shows the 'Field source' dialog box with the 'Static' tab selected. The 'Object' and 'Value' dropdown menus are present but empty. The 'Advanced options' section is at the bottom.

- Progressive: Numeric value that increases at each line the exported file.

The screenshot shows the 'Field source' dialog box with the 'Progressive' tab selected. The 'Object' and 'Value' dropdown menus are present but empty. The 'Advanced options' section is at the bottom.

An advanced option is provided to define the starting value of the count for progressive fields.



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

A number of advanced configurations can also be applied to each field type:

- Date and Time Formatting - This can only be applied to date type database fields. For this type of field, it is possible to decide on the format.

The screenshot shows a configuration window with a close button (X) in the top left. It features three tabs: 'Database' (selected), 'Static', and 'Progressive'. The 'Field source' is set to 'Database'. The 'Object' is 'DISPENSES' and the 'Value' is 'Date'. Under 'Advanced options', the 'View' is 'Date and Time', 'Time Format' is 'DD-MM-YYYY', 'Date Format' is 'HH:mm (24)', and 'Aggregation' is 'None'.

- Numeric Field Formatting - This can only be applied to number type database fields. You can decide whether the formatting of the field is done automatically or manually. If you decide to set it manually, you will be prompted to enter the number of digits on the integer and decimal part. In addition, it is possible to decide the type of separator to be used (dot or comma).

The screenshot shows a configuration window with a close button (X) in the top left. It features three tabs: 'Database' (selected), 'Static', and 'Progressive'. The 'Field source' is set to 'Database'. The 'Object' is 'DISPENSES' and the 'Value' is 'Quantity'. Under 'Advanced options', the 'Format' is checked for 'Automatic formatting', 'Decimal Separator' is 'Dot', and 'Aggregation' is 'None'.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

- Text Field Formatting - Can only be applied to text type or static and progressive database fields.

It is possible to decide whether the formatting of the field is to be done automatically or manually. If you decide to set up manual formatting you will be asked to define:

- Maximum Length of Characters - Number of characters with which to represent the selected field.
- Alignment (left or right) - If the number of characters in the selected field is lower than the maximum number of characters defined to present it, the excess space will be filled with the space character (in the case of a string type field) or the zero character (in the case of a numeric type field).

The screenshot shows a configuration window with the following fields and options:

- Field source:** Database (selected), Static, Progressive
- Object:** DISPENSES
- Value:** Number plate
- Advanced options:**
 - Length:** Automatic length
 - Characters:** 10
 - Align value to:** Right

Grouping

The screenshot shows a dropdown menu for Aggregation with the value 'None' selected.

You can select to export the value of a column of a univocal type (driver's name, vehicle registration number, dispenser name, etc) to create a grouping for that value.

Caution:

- Only one univocal field can be grouped for each model.
- A bad file may be generated if the grouping is enabled for one field and an aggregation type is not selected or the wrong grouping type is chosen for the other fields.

If grouping is enabled for non-univocal fields (of database type), a new option appears allowing you to set the type of aggregation to be applied to that field.

The possible options for aggregation are:

- No aggregation
- Minimum value of the given field (MIN)
- Maximum value (MAX)
- Counting of items in the database
- Sum of all elements
- Average value of the elements



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

9.4 EXPORTING THE FILE

From the model in the list, press the  button to open the export window, which allows you to decide where to export the file and how to filter the selected data from the model.
(The name of the exported file will be the same as the model name).

The screenshot shows a mobile application interface for exporting data. It features several sections, each with a title and a set of radio button options:

- Export path:** A text field containing "C:\".
- Date:** Radio buttons for "All", "Range" (selected), "Single", and "Quarter". It includes "From" and "To" date pickers set to "10/08/2021" and "17/08/2021" respectively.
- Tank:** Radio buttons for "All" (selected), "Range", and "Single".
- Fluid:** Radio buttons for "All" (selected), "Range", and "Single".
- Unit:** Radio buttons for "All" (selected), "Range", and "Single".
- Driver:** Radio buttons for "All" (selected), "Range", and "Single".
- Reg. Number:** Radio buttons for "All" (selected), "Range", and "Single".

At the bottom of the screen, there are two navigation icons: a back arrow on the left and a checkmark on the right.

Press the  button to generate the file.

Caution:

The generated file will be text only (.txt) and not comply with any formatting standards (see .csv file).



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

9.5 EXPORTING THE VEHICLE MILEAGE DECLARATION (GASOLEO).

9.5.1 CREATING AND CONFIGURING THE MODEL

Press  and select 'Gasoleo_v1' as the model.

A pre-configured model is opened according to the following standard:

'ES';'VEHICULO';'10000';'20500'

- COLUMN 1: 'ES' - Country code
- COLUMN 2: 'VEHICULO' - Registration plate
- COLUMN 3: '10000' - The lowest value of the odometer recorded for the vehicle in the selected export period.
- COLUMN 4: '20500' - The highest value of the odometer recorded for the vehicle in the selected export period.

After entering a name to recognise the model, press the  button to save it.

9.5.2 EXPORTING THE MODEL

Click on the  button on the row corresponding to the newly created model.
Proceed as follows to generate the file correctly:

1. Select the save path.
2. Filter by time 'Interval' and select 1 January as the start date and 31 December of the same year as the end date (user's choice).
3. Optional - Filter by Reg. Number or by Driver if you want to export the declaration of a single vehicle or a vehicle driven by a specific driver.
4. Press the  button to confirm and generate the file.



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

9.6 EXPORTING THE UNLOADING OPERATION DECLARATION (GASOLEO).

9.6.1 CREATING AND CONFIGURING THE MODEL

Press  and select as initial model:

- 'Gasoleo_v2' if you want to export tracking by quarter.
- 'Gasoleo_v3' if you want to export tracking by month.

A pre-configured model is opened according to the following standard:

'15110028GP001Z000150';'ES00028GP001Z';'20070101';'0934';'1234DPP';'000';'125.34'

· COLUMN 1: '15T10028GP001Z000150' - Univocal code linked to the dispensing operation. This generated according to the following convention:

- › FIELD 1: 15 - Last two digits of the year of the handling operation.
- › FIELD 2: T1 - Quarter of the handling operation (if quarterly tracking is chosen).

or

01 - Month of the handling operation (if monthly tracking is chosen).

- › FIELD 3: 0028GP001Z - CAE code of the site owner. The field is formatted 13 characters.
- › FIELD 4: 000150 - Unique progressive number linked to handling operation.
- COLUMN 2: 'ES00028GP001Z' - CAE code of the site owner. The field is formatted 13 characters.
- COLUMN 3: '20070101' - Identifier of the day on which the handling operation was performed. The field is formatted as follows yyyyMMdd
- COLUMN 4: '0934' - Identifier of the hour and minute when the handling operation was performed. The field is formatted as follows: HHmm
- COLUMN 5: 1234DPP - Number plate of the vehicle to which the dispensing operation is linked. The field is formatted to 21 characters.
- COLUMN 6: 000 - Reference to the type of fluid supplied. The value indicates the percentage of bio-diesel in the fluid. The field is formatted with 3 digits.
- COLUMN 7: 125.34 - Dispensed amount.

Edit the model as follows:

1. Assign a name to the model.
2. In FIELD 3 of COLUMN 1 (the only static field) enter the last 10 digits of the CAE of the site owner.
3. In the static field of COLUMN 2 enter the CAE code of the site owner;
4. Press the  button to save and close.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

9.6.2 CREATING AND CONFIGURING THE MODEL

Click on the  button on the row corresponding to the newly created model.

Proceed as follows to generate the file correctly:

1. Select the save path.
2. Filter by the "quarter" of the desired year if you are exporting with the quarterly layout, otherwise the month if you are exporting with the monthly layout:
3. Optional - Filter by Reg. Number or by Driver if you want to export the declaration of a single vehicle or a vehicle driven by a specific driver.
4. Press the  button to confirm and generate the file.

10.3 SITE OWNER DATA

Site Owner	_____
Business Name	_____
Address	_____
Tax Code/SSN	_____
CAE	_____

Data can be stored on the site owner.



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

10.4 USER DATA MANAGEMENT



In details:

A. NEW USER - press this button to access the panel for adding a new user in the system.
The panel is below:

The panel displays the following fields:

- Username
- Password
- Confirm Password
- ACL (dropdown menu)

Navigation icons: back arrow and checkmark.

For entering username, password and selecting the privilege level of the user, between ADMINISTRATOR and VIEWER (see chapter 10.4.1).

The username (minimum length 6 characters) and password (minimum length 8 characters) must be no longer than 15 characters.

B. USER LIST - List of users with access to the site. Each user is described by a summary panel showing the username and privilege level.

When the user has been added, their characteristics can be modified by accessing their panel. See image below:

The panel displays the following information:

- Username: admin.piusi
- Password: [masked]
- Confirm Password: [masked]
- ACL: Administrator

Navigation icons: back arrow and checkmark.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

The following actions can be performed in the panel:

- Editing user data, username, password and privileges
- Removing the selected user, who won't be able to access the software any longer
- Disabling authentication for the user, who won't be able to access the software until an administrator re-enables him/her.
- Forcing a connector user logout, immediately closing the session.

Warning:

It is not possible to delete all users of the site. At least one administrator must always be present in the site. Only users with an ADMINISTRATOR privilege level can delete other users.

10.4.1 USER PRIVILEGE LEVELS

Software functions can be limited according to the privilege level of the users. The type of users are as follows:

- Administrator
- Viewer

ACTION	ADMINISTRATOR	VIEWER
Add new fuel dispensers	YES	NO
Modify/delete fuel dispensers	YES	NO
Add / Edit / Remove tanks	YES	NO
Add / Edit / Remove suppliers	YES	NO
Make level adjustments on the tank	YES	NO
Load the tank	YES	NO
Unload the tank	YES	NO
Export handling operations to txt file (for the tax agency)	YES	YES
Add / Edit / Remove products	YES	NO
Download data from manager key	YES	NO
View / export dispensing reports	YES	YES
Modify configuration	YES	YES
Modify configuration backup	YES	NO
Update software	YES	NO



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

10.5 DATABASE BACKUP CONFIGURATION

A	Status	
	Enable backup	<input checked="" type="checkbox"/>
	Last Backup	2 Feb 2021 - 12:33
B	Routine	
	Backup frequency	Daily
	Hour	12:00
C	Backup position	
	Backup position	E:\PIUSI_SSMAGILIS\PIUSI_SSMAGILIS_DB\BACKUP

In details:

A. ENABLE/DISABLE BACKUP - you can enable and disable the backup automatic procedure for the database. The procedure is always enabled by default. The date of the last backup made is always displayed. It is recommended to keep this function always active.

B. BACKUP ROUTINE - indicate the frequency for the database backup:
either Daily - one backup a day at the indicated time
or Weekly - one backup a week on the indicated day

C. BACKUP POSITION - shows the path where the performed backups are saved. The path cannot be edited. The backup folder is created during the installation. The pre-set path is:

C:\PIUSI_SSMAGILS\PIUSI_SSMAGILIS_DB\BACKUP

The latest backup performed is always available, including the latest 5. The format of the ".bck" files is as follows: ssm_bck_yyyymmdd_hhmmss.bck where 'yyyy' indicates the year, 'mm' the month, 'dd' the day, 'hh' the hour, 'mm' the minutes and 'ss' the seconds when the backup was saved.

Warning:

If the SSMASERVICE is off or disconnected, the automatic backup service is not guaranteed.



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

10.6 DATA MIGRATION

A Import data from old Self.mdb database files

Migration mode AUTOMATIC

Select path - Search

B No files loaded

START

C Import data from a SELF SERVICE MANAGEMENT database backup (Gasoleo) 2018

Select backup file (.bck) - SELECT START

Procedure for migrating data from backup files (.mcb) of 'Self Service 1.0':

A. DATA MIGRATION MODE - for selecting and loading the Self.mdb database files for migration.

Modes available:

- AUTOMATIC - the Self.mdb files are searched for automatically with a specified path.
- MANUAL - the Self.mdb files must be selected manually.

B. DATABASE FILES SELECTED FOR MIGRATION - list of the files selected for processing by the migration procedure. Press START button to migrate the data contained in the selected databases.

Warning: It is only possible to select and migrate databases (names Self.mdb) generated by the old version of the 'Self Service' software.

Procedure for importing data from a backup of 'SELF SERVICE MANAGEMENT GASOLEO 2018' or 'SELF SERVICE MANAGEMENT 2018':

A. IMPORT DATA FROM BACKUP - Press the SELECT button to choose the file (.bck) to be imported. Press the START button to migrate the data into the new 'AGILIS SELF SERVICE MANAGEMENT' software.



AGILIS Self Commissioning Guide

Piusi Instructions Manual



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

10.7 EXPORTING DISPENSING OPERATIONS

A	Enabled A new file will be produced every time that new dispenses will be stored	<input type="checkbox"/>
B	Export path	- [icon]
C	Field separator	,
D	Field delimiter	,
E	Date / Time Format	dd/MM/yyyy HH:mm

01,Owen Dickens,DE4711E,17/08/2021 15:22,1,204039,21560,5.62
 02,Jacob Stewart,DE4711E,17/08/2021 14:22,1,204039,21420,7.45
 03,Abigail Cameron,BR328FD,17/08/2021 13:22,2,204039,21395,3.44

In detail:

A. ENABLING/DISABLING the EXPORTING of DISPENSING OPERATIONS - It is possible to enable or disable the procedure of automatically exporting dispensing operations to .csv files. The procedure is disabled by default.

The procedure saves all dispensing operations downloaded from the fuel dispensers (using any method of communication) to a .csv file. The format for saving the files is as follows: 'yyyyMMddhhmm.csv' where 'yyyy' indicates the year, 'MM' the month, 'dd' the day, 'hh' the hour and 'mm' the minutes corresponding to the date and time when the file was exported.

The dispensing fields exported are (in order):

Progressive ID, Operator, Registration number, Date and time, Fuel dispenser number, Fuel dispenser serial number, Odometer, Litres dispensed.

If multiple dispensing operations are downloaded together, a single .csv file is generated.

B. EXPORT PATH - The path for saving the exported files must be indicated. Ensure that the path is always accessible and that read/write permissions are present.

C. SEPARATOR - A custom separator can be indicated for the exported dispensing fields.

D. DELIMITER - A custom delimiter can be indicated for delimiting the exported fields.

E. DATA/TIME FORMAT - It is possible to indicate a customised format in which to present the date and time in the exported file.

Warning:

- Exported dispensing operations cannot be re-exported.
- Modifications to field separator and delimiter are not retroactive (the modification will be applied only to new files exported from that point on).
- Until a valid save path is provided (accessible and with the correct permission), dispensing operations will not be exported.
- It is not possible to modify the order of the fields exported, add others or delete those present.



AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

11. SOFTWARE INFORMATION, PRODUCT REGISTRATION AND UPDATES

The INFO button in the software's upper bar can be used to access the section displaying the information about the product used and activate the product to receive the software updates.



This section is divided into three sub-menus, software INFORMATION, product ACTIVATION and software UPDATE.

11.1 SOFTWARE INFORMATION



In this section, the information about the purchased licence is shown along with the software version currently used.

If required, press 'Get Support' to download the 'Team Viewer' application that allows Piusi to connect to the computer remotely to provide assistance.



AGILIS Self Commissioning Guide

Piusi Instructions Manual

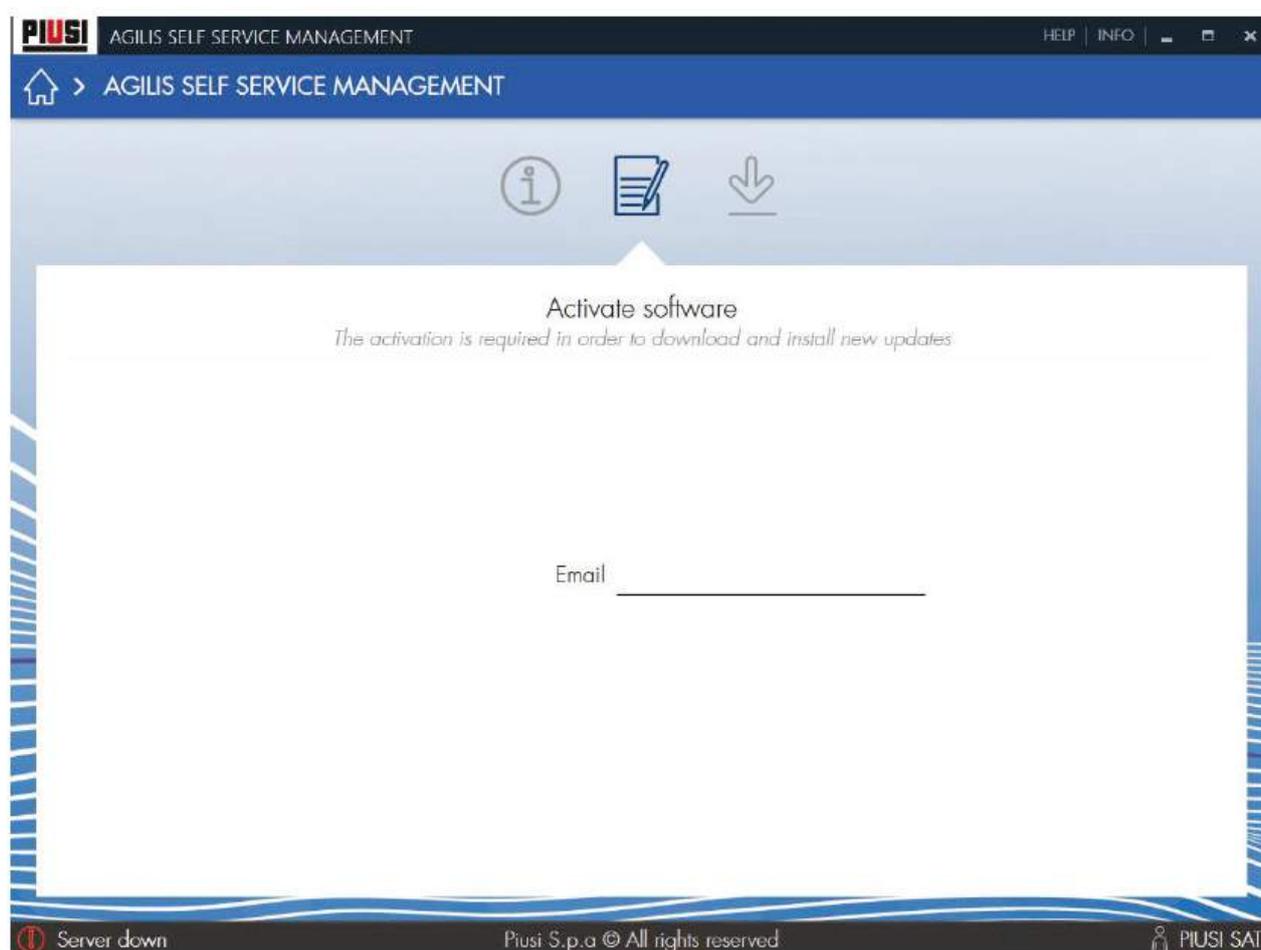


No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

11.2 PRODUCT ACTIVATION

Activation of the product purchased is managed in this section in order to guarantee support for the software updates. (www.piusi.com -> PIUSI PORTAL) - if you are not registered on the portal yet, we recommend to do it as soon as possible.

Every time there is a new update a comprehensive notice will be displayed, **UPDATE AVAILABLE** by clicking, the user will be redirected to the UPDATES section to download the new software release.



Warning:

- An internet connection is necessary to activate the product.
- The product must be activated only once.
- We recommend to update the software at regular intervals if there are new updates.



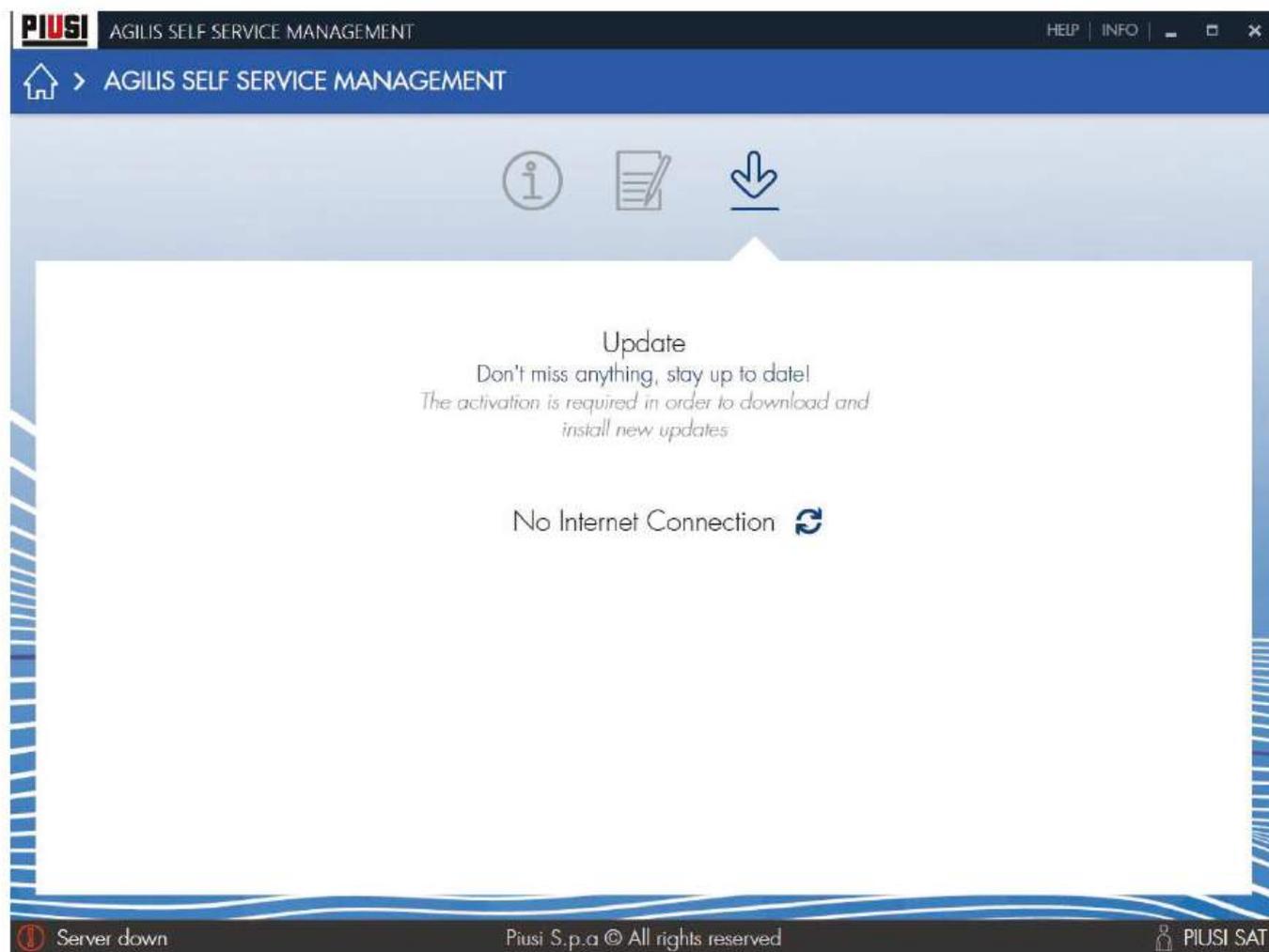
AGILIS Self Commissioning Guide

Piusi Instruction Manual



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

11.3 SOFTWARE UPDATES



This section shows the latest available update. To download it press the 'download' button



You will be automatically redirected to the link for online download.

The search for updates is an automatic process that looks for a new software release in the Piusi servers at regular intervals. If the version currently used is the most recent you can try and look for a new update by pressing the  button.

To download new updates make sure the product has been previously activated (see chapter 11.2).

Warning: An internet connection is necessary to download the update.



AGILIS Self Commissioning Guide

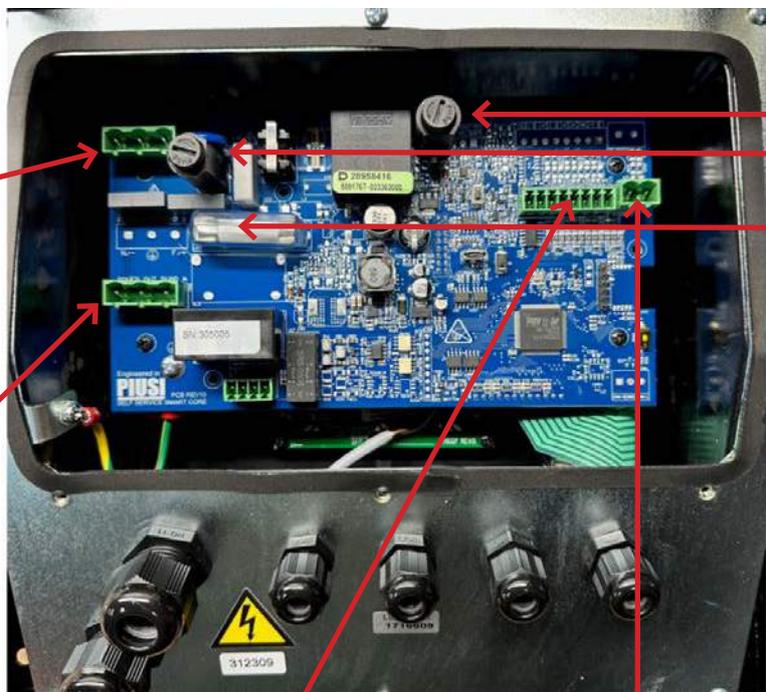
Self Commissioning Information



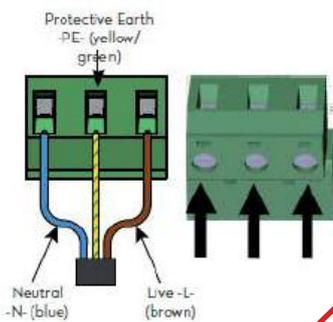
No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

Wiring up the Pump and Agilis Panel

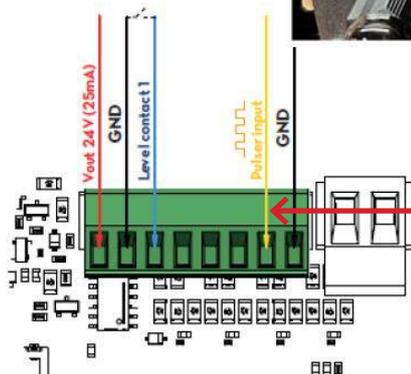
Unscrew the 7 electrical panel screws and keep them safe as they are very small and can easily be lost.



MAINS INPUT



PUMP OUTPUT



FUSES

MULTI CONNECTOR
Pulse meter

NOZZLE CONNECTION



AGILIS Self Commissioning Guide

System Setup Guide



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

LEGEND

	Press this key		Press buttons together
	Scroll in the direction of the arrow		Opens another menu
	Scroll either left or right		Touch RED Manager Key or Type-C USB Manager Key



AGILIS Self Commissioning Guide

System Setup Guide



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

ENTER PIN NUMBER

For first time use or to assign a new manager key, enter the PIN number - Default is "1234".

GOOD MORNING
MANAGER



Scroll down using the arrow key until the unit displays, SYSTEM.

SYSTEM



Hold down the keys together to enter the configuration menu.

UNIT NAME
UNIT1

Enter the name for the MC Unit.
- Keypad in Numeric Alpha Configuration

ENTER

REGISTRATION NUMBER
ENABLED/DISABLED



Do you require entry of a vehicle registration number or vehicle code ?

ENTER

ODOMETER
ENABLED/DISABLED



Do you require entry of a mileage or hr value ?

ENTER

START TIME OUT
1 - 999

Time in seconds, after which motor stops if no fuel has been dispensed, once authorised.

ENTER

FILLING TIME OUT
1 - 999

Time in seconds, after which motor stops once fuelling has finished or has been interrupted.

ENTER

REMOTE PRINTER
YES/NO



Is there a remote serial printer connected ?
- Special printer required, contact your dealer.

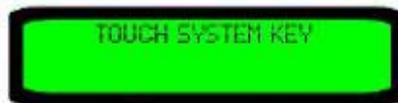


AGILIS Self Commissioning Guide

System Setup Guide



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023



Is the MC Unit connected to a PC ?
NO = Standalone Unit – after 255 transactions the oldest will be overwritten.
YES = Either hardwired or using a red manager key.

Choose your refuelling measurement.
- LITRES or US GALLONS.

Change decimal places to display when refuelling / reporting.
- Scroll to change value.

Change to set how nozzle input functions. Set to NORMALLY CLOSED if not connecting a nozzle switch and no wire in the connector.

The MC can be controlled by the relay output from the OCIO tank gauge. If enabled the MC will either alarm or stop the pump on a low level signal.

Displays the current master PIN for the MC Unit
- If you change the master code please keep a record of the change.
* This is independent of the PC software setup code.

Do you require Touch Key operation of the MC Unit ?
YES = Using keys for refuelling control.
NO = Using only PIN codes only.

Touch the RED Manger or USB key to the reader to download the configuration to the key.
-Touching the key requires only gentle force.
** Heavy pressure will irreversibly damage the key **

The MC system will now revert to the main SETUP screen.

The MC system is now configured. Please refer to the guide for adding users.



AGILIS Self Commissioning Guide

Piusi Portal Registration

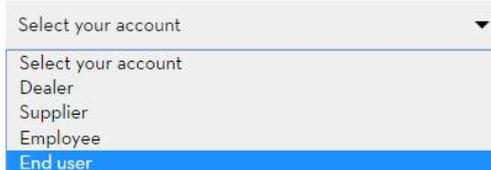


No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

1. Visit www.piusi.com and click on PIUSI PORTAL in the top right-hand corner.



2. From the drop-down box select END USER.



3. From the next screen select SIGN-UP.



4. Fill in the product key: if using a USB drive this will start with US10- **** * ,
if you are using the web software it will start with WS10 **** * ,
then click REGISTER.





AGILIS Self Commissioning Guide

Piusi Portal Registration



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

5. Fill in all the boxes with a RED ASTERIX -

- * Username (10 characters, no spaces, case sensitive, can include numbers).
- * Password (same as above).
- * E-Mail
- * Company Name
- * Nation (UK, then region will appear).
- * City
- * Street
- * Number (Must have a number 0-9 in box).
- * Postcode (No space in entry).
- * VAT = GB*****

1. Account Information

Username * * Required field

Password * Confirm Password *

E-Mail * Confirm email *

2. Company data

Company name *

Nation *
Afghanistan

City *

Street *

Number * Postcode *

VAT (ex. ITX00000000X EU Only) *

6. Fill in all the boxes with a RED ASTERIX-

- * Mobile & phone number (omit the first 0).
- * Nation (UK, then region will appear).
- * Postcode (No space in entry).
- * Accept privacy policy by checking box.
- * Click REGISTER.

3. Privacy

Read the privacy policy for the processing of the personal data *
[Privacy policy](#)

Accept *

I wish to subscribe to the newsletter service
Accept *

Register >>>

3. Contact Data

First name * Last name *

Mobile phone *
(0044) *

Phone *
(0044) *

4. Insert the date of the reseller from who you bought the product

Company name *

Nation *
Afghanistan

City *

Street *

Postcode *



AGILIS Self Commissioning Guide

User Operations Guide



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

LEGEND

	Press this key		Touch USER Key
	Scroll in the direction of the arrow		Touch RED Manager Key
	Scroll either left or right		Wait please...
	Opens another menu		



AGILIS Self Commissioning Guide

User Operations Guide



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

How to add a new user



Touch RED Manager Key or Type-C USB Key.



Scroll down until USERS is displayed.



Select the ADD User option.



Enter a USERNAME to identify the user.



NO

Can the user enter a PIN code instead of using a key ?
- Scroll to select option.



Enter a 4 digit PIN number for the user.



Are you using an electronic yellow touch key for the user ?
- Scroll to select option.



NO



Pick a yellow user key and gently touch the key on the receptacle.



The key serial number is embedded into the key and will be read by the system and recorded.



You can select to auto number the user or specify a free location. Often, users opt to auto number users.

Confirmation of user details is displayed before the screen returns to the add user starting point.



AGILIS Self Commissioning Guide

User Operations Guide



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

How to view configured users



Touch RED Manager Key or Type-C USB Key and scroll down until USERS is displayed.

Scroll until the option to VIEW a user is displayed.

Scroll to view details of each user present on the system.

How to delete configured users



Touch RED Manager Key or Type-C USB Key and scroll down until USERS is displayed.

Scroll until the option to DELETE a user is displayed.

Enter the number of the user that you wish to delete without any preceding zeros. This can be found by following the VIEW USER procedure.

Details of the user selected for deletion will be displayed with a delete confirmation prompt opposite.



AGILIS Self Commissioning Guide

Data Transfer with Electronic Key



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

LEGEND

	Press this key		Touch USER Key
	Scroll in the direction of the arrow		Type-C USB Key
	Scroll either left or right		Wait please...

USB Key LED Status



Key ON/OFF Button



Key empty and ready to use again



Key FULL with data - download to clear key for use again



Battery low in key - replace with CR2



Touch Type-C USB Key and scroll down until the DATA TRANSFER prompt is displayed





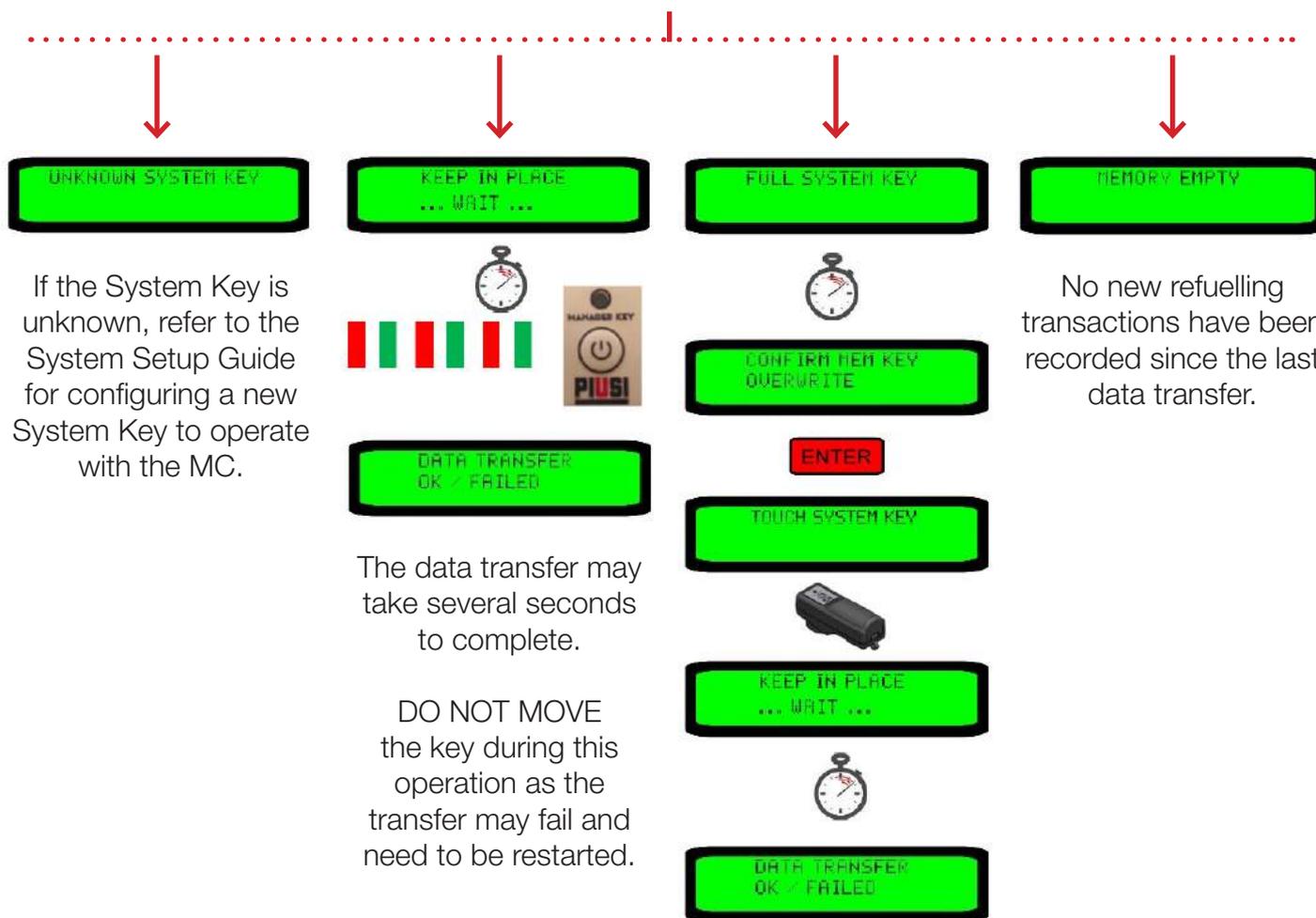
AGILIS Self Commissioning Guide

Data Transfer with Electronic Key



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

TOUCH SYSTEM KEY



If the system key has not been downloaded to the PC and has 255 refuelling transactions, the user will get the option to overwrite the key.

If you choose this option
DATA LOSS WILL OCCUR.

We recommend you download the System Key to the PC before performing another Data transfer. If transfer fails, restart the procedure.



AGILIS Self Commissioning Guide

Data Transfer with Red Key



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

LEGEND

	Press this key		Touch USER Key
	Scroll in the direction of the arrow		Touch RED Manager Key
	Scroll either left or right		Wait please...

When touching the key, use a very light pressure !

** Heavy pressure will irreversibly damage the key **



Touch RED Manager Key and scroll down until the DATA TRANSFER prompt is displayed.



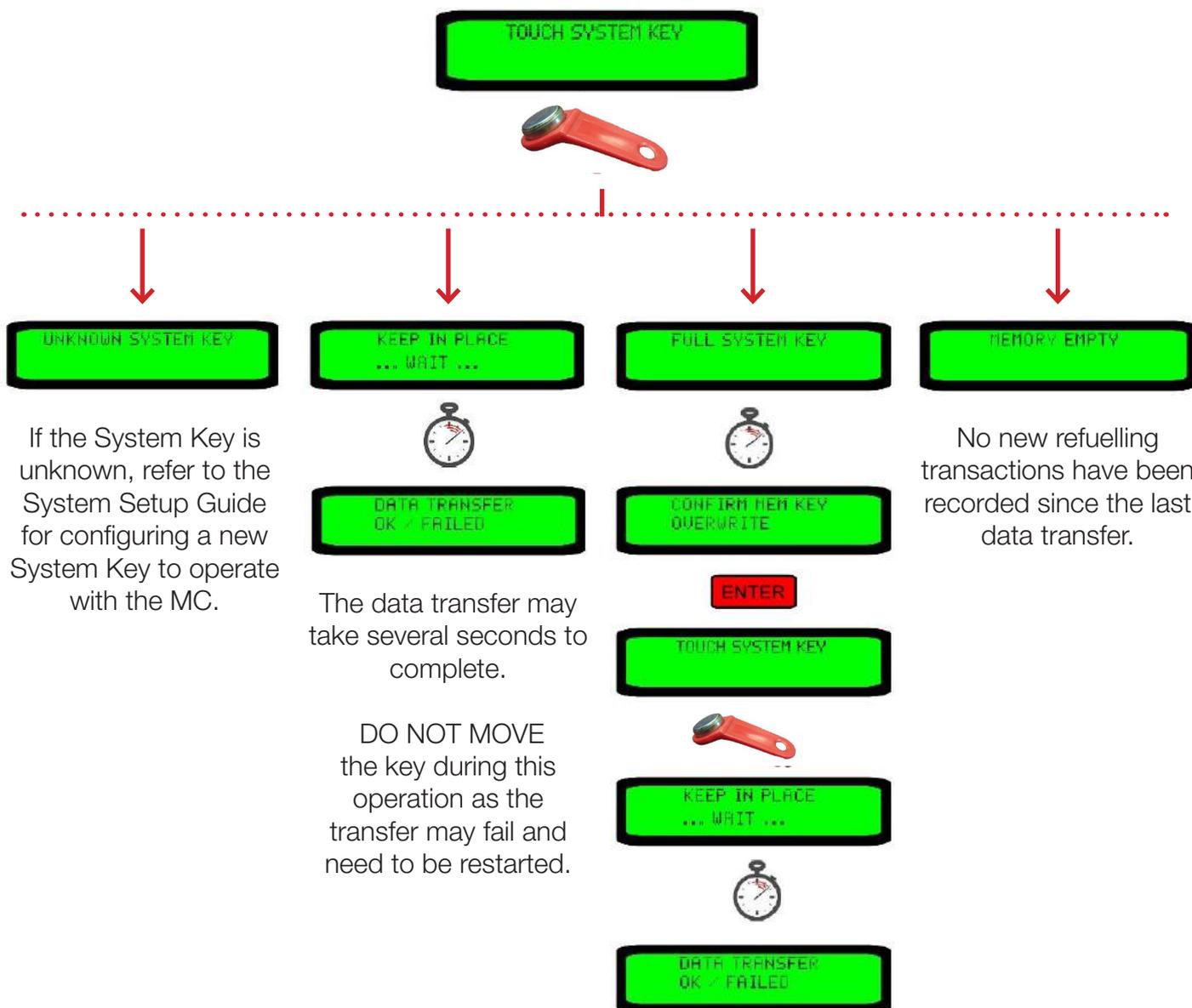


AGILIS Self Commissioning Guide

Data Transfer with Red Key



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023



If the system key has not been downloaded to the PC and has 255 refuelling transactions, the user will get the option to overwrite the key.

If you choose this option
DATA LOSS WILL OCCUR.

We recommend that you download the System Key to the PC before performing another Data transfer. If transfer fails, restart the procedure.



AGILIS Self Commissioning Guide

Pump Calibration



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

LEGEND

	Press this key		Press buttons together
	Scroll in the direction of the arrow		Opens another menu
	Scroll either left or right		Touch Manager Key

Piusi recommends calibration be checked twice yearly to ensure an accurate accumulation of fuel usage. Before proceeding with calibration, run pump to ensure air is present in the system.



Touch RED manager or Type-C USB Key or enter PIN number.



Scroll down using the arrow key until the unit displays SYSTEM.



Scroll down using the arrow key until the unit displays CALIBRATION.



The MC electronics are pre-set to work with the PIUSI K600 pulse meter at 35 pulses per litre.



** For engineer use ONLY **

Use dispensing based calibration only.

Electronics inside MC Panel can communicate with other PIUSI pulsars.

K Factor information for these pulsar's is available on request.



PIUSI

AGILIS Self Commissioning Guide

Pump Calibration



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023



The pump relay will now energise. Operate the pump nozzle switch to start the pump running.

Dispense into a 20 litre Weights & Measures approved vessel at FULL FLOW !

If you do not have available a W&M approved vessel then dispense into a vessel of a known accurate quantity. The vessel must have at least a 20 litre capacity.

If the diesel starts frothing in the vessel then allow to stand for a few seconds, but the pump must be left running and the nozzle must always be opened fully and not trickle fill the vessel.

Should the pump turn off during this standing time, re-adjust the pump time out setting in the configuration and repeat the calibration from scratch.

When the correct level in the vessel has been achieved press

ENTER



Use the arrows to set the actual dispensing and the displayed dispensing to match.

Press **ENTER** when finished to store the new calibration.

Note : When in calibration mode the meter will by default read more than what is being dispensed. You must complete the entire process otherwise calibration will be lost



AGILIS Self Commissioning Guide

System Options Guide



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

LEGEND

	Press this key		Touch USER Key
	Scroll in the direction of the arrow		Touch RED Manager Key or Type-C USB Key
	Scroll either left or right		

How to find the system serial number



Touch RED Manager Key or Type-C USB Key and scroll down until SYSTEM is displayed.



Scroll down until the SYSTEM SERIAL NUMBER prompt is displayed.



Make a note of the system serial number as this will be required when setting up the PC connection.



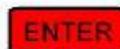
AGILIS Self Commissioning Guide

System Options Guide



No un-authorised copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

Setting the date and time



Touch RED Manager Key or Type-C USB Key and scroll down until SYSTEM is displayed.

Scroll down until the DATE/TIME prompt is displayed.

Enter the date in the format shown opposite.

Enter the time in the format shown here. Once the time has been entered you must return to the main screen for the time/date change to take effect.

Pressing CANCEL twice will return to the main screen.



AGILIS Self Commissioning Guide

System Options Guide



No un-authorized copying or distribution permitted.
Copyright Centre Tank Services Ltd 2023

LEGEND

	Press this key		Touch USER Key
	Scroll in the direction of the arrow		Touch RED Manager Key or Type-C USB Key
	Scroll either left or right		Wait please...

Checking if a key is valid on the MC system

