



# SiMoNe 2018 User Manual

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00	17/10/2018	38	User manual version 1, written for SiMoNe 01.33 version.
01	24/10/2018	40	Updates and addition of the procedure for the integration of the unit
02	29/10/2018	42	Tracking and notification list updates

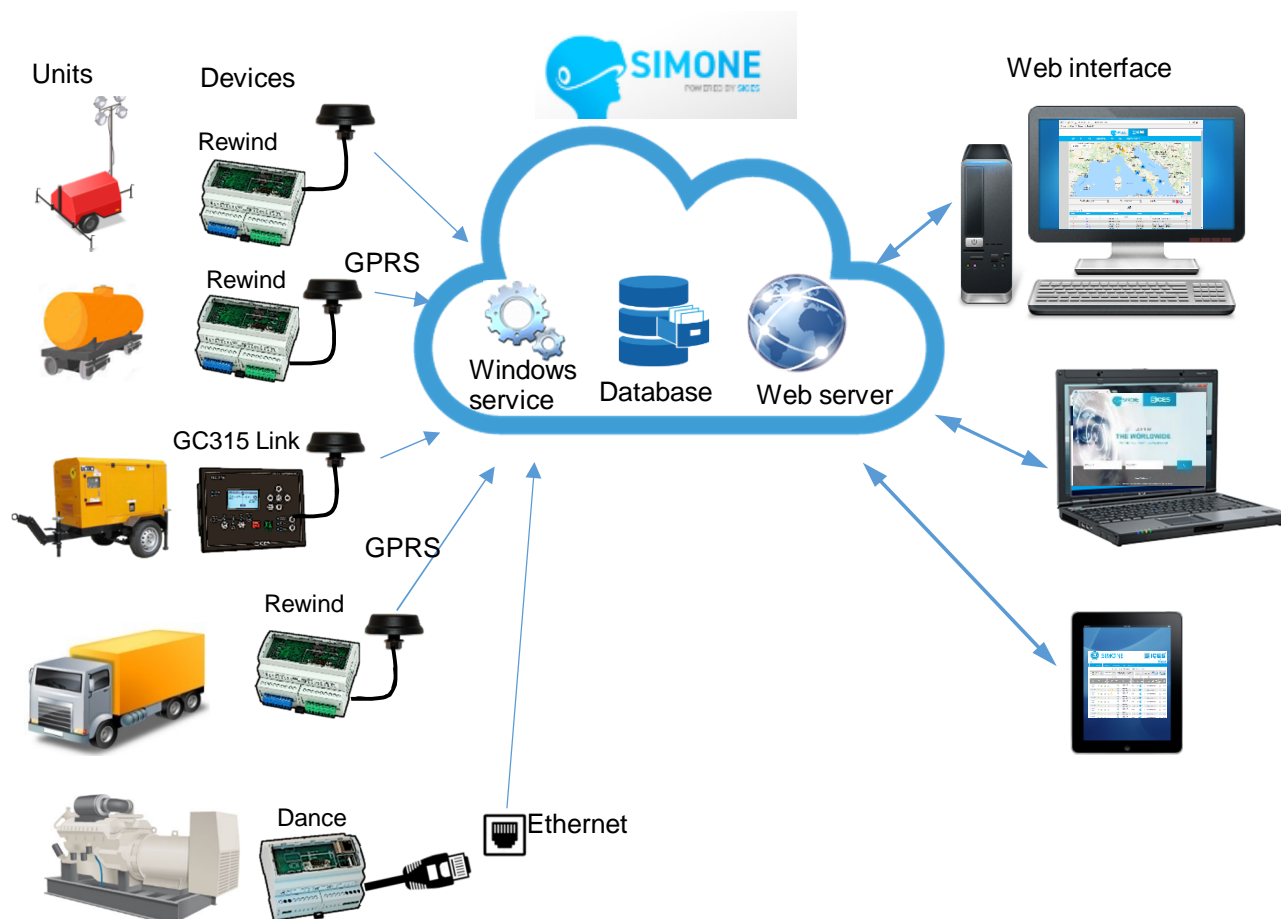
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# 1 Introduction

SiMoNe (Slices MOnitoring NEtwork) is a Cloud-based system designed by SICES srl that allows data collection and remote monitoring from various equipment such as generators, light towers, vehicles, fuel tanks or other equipment.



SIMONE receives data relative to the status of the equipment and its monitored parameters. The information is recorded 24/7 in a remote database and this database is available to the customer. Communication is via either wired Ethernet or cellular data connection.

## 1.1 Documents

- [1] SICES EAAV065600EN SiMoNe Registration module.
- [2] SICES EAAS0341xx Serial communication and SMS protocol.

## 1.2 Revisions

SICES s.r.l. is always seeking continuous improvement and updating of its systems; therefore, some of the functions described in this manual could differ from the one existing in the system.

## 1.3 Definitions

### 1.3.1 Acronyms

<b>APN</b>	Access Point Name. It is an access point to the internet to transfer data via GPRS o UMTS.
<b>CANBUS</b>	Serial communication standard for the connection of electronic control units (ECU).
<b>GPRS</b>	General Packet Radio Services. It is a packet-based wireless communication service used by modems on the cellular network.
<b>GPS</b>	Global Positioning System. It is a satellite-based radio navigation system. GPS modules can reveal the position by receiving satellite data.
<b>M2M</b>	Machine to Machine. It refers to direct communication between devices using any communications channel, including wired and wireless, with absence or limited human interaction. Terms also used by telephone operators to define a type of contract or a tariff plan for data communication in small quantities.
<b>SIM</b>	Subscriber Identity Module. Widely known as a SIM card, is an integrated circuit that is intended to securely store the international mobile subscriber identity (IMSI) number and its related key, which are used to identify and authenticate subscribers on mobile telephony devices.

## 1.4 Regulation

All the changes made from the previous version are highlighted with a vertical bar on the right side of the paragraph. All the changes done on a table are highlighted with grey colour.

## 1.5 Software version.

The new SiMoNe software versions shown at the bottom of all the pages:

S.I.C.E.S. S.R.L. - Via Molinello n. 8/B 21040 - JERAGO CON ORAGO (VA) Tel. +39 0331212941 Fax +39 0331216102  
Version 1.30

## 2 How to access SiMoNe

To access SiMoNe, you need an internet connection (from PC, smartphone or Tablet) and access through a browser to the web page:

[simone.sices.eu](http://simone.sices.eu)

The login screen will appear.

## 3 Login page



The screenshot shows the login interface for SiMoNe. At the top, there are two logos: 'SIMONE POWERED BY SICES' and 'SICES Empowering your control'. The main heading reads 'LOGIN TO THE WORLDWIDE MONITORING AND TRACKING SYSTEM'. Below this, there are two input fields labeled 'USERNAME' and 'PASSWORD'. To the right of these fields is a blue button with a power icon. Below the input fields, there is a link that says 'Forgot Your Password?'. At the very bottom, there is a small line of text: 'S.I.C.E.S. S.R.L. - Via Molinello n. 8/B 21040 - JERAGO CON ORAGO (VA) - Tel. +39 0331212941 - Fax +39 0331216102'.

A demo user is available:

*Username:* **userdemo**  
*Password:* **userdemo**

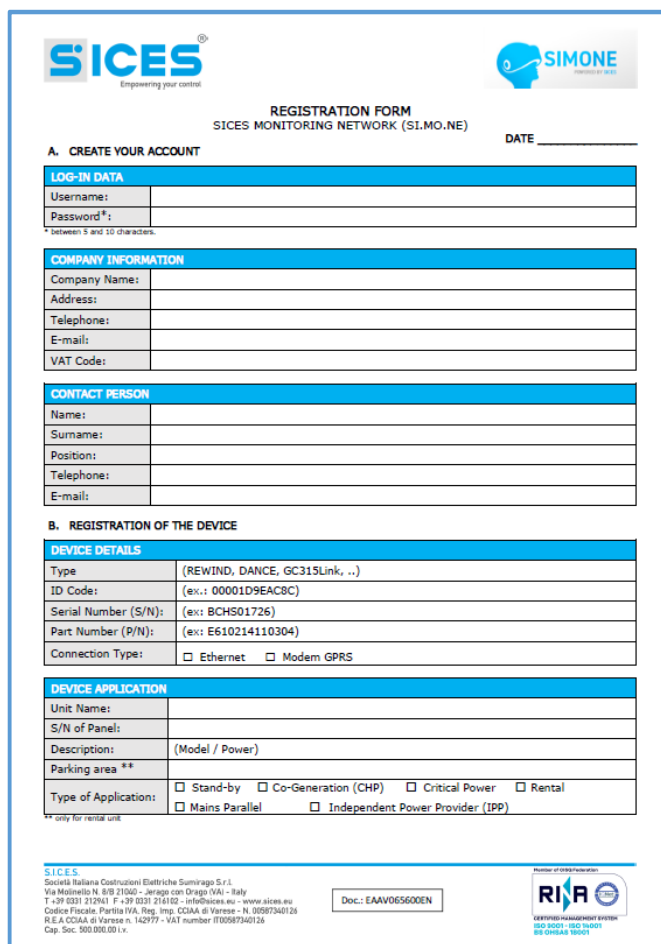
Users need an account with at least one user.

Each user will have access to their data and plants according to the company and to the user level.

## 4 How to ask for an account

To ask for an account follow the procedure described below:

- Send an email to: [sales@sices.eu](mailto:sales@sices.eu)
- Sices will provide you with a registration form:



**SICES**  
Empowering your control

**SIMONE**  
SIMONE

**REGISTRATION FORM**  
SICES MONITORING NETWORK (SI.MO.NE)

DATE \_\_\_\_\_

**A. CREATE YOUR ACCOUNT**

**LOG-IN DATA**

Username: \_\_\_\_\_  
Password\*: \_\_\_\_\_  
\* between 5 and 10 characters.

**COMPANY INFORMATION**

Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
VAT Code: \_\_\_\_\_

**CONTACT PERSON**

Name: \_\_\_\_\_  
Surname: \_\_\_\_\_  
Position: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**B. REGISTRATION OF THE DEVICE**

**DEVICE DETAILS**

Type: (REWIND, DANCE, GC315Link, ..)  
ID Code: (ex.: 00001D9EAC8C)  
Serial Number (S/N): (ex.: BCH501726)  
Part Number (P/N): (ex.: E610214110304)  
Connection Type: ☐ Ethernet ☐ Modem GPRS

**DEVICE APPLICATION**

Unit Name: \_\_\_\_\_  
S/N of Panel: \_\_\_\_\_  
Description: (Model / Power)  
Parking area \*\*  
Type of Application: ☐ Stand-by ☐ Co-Generation (CHP) ☐ Critical Power ☐ Rental  
☐ Mains Parallel ☐ Independent Power Provider (IPP)

\*\* only for rental unit

**SICES**  
Società Italiana Costruzioni Elettriche S.r.l.  
Via Molino N. 8/9 21062 - Jorago con Orago (VA) - Italy  
T +39 0331 212941 F +39 0331 214102 - info@sices.eu - www.sices.eu  
Codice Fiscale: Partita IVA Reg. Imp. CCIAA di Varese - N. 00587340126  
R.E.A. CCIAA di Varese n. 142977 - VAT number IT00587340126  
Cap. Soc. 500.000.00 i.v.

Doc.: EAMV065600EN

**RIA**  
CERTIFIED MANAGEMENT SYSTEM  
ISO 9001 - ISO 14001  
BS OHSAS 18001

- Fill it in and send it back to SICES to the address [sales@sices.eu](mailto:sales@sices.eu).
- SICES will create the account
- SICES will send you username and password.

## 4.1 User levels

There are 4 user level:



Auth.Level:\*

- SuperAdmin
- ReadOnly
- Admin
- User

SUPERADMIN	Can see all the units and devices and shall access all the functions. It can create companies, users of all levels, add devices and units, etc ...
READONLY	Can see all units, devices, but it can't enter data or make any changes.
ADMIN	Can see the units of your company and those of the subsidiaries. It can add devices, enable them but it can only associate them with units. It can add units, it can create users only user level and subsidiaries.
USER	Can only see the units and devices of the company. It can't create units or devices. It can't create users or companies

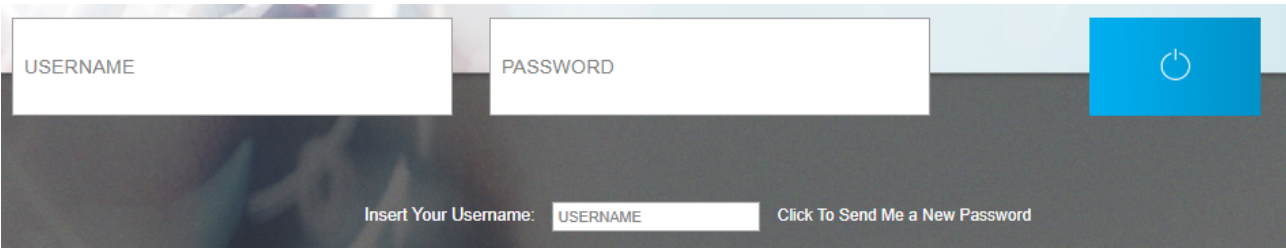
## 5 Password

### 5.1 Forgot your password?

If you need to reset the password, click on

[Forgot Your Password ?](#)

Enter your email address, you will receive an email with a new password. It is always possible to change it in your user profile.



USERNAME

PASSWORD

Insert Your Username:  [Click To Send Me a New Password](#)

## 6 Home Page

The home page is divided into different sections and it includes: a map, a list of events, a list of units with the data transmitted.

Menu bar

### Map

- uses the language of the user
- full screen view available

### Filters

You can filter by: status, company, server time, local time

### Advanced search

It is possible to filter the text

### Events section

in chronological order

**EVENTS**

Status	Unit	UTC Time	Code	Message	Ack
	JANGO	31/05/2018 13.13.07	REW_RW030	IP ADDRESS CHANGED	<input type="checkbox"/>
	JANGO	31/05/2018 13.07.02	SIC_EV001	ENGINE STARTED	<input type="checkbox"/>
	DB03	31/05/2018 10.06.45	SIC_EV001	ENGINE STARTED	<input type="checkbox"/>
	DB03	31/05/2018 02.19.09	SIC_EV002	ENGINE STOPPED	<input type="checkbox"/>
	JANGO	31/05/2018 02.15.56	SIC_EV002	ENGINE STOPPED	<input type="checkbox"/>
	JANGO	30/05/2018 20.55.10	SIC_EV001	ENGINE STARTED	<input type="checkbox"/>
	JANGO	30/05/2018 20.53.26	SIC_A041	Minima pressao de oleo	<input type="checkbox"/>
	JANGO	30/05/2018 16.36.45	SIC_EV002	ENGINE STOPPED	<input type="checkbox"/>
	JANGO	30/05/2018 16.36.16	SIC_A041	Minima pressao de oleo	<input type="checkbox"/>

SIMONE		SICES		Alessandro Panzarasa	
Home	Dati	Eventi	Utenti/Aziende	Tools	Unità
	test_LM	24/09/2018 10.23.36	SIC_W024	GCB non aperto	<input type="checkbox"/>
	test_LM	24/09/2018 10.23.10	REW_RW026	SCHEDA CONNESSA	<input type="checkbox"/>
	test_LM	24/09/2018 09.14.11	REW_RW025	SCHEDA SCOLLEGATA O SPENTA	<input type="checkbox"/>
	test_LM	24/09/2018 09.13.54	REW_RW01	REMOTE DEVICE ON	<input type="checkbox"/>
	test_LM	21/09/2018 12.11.48	REW_RW013	RILEVATO SPOSTAMENTO 486m	<input type="checkbox"/>
	SC_ACQ13	21/09/2018 09.10.28	SIC_W024	GCB non aperto	<input type="checkbox"/>
	test_LM	21/09/2018 09.09.23	REW_RW026	SCHEDA CONNESSA	<input type="checkbox"/>
Page 1 of 326 (3259 items) [1] 2 3 4 5 6 7 ... 324 325 326					
UNITA'					
[Enter text to search...]					
test_LM	24/09/2018 15.32.06			440 440 440	10.83 10.46 10.47
SC_ACQ13	24/09/2018 14.28.59			0 0 0	0.00 0.00 0.00
test_LM	23/08/2018 21.11.52			402 403 401	577.10 577.46 571.38
SCe_400_Link	23/08/2018 12.13.58			406 407 408	467.71 466.71 465.11
GE_61332	23/08/2018 12.09.06			0 0 0	0.00 0.00 0.00
GE_61333	23/08/2018 12.06.28			0 0 0	0.00 0.00 0.00
GE_518515	23/08/2018 12.06.27			399 398 399	87.19 91.25 91.09
GE_518516	23/08/2018 12.05.48			0 0 0	0.00 0.00 0.00
GERADOF_08	23/08/2018 12.04.04			226 0 0	0.00 0.00 0.00
MR_183114	23/08/2018 12.03.55			0 0 0	0.00 0.00 0.00
Page 1 of 13 (125 items) [1] 2 3 4 5 6 7 ... 11 12 13					
Last Update: 24/09/2018 15.32.48					
S.I.C.E.S. S.R.L. - Via Molinello n. 8/B 21040 - JERAGO CON ORAGO (VA) Tel. +39 0331212941 Fax +39 0331216102 Version 1.30					

Advanced search filter on all fields

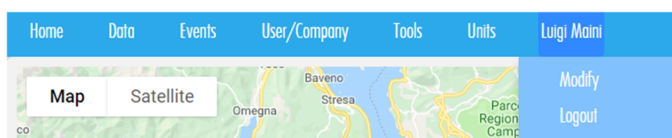
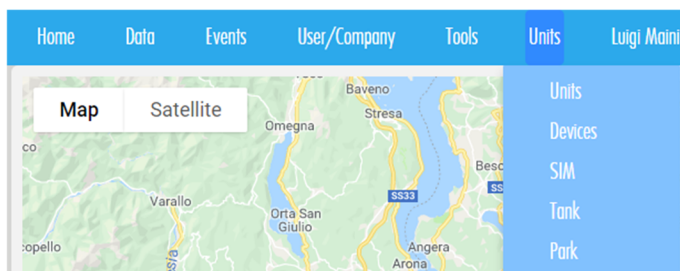
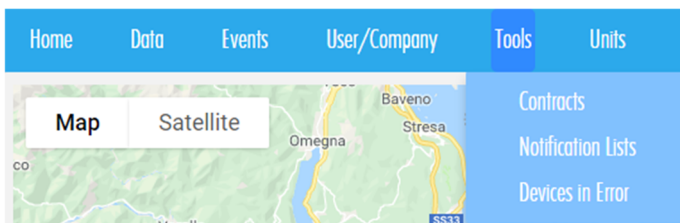
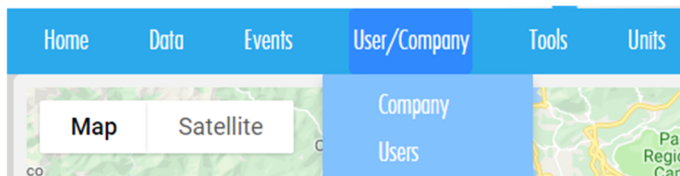
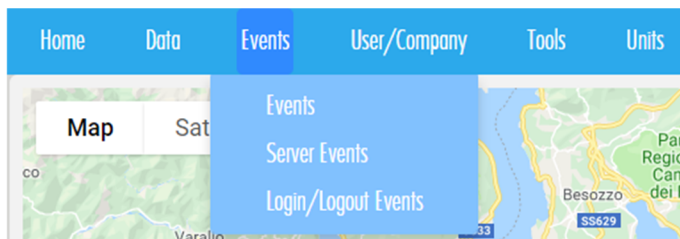
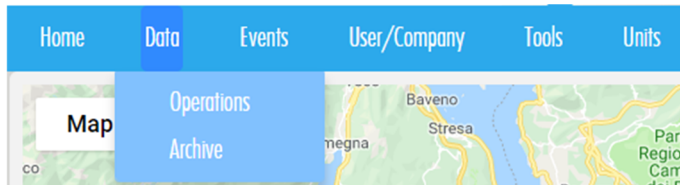
Unit data section in chronological order the yellow background indicates all the OFF LINE units

Maintenance Colored background shows the units whose maintenance has expired



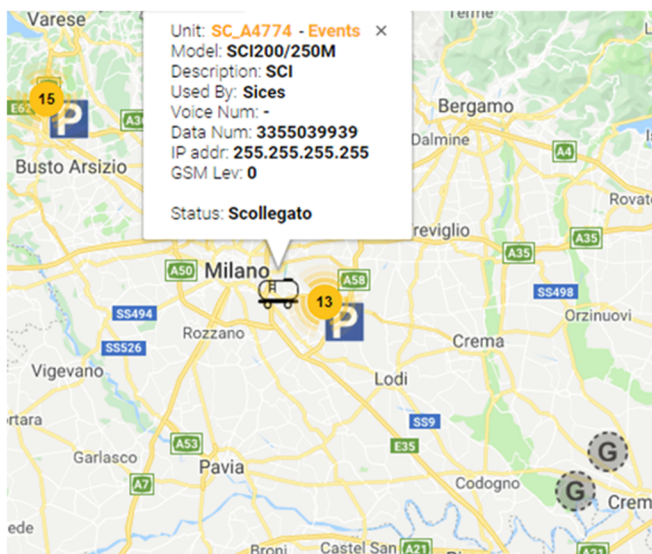
## 6.1 Menu Bar

It contains all the user-accessible items.





## 6.2 Map



The map shows all the icons either in the storage depot (parking) or at their last GPS position. The icon Legend is explained in chapter 14. To avoid any overcrowding of icons, zooming out the icons are grouped in circles with different colours. By clicking on a group, you can see in more detail. Clicking on an icon you can see the related data.

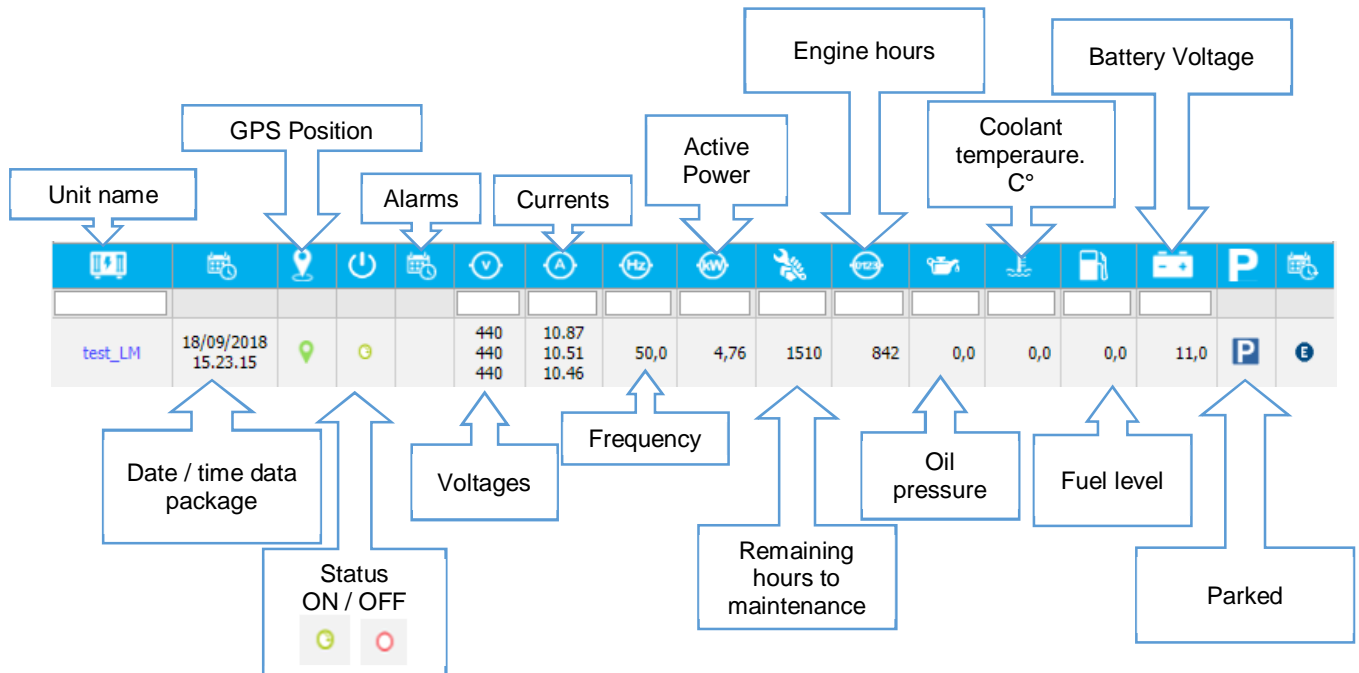
## 6.3 Events

This table shows all events not yet acknowledged by the user, relating to the units belonging to the current user. Superusers have access to all units. By selecting the check and clicking on "ACK" it is possible to acknowledge the event. The complete list of all events can be seen in the menu in the appropriate section.

## 6.4 Units

In this table all the units of the current user are presented. Superusers have access to all units. The representation on the map of the unit depends on the state in which it is located, as described in 6.2. The visible data refers to the last transmission made by the unit.

### 6.4.1 Meaning of the columns



### 6.4.2 Legend



This icon shows the legend of what is displayed in the map. Here on the right you can see an example of the list.

### 6.4.3 Save default position

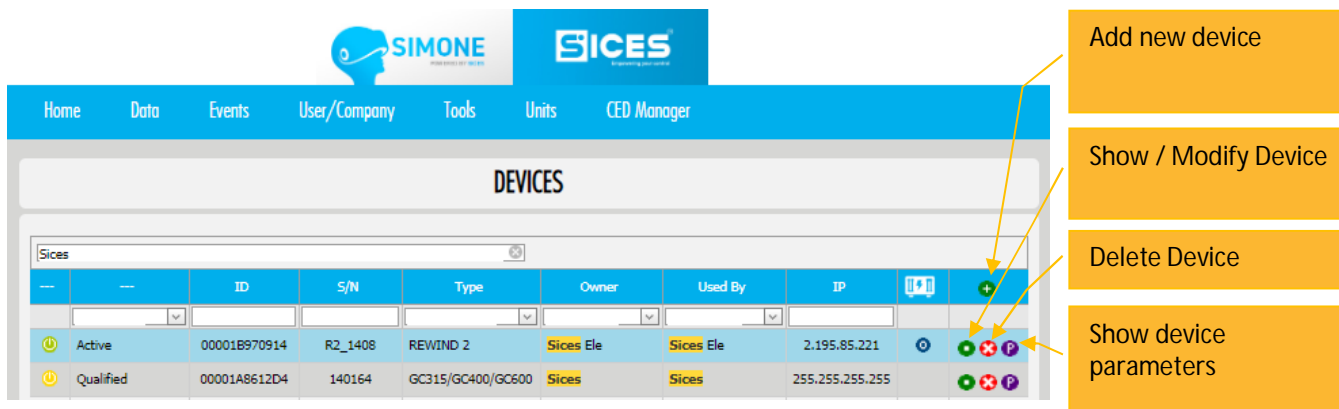


With this icon it is possible to set the default position on the map and the zoom level.

Legenda	
Icon	Meaning
	Disconnected
	Moving
	Alarm
	Fuel Reserve
	not used
	Maintanace Requested
	Engine running, Genset activated
	Unit stopped, Engine off
	Disconnected
	Moving
	Alarm
	Force
	Tank Activated
	Maintanace Requested
	Engine running, Truck stopped
	Truck Off
	Disconnected
	Moving
	Tank Empty
	Tank Reserve

## 7 Devices

In the unit menu you can find the device list. The fields shown are: status, ID (Identity Number), SN (Serial Number), type (of connection), owner (account owner), used by (User information), IP address.

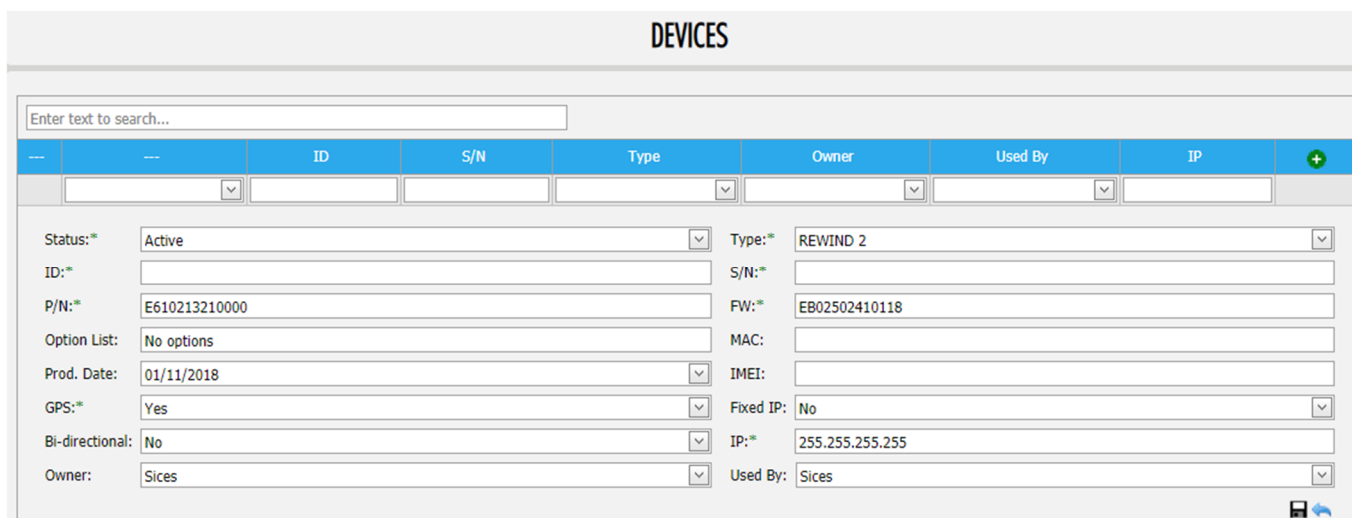


The screenshot shows the 'DEVICES' page in the SICES application. The page has a navigation bar with links: Home, Data, Events, User/Company, Tools, Units, and CED Manager. Below the navigation bar is a search bar and a table of devices. The table has columns: Status, ID, S/N, Type, Owner, Used By, and IP. There are two devices listed: one 'Active' and one 'Qualified'. To the right of the table are four action buttons: 'Add new device', 'Show / Modify Device', 'Delete Device', and 'Show device parameters'. Arrows point from these buttons to the corresponding icons in the table header.

Status	ID	S/N	Type	Owner	Used By	IP
Active	00001B970914	R2_1408	REWIND 2	Sices Ele	Sices Ele	2.195.85.221
Qualified	00001A8612D4	140164	GC315/GC400/GC600	Sices	Sices	255.255.255.255

### 7.1 Add a new device

To add a new device some fields will be already filled it. It will be always possible to modify them. All fields with an asterisk \* are mandatory.



The screenshot shows the 'Add new device' form in the SICES application. The form is titled 'DEVICES' and has a search bar at the top. Below the search bar is a table with columns: Status, ID, S/N, Type, Owner, Used By, and IP. The table has one row with a green plus icon in the IP column. Below the table is a form with fields for: Status, ID, P/N, Option List, Prod. Date, GPS, Bi-directional, Owner, Type, S/N, FW, MAC, IMEI, Fixed IP, IP, and Used By. The fields are organized into two columns. The 'Status' field is set to 'Active'. The 'Type' field is set to 'REWIND 2'. The 'IP' field is set to '255.255.255.255'. The 'Used By' field is set to 'Sices'.

## 7.2 Device Parameters



this icon shows the parameters related to the device. It is possible to change the value in “change value”. To confirm then click on “save parameters”. The new value will be sent to the device. If you want to cancel the new value use the field “change value” and then click on “save”

Parameters Value			
Device: 0000FFFFFFFF-119000-REWIND			
Parameter Name	Actual Value	Future Value	Change Value (### to null)
P001. GPRS send data enable	1	n/a	<input type="text"/>
P002. APN (Access Point Name) Main	ibox.tim.it	n/a	<input type="text"/>
P003. APN (Access Point Name) Secondary	m2mbis.vodafone.it	n/a	<input type="text"/>
P004. Server 1 - IP Address or name	simone.sices.eu	n/a	<input type="text"/>
P005. Server 2 - IP Address or name	—	n/a	<input type="text"/>
P006. Server 1 - Port	53052	n/a	<input type="text"/>
P007. Server 2 - Port	—	n/a	<input type="text"/>
P008. Data forward interval (sec)	900	n/a	<input type="text"/>
P009. Connection Mode to server	1	n/a	<input type="text"/>
P010. Data Packet Type	0	n/a	<input type="text"/>
P011. Baudrate	9600	n/a	<input type="text"/>
P012. Settings	0	n/a	<input type="text"/>
P013. Receive Timeout	10	n/a	<input type="text"/>
P014. ModBus Address	1	n/a	<input type="text"/>
P015. Board Type	18	n/a	<input type="text"/>
P016. Communication events (for SMS, data calls, Email)	15	n/a	<input type="text"/>
P017. Number of ring before answer	1	n/a	<input type="text"/>
P018. Number of SMS for each event	1	n/a	<input type="text"/>
P019. Number of times for data calls	0	n/a	<input type="text"/>

## 7.3 Transmission devices

The transmission device is a tool that collect and transmits data to the system. The devices and controllers available are: REWIND, REWIND II, DANCE, GC315LINK, GC315PLUS, GC400MAINS, GC400LINK, GC600.

Here below a table with all the connection characteristics of each device / controller:

DEVICE	GPRS / SiMoNe	GPS	Ethernet / SiMoNe	Internal Modem GSM/GPRS SMS	External Modem GSM SMS
Rewind	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GC315 Link	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GC315 Plus	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
GC400 Mains	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
GC400 Link	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GC600	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DST4602	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## 8 Units




SIMONE SICES													
Home Data Events User/Company Tools Units Alessandro Panzarasa													
UNITS													
[Enter text to search...]													
T	Type	Name	Model	Rent Location	Owner	Used By	Manager	Device	Mailing List	Send Email	Parked		
1	Genset	groupe_1	CAT 222	AGADIR	Sices	Test	0	00001D9FDC34-150027-REWIND 2		No	Yes		
2	Genset	groupe_11	CAT 222	Agadir	JHB	JHB	0			No	No		
3	Genset	CAT2_UNIT1	CAT 3000	Teznir	CATERPILLAR2	CATERPILLAR2				No	No		
4	Genset	GROUPE_A	CAT456	fes	CATERPILLAR2	CATERPILLAR2	0	0000AAABBBCC-RW_JHB1-REWIND 2		No	Yes		
5	Genset	groupe_cat	fg874	centre commercial	LOUEUR1			0000AAABBBCC-RW_CDEF-REWIND		No	Yes		
6	Truck	N_Truck_1	aaa	Necropoli	Sices	Sices	0			No	No		
7	Truck	N_Truck_2	Truck		Sices	Sices	0			No	No		
8	Genset	GE_500	500	Jerago	Sices	Sices	0	00001CF9BC26-150023-REWIND 2		No	No		
9	Truck	zzz1	zzz1		Milantractor	Sices	Abdullah Salum			No	Yes		
10	Tank	test_LM	test_LM		Sices	Sices	Panzarasa Alessandro	00001B970914-R2_1408-REWIND 2	test_lm	Yes	No		
Page 16 of 17 (162 items) 1 2 3 ... 11 12 13 14 15 [16] 17													
Last Update: 05/09/2018 09:02:39													
S.I.C.E.S. S.R.L. - Via Molinello n. 8/B 21040 - JERAGO CON ORAGO (VA) Tel. +39 0331212941 Fax +39 0331216102 Version 1.30													

Add a unit

Archives unit data

Delete the unit

Display / Edit unit master data

-  This icon stores the data of the related unit. All the related data will be cleared out from the table. They will all be transferred to a secondary table that can be read from the database.
-  This icon shows the page with all the events of the related unit.
-  This icon shows the page with operational data of the related unit.

Name:*	test_LM	Type:*	Genset
Unit Type:*	Misure limitate	S/N:*	test_LM_001
Model:*	test_LM	Owner:*	Sices
Used By:*	Sices	Manager:*	Panzarasa Alessandro
Power Multiplier:	1	Value:	
Description:*	test_LM	Parked:*	Yes
Rent Location:		Position Fix:	
Contract:		Device:	00001B970914-R2_1408-REWIND 2
Park:*	Jerago	Send Email:	Yes
TimeZone:		Email Filter:	SIC_W024,REW_RW01
Mailing List:	test_lm	Tank:	
Power (kW):		Aux1 Text:	TitAux1
Aux2 Text:	AA2	Aux3 Text:	AA3
Aux1 Flag:	1	Aux2 Flag:	1
Aux3 Flag:	1		

## 8.1 Auxiliary Data

It is possible to set 3 fields of auxiliary data for each unit whose labels are Aux1 Text, Aux2 Text, Aux3 Text. The Flag field (if set to 1) makes the auxiliary data visible in the list of operational data.

Power (kW):	<input type="text"/>	Aux1 Text:	<input type="text" value="TitAux1"/>
Aux2 Text:	<input type="text" value="AA2"/>	Aux3 Text:	<input type="text" value="AA3"/>
Aux1 Flag:	<input type="text" value="1"/>	Aux2 Flag:	<input type="text" value="1"/>
Aux3 Flag:	<input type="text" value="1"/>		

Company

Sices

Units

test\_LM

Time

Server Time

Start Date

2018-10-29 00.00

End Date

2018-11-05 09.59

Filter / Save Pos.

Generate Report

Enter text to search...

													TRAux1	AA2	AA3		
31/10/2018 17.50.40					440 10.86 10.48 10.48	50,0	4,76	1401	0,0	0,0	0,0	10,7					
31/10/2018 17.49.40					440 10.86 10.50 10.47	50,0	4,76	1401	0,0	0,0	0,0	10,7					
31/10/2018 17.48.40					440 10.87 10.49 10.47	50,0	4,76	1401	0,0	0,0	0,0	10,7					

## 9 Fuel Tanks

TANKS							
[Enter text to search...]							
Name	Owner	Used By	Model	Capacity	Reserve	Min Fuel	+
T_SICES1	Sices	Portugal	0	1000	100	30	
Name: <input type="text" value="T_SICES1"/>				Model: <input type="text" value="0"/>			
Owner: <input type="text" value="Sices"/>				Capacity: <input type="text" value="1000"/>			
Used By: <input type="text" value="Portugal"/>				Reserve: <input type="text" value="100"/>			
Min Fuel: <input type="text" value="30"/>				Val Calibrate Min (%): <input type="text" value="200"/>			
Stop Enable: <input type="text" value="No"/>				Val Calibrate Max (%): <input type="text" value="1000"/>			

It is possible to associate the fuel tank in the unit record:


T	Type	Name	Model	Rent Location	Owner	Used By	Manager	Device	Mailing List	Send Email	Parked			
6	Genset	AP_0615	Fpt gas	Vergiate	Sices Ele	SICOOB	Alex patrick	00001584E0A8-110017-REWIND	GCON	No	Yes	E	O	A

Name:*	AP_0615	Type:*	Genset
Unit Type:*	Solo digitali 1	S/N:*	110017
Model:*	Fpt gas	Owner:*	Sices Ele
Used By:*	SICOOB	Manager:	Alex patrick
Power Multiplier:	1	Value:	9000
Description:*	Sistema bio-gas Vergiate	Parked:*	Yes
Rent Location:	Vergiate	Position Fix:	
Contract:	10005	Device:	00001584E0A8-110017-REWIND
Park:*	Jerago, via Molinello 8	Send Email:	No
TimeZone:	Europe/Samara	Email Filter:	
Mailing List:	GCON	Tank:	TANK_002
Power (kW):		Aux1 Text:	
Aux2 Text:		Aux3 Text:	
Aux1 Flag:	0	Aux2 Flag:	0
Aux3 Flag:	0		


## 10 Storage depot (Parking)

List of storage depots. Each unit can be associated with a depot. For rental units it shows the storage area where the equipment is placed when not in use.





[Home](#)
[Data](#)
[Events](#)
[User/Company](#)
[Tools](#)
[Units](#)
[CED Manager](#)

Map
Satellite



### PARKS

Address	Company	Geo Local	Parked Units	Total Units	
Jerago, via Molinello 8	Sices		4	17	 


## 11 How to add a new unit.

Follow these steps to add a new unit:



### 1. Storage depot


From the Storage depot web page:

Check if there is a Storage depot that can be connected to the unit. If it does not exist add it into the system.

Pressing the icon  opens up the data entry section:

Address:	Jerago, via Molinello 8	Geo Local:	45.708665, 8.807119
Company:	Sices		

By entering the GPS coordinates the depot will be displayed on the map with the icon .

The coordinates are in decimal format DD (the same format used by Google Maps)



To save click on this icon 

### 2. Device

To add a new device (Rewind, GC315Link, etc..).

From the devices page, click on the  icon

Status:*	Active	Type:*	GC315/GC400 LINK
ID:*	0000233d0930	S/N:*	CAH500249
P/N:*	E610213210000	FW:*	EB02202000138
Option List:	No options	MAC:	
Prod. Date:	05/10/2018	IMEI:	
GPS:*	Yes	Fixed IP:	No
Bi-directional:	Yes	IP:*	2.195.80.140
Owner:	Sices	Used By:	Sices Ele

To save click on this icon 

### 3. Unit

To add a unit click on  icon.

Fill in all the fields. Some will be already filled in. All the fields with an asterisk \* are mandatory.



Name:*	SCe_400_LIN2	Type:*	Genset
Unit Type:*	Misure complete	S/N:*	000001
Model:*	Gc400Link2	Owner:*	Sices Ele
Used By:*	Sices Ele	Manager:	
Power Multiplier:	1	Value:	
Description:*	test LAB	Parked:*	No
Rent Location:		Position Fix:	
Contract:		Device:	0000233d0930-CAHS00249-GC315/GC400 LINK
Park:*	Jerago, via Molinello 8	Send Email:	Yes
TimeZone:	Europe/Rome	Email Filter:	
Mailing List:		Tank:	
Power (kW):		Aux1 Text:	
Aux2 Text:		Aux3 Text:	
Aux1 Flag:		Aux2 Flag:	
Aux3 Flag:			

In the yellow boxes the storage depot and the related device are shown. Here below is the procedure how to associate a device with a depot.

#### 4. Associate a unit with a storage depo

The unit needs to be associated with a storage depo.

Deposito:*	Jerago, via Molinello 8
TimeZone:	HMD - BH
Mailing List:	Isola di Stromboli
Potenza Nom. (kW):	Itapevi
Aux2 Testo:	Jerago
Aux1 Flag:	Jerago, via Molinello 8
Aux3 Flag:	karachi
	LAPA

#### 5. Associate a device with a unit

The association of the device with the unit is essential for data recording.


Disp.Associato:	0000233d0930-CAHS00249-GC315/GC400 LINK
Invio Email:	00001DDDF162-152741-GC315/GC400 LINK
Filt Email:	000020CD6E45-170116-REWIND 2
Serbatoio:	000020CD7926-170115-REWIND 2
Aux1 Testo:	000020CD7A3A-170114-REWIND 2
Aux3 Testo:	000020CD8150-170113-REWIND 2
Aux2 Flag:	0000233d0930-CAHS00249-GC315/GC400 LINK
	0000AAAAAAA-RW2_AAA-REWIND 2

The list shows: ID – SN – Device type

To save click on this icon 

## 6. SIM card

If you want to see the SIM card number and you want to be able to track it, you can register it and connect it to a device. For the functioning of the system this is not an essential operation, but it enables you to see the number directly in the info window

To add a SIM card click on  icon.

IMSE:	1234567890123458	PIN:	0347
ICCID:	8939010001437933995	PUK:*	0000000
Provider:	TIM	Num.Dati:	+393388485825
Proprietario:	Sices	Num.Voce:	+393388485843
Usato da:	Sices	Ricaricabile:	0
Apparato:	00001584B5E4-110018-REWIND	Contratto:	10GB
Job:	Comm. 37882	Remarks:	note SIM

It is recommended to add at least: ICCID, Data Num., Provider, Owner, Used by.

If the SIM card is already intended to be used with a specific device you have to match it with the device:

Apparato:	0000233d0930-CAHS00249-GC315/GC400 LINK
Job:	000020CD7926-170115-REWIND 2
	000020CD7A3A-170114-REWIND 2
	000020CD8150-170113-REWIND 2
390100013057	000021ce6266-006266-GC315/GC400 LINK
390100013057	0000233d0930-CAHS00249-GC315/GC400 LINK
	00002347BD46-00001-GC315/GC400 LINK
	0000AAAAAAAA-RW2 AAA-REWTND 2

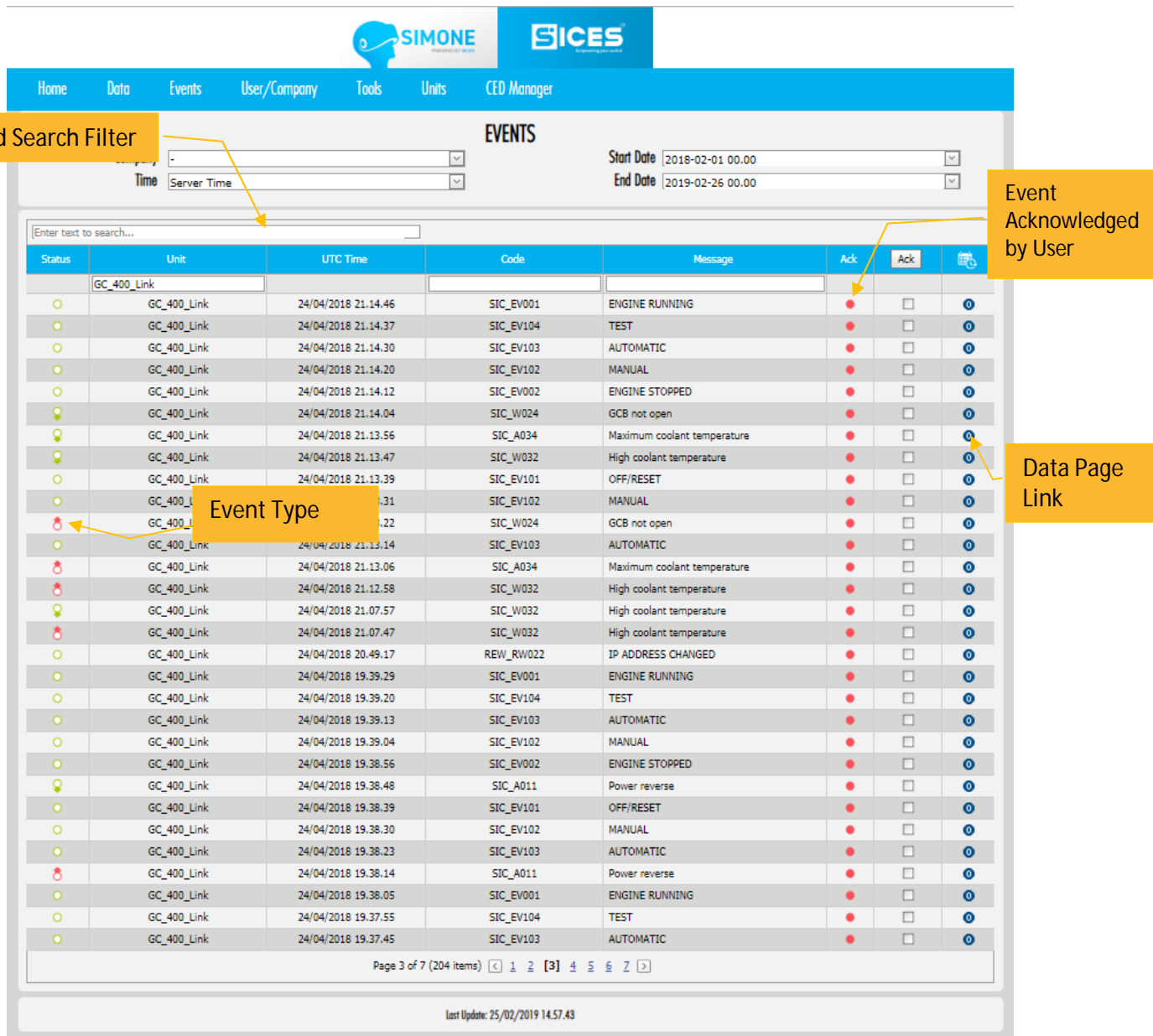
To save click on this icon 

The number will be shown in the info window of the unit:



## 12 Events

You can reach the event page from the events menu or also by clicking on the icon with the E, it shows the event list of a unit over a specific period of time.



The screenshot shows the SICES Events page. The top navigation bar includes Home, Data, Events, User/Company, Tools, Units, and CED Manager. The Events page has a search filter at the top with a text input and a dropdown for Time (Server Time). The main table lists events with columns: Status, Unit, UTC Time, Code, Message, Ack, and Ack. The table contains 204 items, with the first 10 visible. The table is annotated with several callouts:

- Advanced Search Filter**: Points to the search input and Time dropdown.
- Event Acknowledged by User**: Points to the Ack checkbox in the table.
- Data Page Link**: Points to the circular icon in the Ack column.
- Event Type**: Points to the Status column, which shows three types of event status icons: a red circle with a red arrow (Active), a green circle with a green arrow (Disabled), and a green circle (Status).

The table data is as follows:

Status	Unit	UTC Time	Code	Message	Ack	Ack	Data Page Link
○	GC_400_Link	24/04/2018 21:14.46	SIC_EV001	ENGINE RUNNING	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:14.37	SIC_EV104	TEST	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:14.30	SIC_EV103	AUTOMATIC	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:14.20	SIC_EV102	MANUAL	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:14.12	SIC_EV002	ENGINE STOPPED	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:14.04	SIC_W024	GCB not open	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:13.56	SIC_A034	Maximum coolant temperature	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:13.47	SIC_W032	High coolant temperature	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:13.39	SIC_EV101	OFF/RESET	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:13.31	SIC_EV102	MANUAL	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:13.22	SIC_W024	GCB not open	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:13.14	SIC_EV103	AUTOMATIC	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:13.06	SIC_A034	Maximum coolant temperature	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:12.58	SIC_W032	High coolant temperature	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:07.57	SIC_W032	High coolant temperature	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 21:07.47	SIC_W032	High coolant temperature	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 20:49.17	REW_RW022	IP ADDRESS CHANGED	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:39.29	SIC_EV001	ENGINE RUNNING	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:39.20	SIC_EV104	TEST	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:39.13	SIC_EV103	AUTOMATIC	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:39.04	SIC_EV102	MANUAL	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:38.56	SIC_EV002	ENGINE STOPPED	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:38.48	SIC_A011	Power reverse	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:38.39	SIC_EV101	OFF/RESET	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:38.30	SIC_EV102	MANUAL	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:38.23	SIC_EV103	AUTOMATIC	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:38.14	SIC_A011	Power reverse	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:38.05	SIC_EV001	ENGINE RUNNING	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:37.55	SIC_EV104	TEST	●	<input type="checkbox"/>	○
○	GC_400_Link	24/04/2018 19:37.45	SIC_EV103	AUTOMATIC	●	<input type="checkbox"/>	○

Page 3 of 7 (204 items) [1] [2] [3] [4] [5] [6] [7]

Last Update: 25/02/2019 14:57.43

### 12.1 Event Types

3 types of events:



Active: an alarm or warning has been activated

Disabled: the alarm / warning has been reset.

Status: it shows a generic state.

The event is normally acknowledged by the operator through pressing the ACK (Acknowledge) button. Acknowledged events no longer appear on the home page, but will always be visible on the event page.

## 13 Customization

It is possible to customize the layout of the Simone by clicking this icon



**COMPANIES**

Enter text to search...

Name	Email	Max Nm	Used Units	Parked Units	
Sices	techelp@sices.eu	35	22	8	
Test	techelp@sices.eu	30	4	3	

**Company Visual Configuration - Portugal**

Background Color: #DBFFBB  
 Table Header Color: #007A08  
 Alternate Row Color: #DBFFCC  
 Footer: S.I.C.E.S. Portugal - Oporto

Load Logo (.png 180x70)  
 Actual Logo:

Scegli file: Nessun file selezionato

Save Configuration

**Navigation Bar:** Home | Dati | Eventi | Utenti/Aziende | Tools | Unità | demo20 demo20

**Map:** Mappa | Satellite

**Stato Apparato:** Solo connessi  
**Ora:** Server Time  
**Azienda:** -

**EVENTI**

Enter text to search...

Stato	Unità	Ora Ricezione	Codice	Messaggio	Ack
	IPIRA	06/04/2015 18.41.52	REW_RW025	BOARD DISCONNECTED	<input type="checkbox"/>
	IPIRA	06/04/2015 18.41.39	BRD_A000	Sd High Eng Temp	<input type="checkbox"/>

Last Update: 17/10/2018 09.53.12


S.I.C.E.S. Portugal - Oporto  
Version 1.33

## 14 Legend - ICONS








### 14.1 SiMoNe map Legend

Here below you can find a description of the icons.

#### 14.1.1 Storage Depot






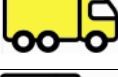

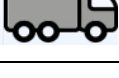
Icon	Colour	Status	Description
	Blue	--	It identifies the Storage Depot. It has a fixed position; its status does not change.

#### 14.1.2 Generators

Icon	Colour	Status	Description
	Grey dashed outline	Disconnected / no communication	The unit is not sending any data. It appears on the map in its last tracked position.
	Blue	Movement	The last data refers to a movement (RW013 or RW013A).
	Red	Alarm	An alarm/alert or an emergency stop is active. The alarm can come from the controller, or from a digital input of the Rewind (2-Warning, 3-Shutdown, 4-emergency stop functions). (connected to warn, shut, Emerstop fields)
	Orange	Fuel level	Digital input, "5-min. fuel level" active (connected to the field fuelreserve)
	Yellow	Maintenance required	Maintenance required. It can come from the controller of the maintenance status (missing hours <=0). It can be also managed by the Rewind. See maintenance management.
	Green	Engine start, active generator	The engine start is detected by the controller, or by a digital input (1- engine start function).
	Grey	Stationary unit, engine shut off	It can communicate, but the engine is off, no reporting.






Note: the status appears in order of importance (descending order). Ex.: if the engine is on, but there's an alarm (higher priority), the icon colour will be red.

### 14.1.3 Vehicles

Icon	Colour	Status	Description
	Grey dashed outline	Disconnected / no communication	The unit is not sending any data. It appears on the map in its last tracked position
	Blue	Movement	The last data refers to a movement (RW013 or RW013A).
	Red	Alarm	An alarm/alert or an emergency stop is active. The alarm come from digital inputs (2-Warning, 3-Shutdown, 4-emergency stop functions). (connected to warn, shut, Emerstop fields)
	Orange	Power take-off (PTO)	Digital input 6-Status1 function active
	Black	Activated tanker	Digital input 7-Status2 function active
	Yellow	Maintenance required	Maintenance out of date. Connected to the digital input 1-Engine start. See maintenance management.
	Green	Engine start but stationary vehicle	Digital input with 1-Engine start function active
	Grey	Vehicle shut off	It can communicate, but the engine is off, no reporting.

Note: the status appears in order of importance (descending order). Ex.: if the engine is on, but there's an alarm (higher priority), the icon colour will be red.

### 14.1.4 Tanks

Icon	Colour	Status	Descrizione
	Grey	Disconnected / no communication	The unit is not sending any data. It appears on the map in its last tracked position
	Blue	Movement	The last data refers to a movement (RW013 or RW013A).
	Red	Empty tank	An alarm/alert or an emergency stop is active. The alarm come from digital inputs (2-Warning, 3-Shutdown, 4-emergency stop functions). (connected to warn, shut, Emerstop fields)
	Orange	Fuel reserve	20% fuel left.
	Green	Dispensing fuel	Digital input with function active

# 15 Reports and Tracking

## 15.1 Operational Data Section

The map in the operational data page shows all the positions detected in the period between start date and end date.

**DATI OPERATIVI**

Azienda: Sices  
Unità: test\_LM  
Ora: Server Time  
Data Inizio: 2018-09-17 00:00  
Data Fine: 2018-09-17 20:00  
Filtra / Salva Pos.

Genera Report

17/09/2018 10:46:54	○	○	0	0.00	0,0	0,00	1511	0,0	0,0	0,0	0,0							
17/09/2018 10:46:15	○	○	0	0.00	0,0	0,00	1511	0,0	0,0	0,0	0,0							
17/09/2018 10:45:35	○	○	0	0.00	0,0	0,00	1511	0,0	0,0	0,0	0,0							

Once the filter parameters are set and a unit has been selected, the table will display all the data of that specific unit. The map shows the tracked route and each dot is a position detected and its related data. The icons on the map show the tracking of the selected unit in the selected period. It shows also the status and the time when an event has been detected. This helps to see both the route and the change of the status for that selected unit.

## 15.2 Reports

To generate reports do as follows:

1. Select the unit from the list

Company    
 Units    
 Time

2. Set the time interval.

Start Date    
 End Date

3. Click "Filter / Save Pos." Button to confirm.

4. Once the data has been uploaded, click on "Generate Report"

It creates the data that will be exported. After the operation has been completed you can see the icon to download the file:



Download PDF Report



Download Excel Report



Download Excel file containing the exported data



Examples:

report02\_20180904112853.xlsx - Excel

Alessandro Panzarasa

FileHomeInserisciLayout di paginaFormuleDatiRevisioneVisualizzaComponenti aggiuntiviTeamDimmi

C6

SIMONE REPORT					
Table	si_SICES_001	Description	Genset 8873		
Units	Sices_001	Owner	SICES		
S/N	001	Rent	Jerago		
Model	Alpha 48				
First Record received	01-08-2018 00:14:06	Maintenance Hours	0		
Last Record received	23-08-2018 12:13:58	Total Time	22 Days 11 Hours 59 Minuts		
Hour Counter Start	33295	Energy Counter Start	4526222		
Hour Counter Stop	33602	Energy Counter Stop	4625093		
Total Hours	307	Totale Energy	98871		
EVENTS					
Receiving Time	Event	Description	GPS position	Temp °C	Oil Press. (bar)
01-08-2018 13:42:24	SIC_W746	INT.SERV.SECOND.APERTI	+45.7081,+8.807	79,4	7,1
02-08-2018 08:40:20	SIC_W426	Alto valore: LIV.COMB.CISTER	+45.7081,+8.8073	81,1	7,2
02-08-2018 10:03:33	SIC_W426	Alto valore: LIV.COMB.CISTER	+45.7081,+8.8071	81,1	7,1
02-08-2018 10:05:11	SIC_W746	INT.SERV.SECOND.APERTI	+45.7083,+8.807	80,7	7,1
07-08-2018 17:37:11	SIC_W901	Inizio Ciclo Lavaggio Iniettori	+45.708,+8.8069	82,1	7,1
07-08-2018 17:52:07	SIC_A901	Inizio Ciclo Lavaggio Iniettori	+45.7084,+8.8072	80,8	7,3
09-08-2018 09:15:39	SIC_U708	MIN/MAX LIV OLIO COPPA	+45.7083,+8.8069	76,1	0
09-08-2018 09:23:56	SIC_U708	MIN/MAX LIV OLIO COPPA	+45.7081,+8.807	75,3	0,1
09-08-2018 10:30:25	SIC_W758	Inib.Allarm Min.Temp.Cilindri	+45.708,+8.8071	67,7	8,1
09-08-2018 10:40:35	SIC_W758	Inib.Allarm Min.Temp.Cilindri	+45.7082,+8.8071	77,9	7,5
10-08-2018 16:03:22	SIC_W758	Inib.Allarm Min.Temp.Cilindri	+45.7084,+8.8072	80,4	7,1
10-08-2018 16:14:28	SIC_W903	Erogazione a gasolio	+45.7082,+8.8071	77,9	7,4
10-08-2018 16:38:29	SIC_W758	Inib.Allarm Min.Temp.Cilindri	+45.708,+8.8073	76,8	0,1
10-08-2018 16:38:34	SIC_A903	Erogazione a g			
20-08-2018 07:55:53	SIC_W758	Inib.Allarm Mi			

report02\_201809041128

FileHomeInserisciLayout di paginaFormuleDatiRevisione

Eventi

Dati

Dati Mensili

Grafico

Pronto

report02\_20180904112853.xlsx - Excel

Alessandro Panzarasa

report02\_20180904112853.xlsx - Excel

File Home Inserisci Layout di pagina Formule Dati Revisione Visualizza Componenti aggiuntivi Team Dimmi

A2

SIMONE REPORT							
Table	si_SICES_001	Description	Genset 8873				
Units	Sices_001	Owner	SICES				
S/N	001	Rent	Jerago				
Model	Alpha 48						
DATA							
Receiving Time	Work Hours	Hours	Total Energy kWh	Total Energy kWh	GPS Position	Temp °C	Maint. Hours
01-08-2018 23:59:06	33319	24	4534097	7875	+45.7082,+8.8071	81,2	0
02-08-2018 23:59:06	33343	24	4542241	8144	+45.7083,+8.8073	77,9	0
03-08-2018 23:59:06	33367	24	4550263	8022	+45.7084,+8.8071	79,4	0
04-08-2018 23:59:06	33391	24	4557927	7664	+45.708,+8.8069	79,8	0
05-08-2018 23:59:06	33415	24	4565593	7666	+45.7082,+8.807	79,8	0
06-08-2018 23:59:06	33439	24	4573266	7673	+45.7084,+8.807	80,5	0
07-08-2018 23:59:07	33463	24	4580908	7642	+45.708,+8.807	81,8	0
08-08-2018 23:59:07	33487	24	4588565	7657	+45.7081,+8.8072	81,6	0
09-08-2018 23:59:06	33509	22	4595721	7156	+45.7084,+8.8073	79,8	0
10-08-2018 23:28:49	33526	17	4600913	5192	+45.7083,+8.8072	50,2	0
11-08-2018 23:28:32	33526	0	4600913	0	+45.7082,+8.8072	30,1	0
12-08-2018 23:28:15	33526	0	4600913	0	+45.7082,+8.807	26,3	0
13-08-2018 23:27:57	33526	0	4600913	0	+45.7081,+8.8071	23,1	0
14-08-2018 23:27:40	33526	0	4600913	0	+45.7084,+8.8072	24,5	0
15-08-2018 23:27:23	33526	0	4600913	0	+45.7081,+8.8071	26	0
16-08-2018 23:27:06	33526	0	4600913	0	+45.7082,+8.8071	26,5	0
17-08-2018 23:26:55	33526	0	4600913	0	+45.7086,+8.8068	27,6	0
18-08-2018 23:26:32	33526	0	4600913	0	+45.7083,+8.8071	27,2	0
19-08-2018 23:26:15	33526	0	4600913	0	+45.7082,+8.807	27,8	0
20-08-2018 23:59:06	33542	16	4605838	4925	+45.7082,+8.8076	79,1	0
21-08-2018 23:59:06	33566	24	4613507	7669	+45.7083,+8.8071	79,4	0
22-08-2018 23:59:06	33590	24	4621175	7668	+45.7082,+8.8072	79,4	0
23-08-2018 12:13:58	33602	12	4625093	3918	+45.708,+8.8072	79,8	0

Eventi

Dati

DatiMensili

Grafico

GraficoPoter ...

Pronto

100%

## 15.3 Tracking

On the unit data page, the map contains all the points from which the device has transmitted during the selected period. To see the route follow these instructions:

1. Set the unit from the list:

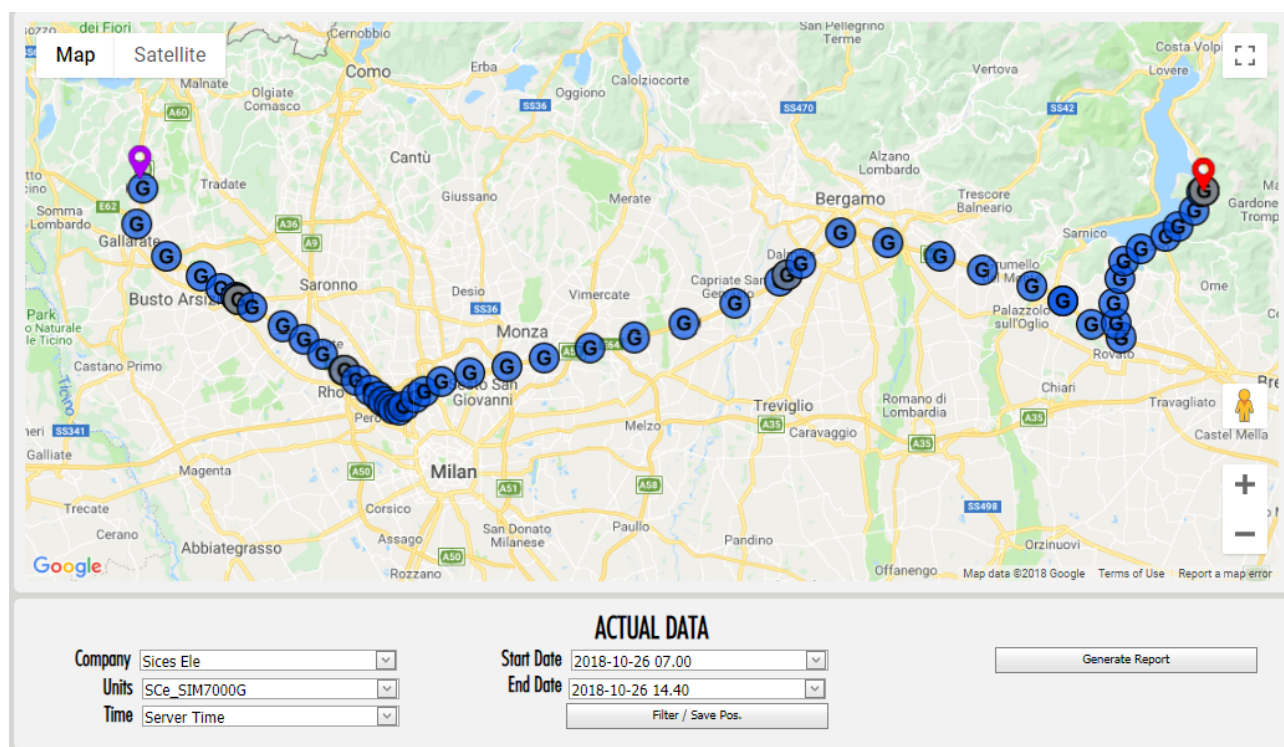
Company    
Units    
Time

2. Set the time interval.

Start Date    
End Date

3. Click "Filter / Save Pos." Button to confirm.

4. The map will show the route:



First position detected



Last position detected

Intermediate positions (depends on the type and status of the unit):

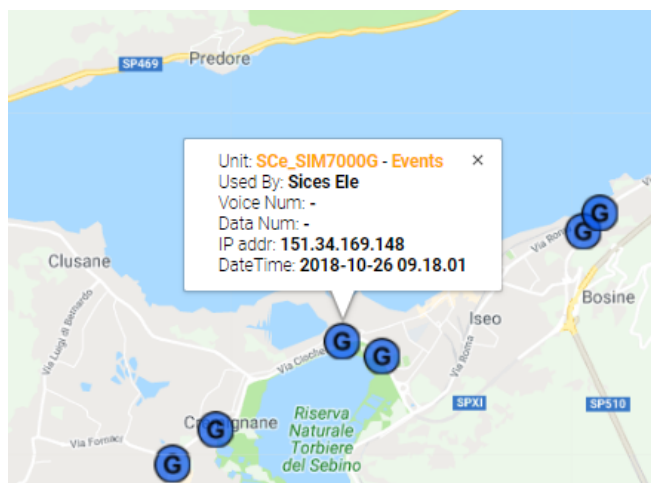


Type: gset  
Status: moving



Type: genset,  
Status: stationary

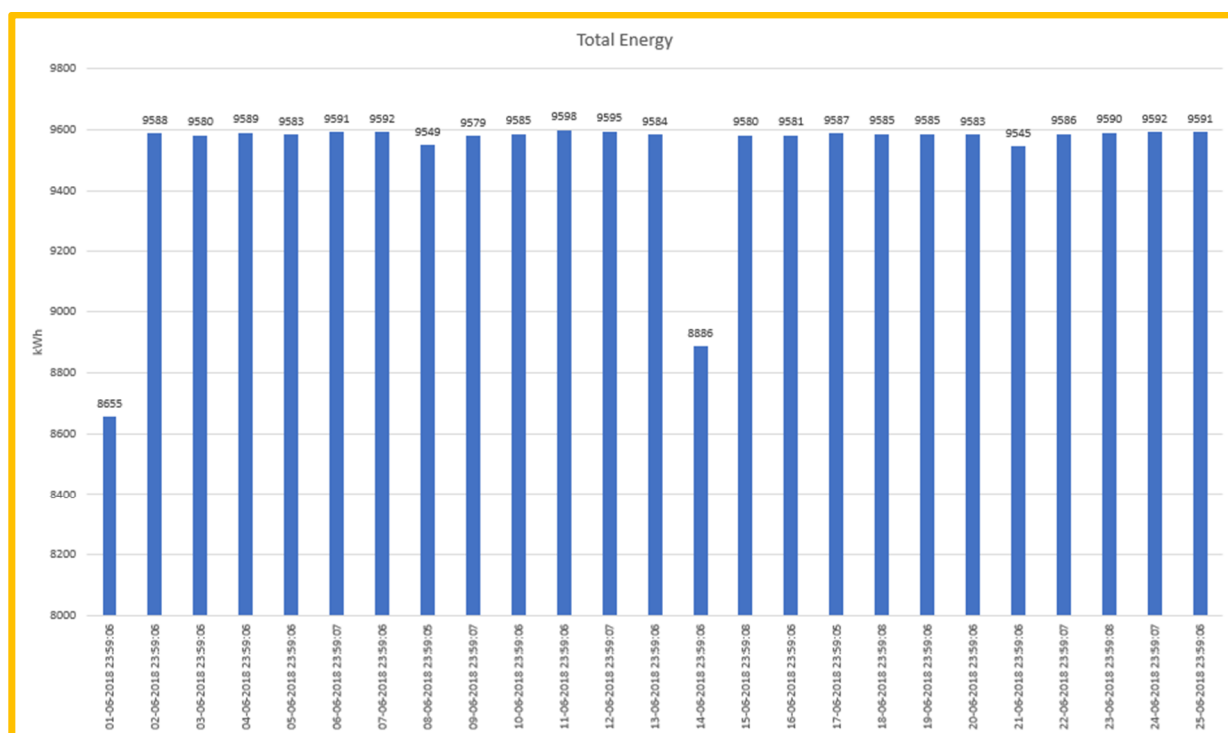
It is possible to click on each single point to open the info window to know the exact date and time of data transmission.:



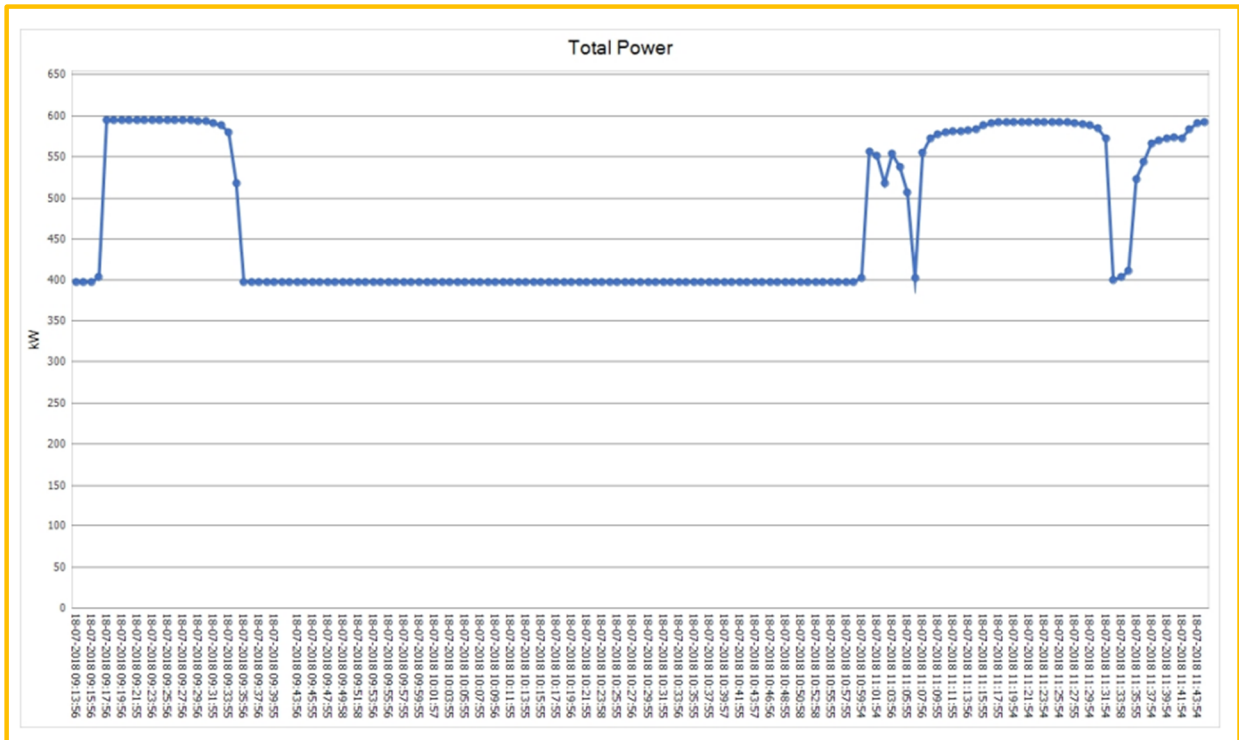
## 16 Charts

You can find the charts into the report.

### 16.1 Daily production chart



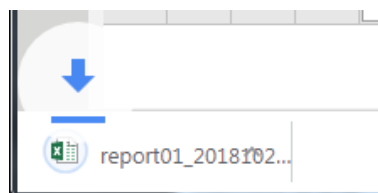
## 16.2 Power chart



## 17 Export data



Download the .xlsx file containing the data selected data



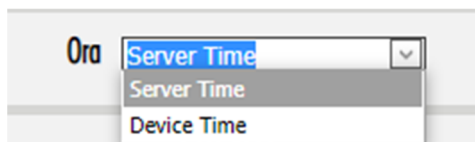
report01_20180904122433.xlsx - Excel														
Alessandro Panzarasa														
File Home Inserisci Layout di pagina Formule Dati Revisione Visualizza Componenti aggiuntivi Team Cosa vuoi fare?														
D9 04/09/2018 06:59:32														
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	idRecord	ID	DST	LocalDateTime	UTC	RcvTime	GPSFix	GPSok	AbsWorkHours	AbsDevHours	HoursToMaint	BattV	Running	Wa
2	1763	000018970914	False	01/01/2000 00:00:00		04/09/2018 08:55 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
3	1764	000018970914	False	04/09/2018 06:56	04/09/2018 06:56	04/09/2018 08:56 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
4	1765	000018970914	False	04/09/2018 06:56	04/09/2018 06:56	04/09/2018 08:56 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
5	1766	000018970914	False	04/09/2018 06:56	04/09/2018 06:56	04/09/2018 08:56 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
6	1767	000018970914	False	04/09/2018 06:57	04/09/2018 06:57	04/09/2018 08:57 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
7	1768	000018970914	False	04/09/2018 06:58	04/09/2018 06:58	04/09/2018 08:58 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
8	1769	000018970914	False	04/09/2018 06:58	04/09/2018 06:58	04/09/2018 08:58 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
9	1770	000018970914	False	04/09/2018 06:59	04/09/2018 06:59	04/09/2018 08:59 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
10	1771	000018970914	False	04/09/2018 07:00	04/09/2018 07:00	04/09/2018 09:00 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
11	1772	000018970914	False	04/09/2018 07:00	04/09/2018 07:00	04/09/2018 09:00 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
12	1773	000018970914	False	04/09/2018 07:01	04/09/2018 07:01	04/09/2018 09:01 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
13	1774	000018970914	False	04/09/2018 07:02	04/09/2018 07:02	04/09/2018 09:02 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
14	1775	000018970914	False	04/09/2018 07:02	04/09/2018 07:02	04/09/2018 09:03 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
15	1776	000018970914	False	04/09/2018 07:03	04/09/2018 07:03	04/09/2018 09:03 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
16	1777	000018970914	False	04/09/2018 07:04	04/09/2018 07:04	04/09/2018 09:04 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
17	1778	000018970914	False	04/09/2018 07:04	04/09/2018 07:04	04/09/2018 09:04 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
18	1779	000018970914	False	04/09/2018 07:05	04/09/2018 07:05	04/09/2018 09:05 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
19	1780	000018970914	False	04/09/2018 07:06	04/09/2018 07:06	04/09/2018 09:06 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
20	1781	000018970914	False	04/09/2018 07:06	04/09/2018 07:06	04/09/2018 09:06 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
21	1782	000018970914	False	04/09/2018 07:07	04/09/2018 07:07	04/09/2018 09:07 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
22	1783	000018970914	False	04/09/2018 07:08	04/09/2018 07:08	04/09/2018 09:08 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
23	1784	000018970914	False	04/09/2018 07:08	04/09/2018 07:08	04/09/2018 09:09 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
24	1785	000018970914	False	04/09/2018 07:09	04/09/2018 07:09	04/09/2018 09:09 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
25	1786	000018970914	False	04/09/2018 07:10	04/09/2018 07:10	04/09/2018 09:10 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
26	1787	000018970914	False	04/09/2018 07:10	04/09/2018 07:10	04/09/2018 09:11 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
27	1788	000018970914	False	04/09/2018 07:11	04/09/2018 07:11	04/09/2018 09:11 +0.00000,+0.0000	False	804	755	1549	10,8	False	False	
28	1789	000018970914	False	04/09/2018 07:12	04/09/2018 07:12	04/09/2018 09:12 +0.00000,+0.0000	False	804	755	1549	11,0	False	False	
29	1790	000018970914	False	04/09/2018 07:12	04/09/2018 07:12	04/09/2018 09:12 +0.00000,+0.0000	False	804	755	1549	11,0	False	False	
30	1791	000018970914	False	04/09/2018 07:13	04/09/2018 07:13	04/09/2018 09:13 +0.00000,+0.0000	False	804	755	1549	11,0	False	False	
31	1792	000018970914	False	04/09/2018 07:14	04/09/2018 07:14	04/09/2018 09:14 +0.00000,+0.0000	False	804	755	1549	11,0	False	False	
32	1793	000018970914	False	04/09/2018 07:14	04/09/2018 07:14	04/09/2018 09:15 +0.00000,+0.0000	False	804	755	1549	11,0	False	False	
33	1794	000018970914	False	04/09/2018 07:15	04/09/2018 07:15	04/09/2018 09:15 +0.00000,+0.0000	False	804	755	1549	11,0	False	False	

The exported data can be used for processing or to create charts.

## 18 Server time /Local time

To establish when an event occurred and/or when the data package has been sent by the **REWIND**, please refer to hourly recording.

We have two different timing **Server time** and **Local time**:



- **Server time:** the server receives the data package sent by the **REWIND**. It is the time/hour when the data is received by the server.



**Note:** *Server time could be different from local time Localtime*

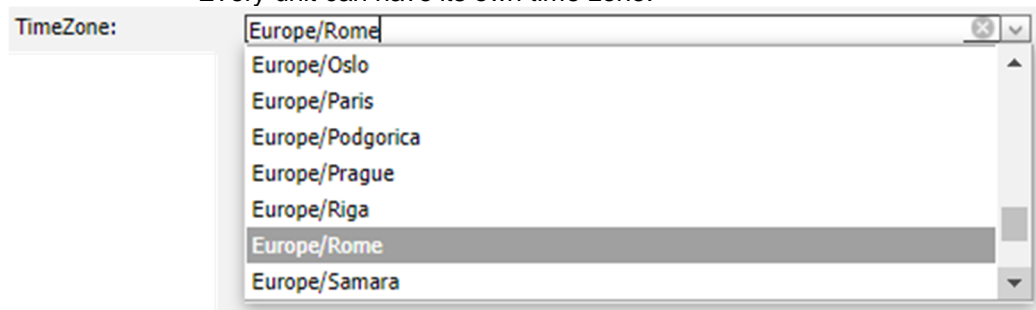
- **Local time:** time of registration of the device (according to the time zone). To properly obtain **local time UTC** (Universal Time Coordinated) +**Time zone** + **Daylight saving time** must be set correctly.

The display order can be changed at any time because the time registration on the database shall be by UTC, **Server time** and **Local time**.

### 18.1 Time zone

#### 18.1.1 Time zone selection

Every unit can have its own time zone:



### 18.2 Localtime configuration

The **Local time** registration is connected to different parameters:

- **UTC:** Universal Time-Coordinated
- **Time Zone:** it should be set in the unit.
- **Daylight saving time:** according to the country where the **REWIND** is installed.

The REWIND UTC registration can be done in two different ways:

- The UTC is directly sent by the satellite if the GPS option is included in the device and/or there's a proper satellite coverage.
- If there is no GPS or no satellite coverage the UTC is acquired by the REWIND when it is connected to the server.

## 19 User Profile

User Profile

Username

maini

Name

Luigi

Surname

Maini

Company

Sices

E-mail

luigi.maini@torreinformatica.it

Mobile Phone

0331637986

Country

Italia

Language

English

Security Level

SuperAdmin

Change Password

Old Password

New Password

Repeat New Password

Change Password

Save Profile

In this area it is possible to modify the user profile. Username, Company and Role are not editable by the user himself but only by a superuser. You can change the password by entering the current one and then entering a new one (double entry).

By changing the language all the menus and pages will be displayed in the chosen language. English is the default language.

## 19.1 Language

The web interface is available in 3 languages:

- English
- Italian
- Portuguese

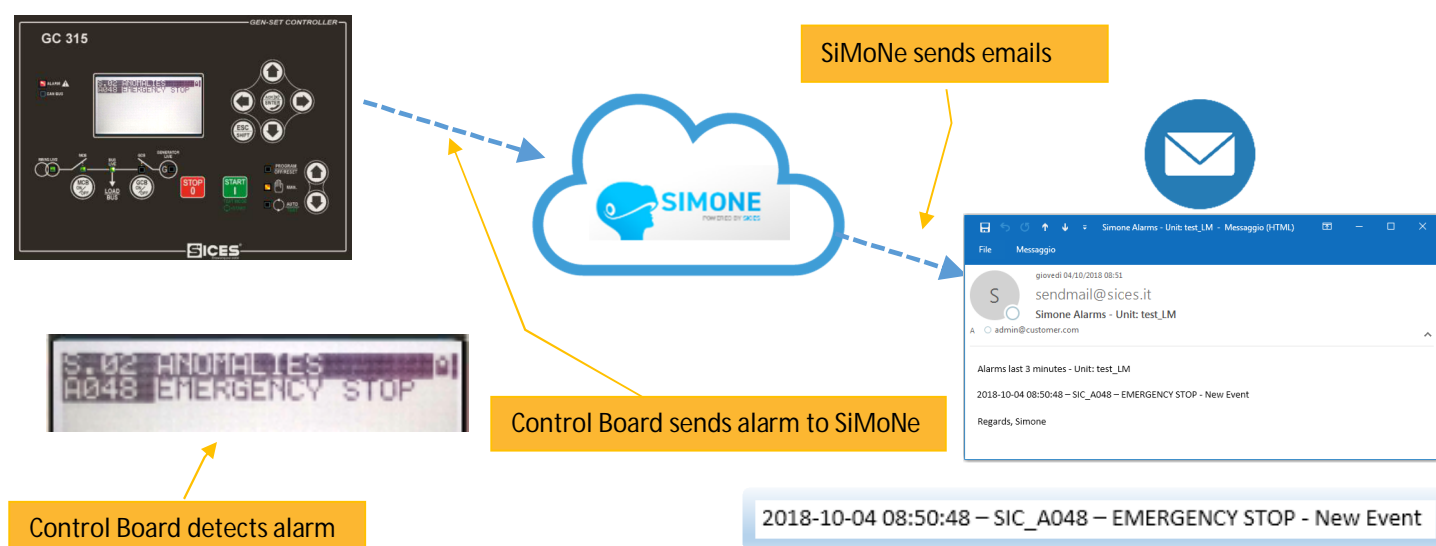
The language can be associated to the user (each user can choose a language).

## 20 E-mail Alert

### 20.1 Email submission procedure

When the controller detects an event (alarm, pre-alarm, engine start...) this is immediately sent to the SiMoNe server which registers in the events table.

The mailing service detects the presence of new events every 3 minutes and sends an email to the addressees for each unit containing the last events.



### 20.2 E-mail address

The system checks if there is a notification list associated to the unit. It then sends an email to all the addresses listed.



## 20.3 Notification List and Event Filter

Sending emails is linked to the unit. In the unit registration it is possible to define the parameters for sending the emails generated by the events of a specific unit:

- The unit manager (the manager is a user who should also have an associated email address)
- the notification list (or mailing list)
- the filter for emails.
- Activation when sending emails

T	Type	Name	Model	Rent Location	Owner	Used By	Manager	Device	Mailing List	Send Email	Parked			
G	Genset	AP_0615	Fpt gas	Vergiate	Sices Ele	SICOOB	Alex patrick	00001584E0A8-110017-REWIND	GCON	No	Yes	E	O	A

Name:*	AP_0615	Type:*	Genset
Unit Type:*	Solo digitali 1	S/N:*	110017
Model:*	Fpt gas	Owner:*	Sices Ele
Used By:*	SICOOB	Manager:*	Alex patrick
Power Multiplier:	1	Value:	9000
Description:*	Sistema bio-gas Vergiate	Parked:*	Yes
Rent Location:	Vergiate	Position Fix:	
Contract:	10005	Device:	00001584E0A8-110017-REWIND
Park:*	Jerago, via Molinello 8	Send Email:*	No
TimeZone:	Europe/Samara	Email Filter:*	
Mailing List:*	GCON	Tank:*	TANK_002
Power (kW):		Aux1 Text:	
Aux2 Text:		Aux3 Text:	
Aux1 Flag:	0	Aux2 Flag:	0
Aux3 Flag:	0		

### 20.3.1 Notification list

Below we show how to use the notification lists.



To use this service, you need to configure the following properties:

- 1- Create one or more notification lists in which to enter the email addresses to receive notifications.

Form for creating a notification list:

List Name:       Emails:

Language:       Company:








Note: the addresses must be entered in the "Emails" field and must be separated by a semicolon.  
Example: **albert.alphabeta@gmail.com; robert.gamma@sices.eu; georgelake@hotmail.com**

- 2- associate a created mailing list to the unit (Mailing List)

- 3- indicate any event codes for which you DO NOT want to be notified (Filter Email)

**UNITS**

Enter text to search...

T	Type	Name	Model	Rent Location	Owner	Used By	Manager	Device	Mailing List	Send Email	Parked			
	Genset	test_LM	test_LM		Sices	Sices	Panzarasa Alessandro	00001B970914-R2_1408-REWIND 2	test_lm	Yes	Yes			

Form for editing unit details:

Name:       Type:

Unit Type:       S/N:

Model:       Owner:

Used By:       Manager:

Power Multiplier:       Value:

Description:       Parked:

Rent Location:

Contract:

Position Fix:

Park:       Device:

Send Email:

TimeZone:

Email Filter:

Mailing List:

Tank:

Power (kW):

Aux1 Text:



Aux2 Text:

Aux3 Text:

Aux1 Flag:

Aux2 Flag:

Aux3 Flag:

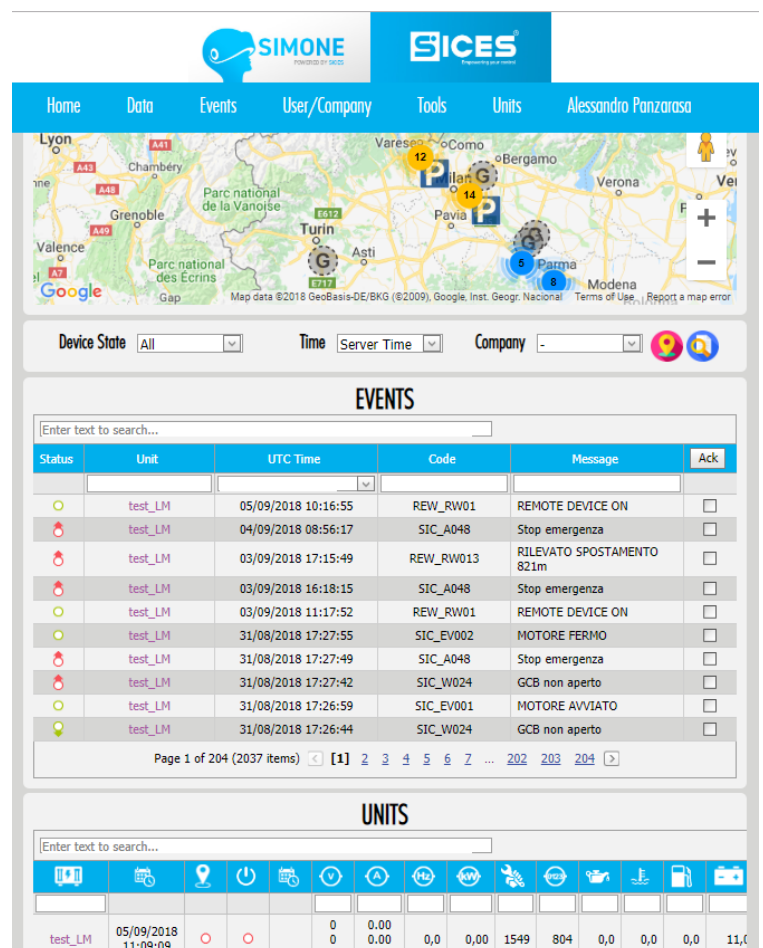
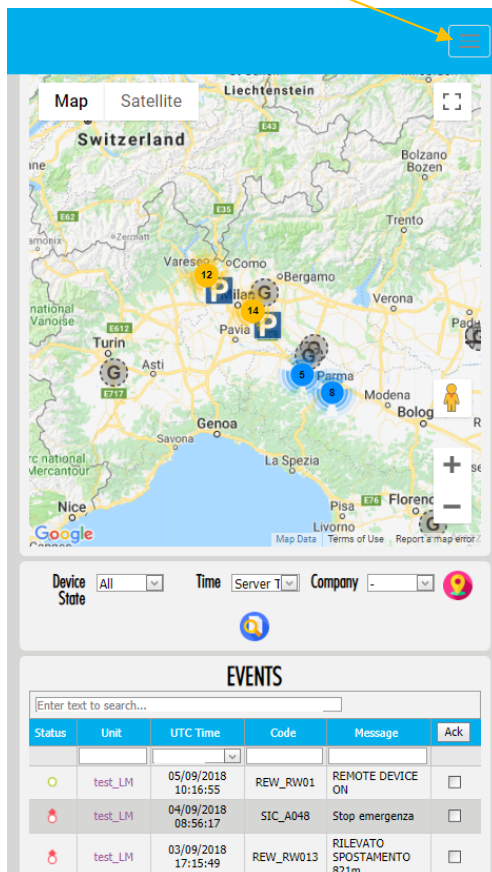
Every 3 minutes a service checks the presence of alarms and sends a summary email to the indicated mailing list. Only events from the last 3 minutes are sent.

## 21 Screen adaptability

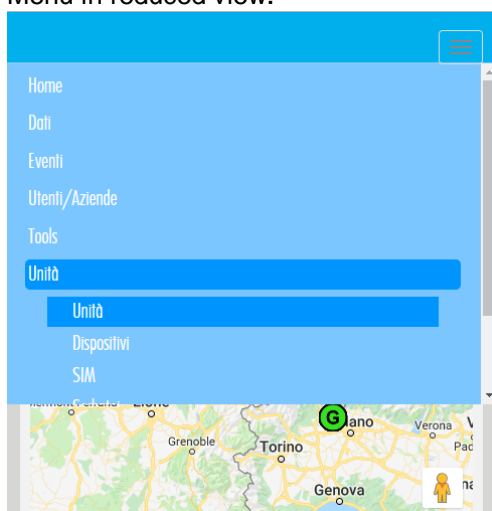
The pages are able to adapt to the size of the screen.

In the smallest format, the menu disappears leaving only an icon that allows you to recall it..

Menu Call



Menu in reduced view:



## 22 Event Codes

The following table lists the main types and codes generated by the system:

SiMoNe's Event Codes		
<b>Suffixes event codes</b>		
<b>WEB_</b>		From web pages
<b>REW_</b>		Alerts generated by Rewind
<b>MES_</b>		Messages generated by MeSSer service
<b>SIC_</b>		Events detected by Sices board (DST4400, DST4601/PX, GCxxx, DST4602)
<b>DSE_</b>		Events detected by DSE board
<b>BRD_</b>		Events detected by generic board
<b>Events generated by web management:</b>		
WEB_000001		Parked
WEB_000002		Unparked
WEB_000003		Slave_IO fault
WEB_000004		Slave_SQL fault
WEB_000005		Slave errors
<b>Events generated by the service:</b>		
MES_ZR01		MeSSer 1 Ver.1.0.3.1 STARTED
MES_ZR02		MeSSer 3 STOPPED
<b>Warning examples from Sices board (code and description from the board):</b>		
SIC_W077		External 24Vdc failure
SIC_W202		WRONG NUMBER OF GENSET OVER THE PMCB-BUS
SIC_W014		GCB NOT CLOSED
SIC_W024		GCB NOT OPEN
<b>Deactivation examples from Sices board (code and description from the board):</b>		
SIC_D003		MINIMUM GENERATOR FREQUENCY
SIC_D089		MT breaker open
<b>Alarm examples from Sices board (code and description from the board):</b>		
SIC_A024		GCB NOT OPEN
<b>Events / status from Sices board</b>		
SIC_EV001		ENGINE RUNNING
SIC_EV002		ENGINE STOPPED
SIC_EV003		Not defined
<b>Warning/Alarm examples from DSE board</b>		

DSE_W010		Low Generator Voltage
DSE_S001		Emergency stop
DSE_S007		Startup failed
DSE_W616		Flexible Sensor High
<b>Events from Rewind (code and description from Rewind):</b>		
REW_RW01		REMOTE DEVICE ON
REW_RW010		LOW BATTERY LEVEL
REW_RW012		MAINTENANCE REQUESTED
REW_RW013		MOVEMENT DETECTED (xxx) m
REW_RW014		POWER-SAVE ACTIVATED
REW_RW015		GSM CONN. OCCURRED
REW_RW016		PARAMETERS RECEIVED
REW_RW017		RESTART MODEM (SIGNAL)
REW_RW018		RESTART MODEM (STATUS)
REW_RW024		DATA REQUIRED
REW_RW025		BOARD DISCONNECTED
REW_RW029		MIN. TANK LEVEL.(STOP CMD)
REW_RW211		POWER-SAVE DEACTIVATED

<b>Example of events from digital inputs of Rewind (Code and description configurable by Rewind)</b>		
REW_I001		ENGINE STOPPED
REW_I005		RESTING TOWER
REW_I006		LOW OIL LEVEL DEACTIVATED

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