

Fleet Control.

User manual



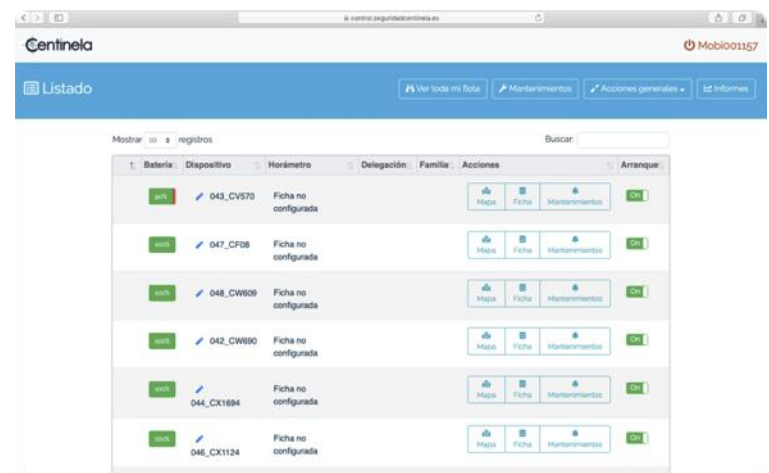
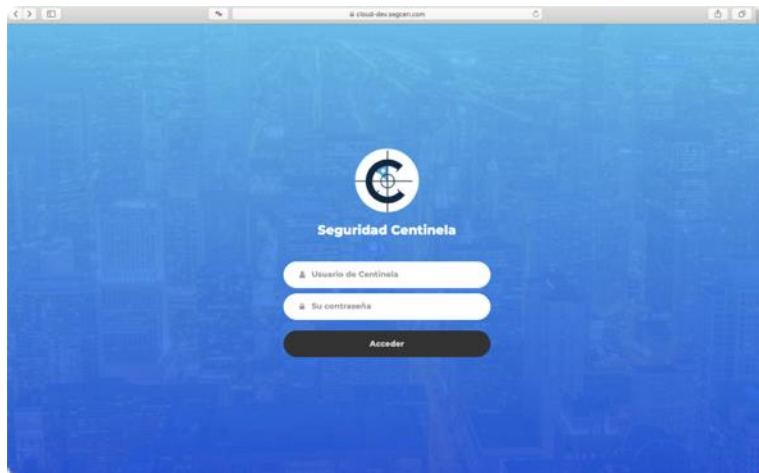
Background.

This program is designed so that you can have a simple, direct and user-friendly “fleet control” tool. We have added all the necessary information showing it clearly and without superfluous elements. In general, you may have the following information:

- Updated location of your entire fleet.
- Detailed information on each of your vehicles. (position, speed, route, coverage, etc)
- Easy access to information to know the activity of your fleet on a given day.
- Activity reports for your vehicles.
- Possibility of managing the maintenance of your vehicles (hours, km and dates)
- Notifications in case of malfunctions.
- Possibility of blocking the start of your vehicle.
- Connection via API with your ERP / CRM program.

WEB Access.

You can access the platform by clicking on the following link. <https://control.seguridadcentinela.es/>. Doing so will show you the screen on the left.



Enter your passwords and press "Access". Doing so will bring up the screen on the right. In it you will see the list of all the vehicles that you have in your account. In the columns there are several concepts and this list can be ordered according to each of the criteria in each column using the arrows. The columns are. Status, Battery, Name, Hourmeter, Delegation, Family.

Each device occupies one row. Next to the name, a red flashing icon will appear if there is any anomaly (low battery, more than 24 hours without communication with the device, maintenance exceeded, lack of GPS coverage, etc.)

In Status (teardrop-shaped icon next to the name), it indicates whether it is currently Running (green), Stopped (red) (no activity less than 4 hours) or Parked (black) (no activity more than 4 hours).

On battery, the device's battery charge level is indicated.

The hours of the machine are indicated in the Hourmeter column. The hours advance according to the work done by the machine. For the hourmeter to be available, you must complete the Machine Sheet. (the same happens with Delegation and Family).

The Delegation column is very useful to assign each machine to each Delegation. It is very useful for companies that have several locations or distribution bases.

The Family column allows the machines to be classified according to the uses of each machine. (Diesel, electric, commercial vehicles, etc)

To the right of the row, in the "Actions" column, there are 5 buttons. Maps, Tab, Maintenance, Daily Report and Lock / Unlock.

The row will have a salmon background when the machine has not been active on the current day.

Maps.

When you press Maps, a screen like the one on the right appears. On the left side you can see vehicle information. In the upper central area, there are two buttons Location and Itinerary.

By default "Location" always appears. Shows the current location of the vehicle. If you press "Itinerary", the current day's itinerary is displayed. If you want to see the information of any other day, at the top right you can

indicate the day and press "Confirm".

To return to the listing page, you can click on the "Return to listing" button.

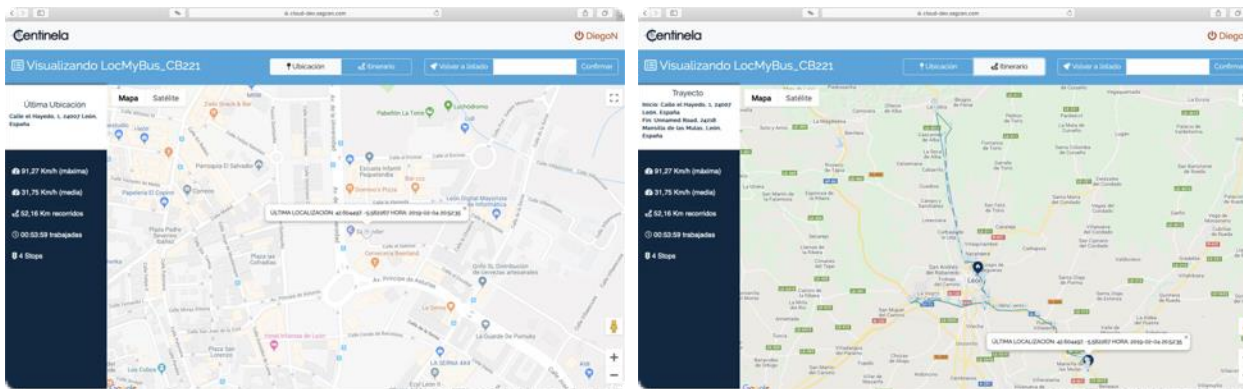
In the Itinerary option, the beginning and end of the route (blue icons), the stopping points (red icon) are indicated. On the route indicated on the map, a series of points appear. If you place the mouse cursor over them and click, you will get additional information (time, speed).

You can choose the map format. At the top left there are two buttons Map and Satellite. You can choose to view it in Map version or Satellite view. By default it is in the Map version..

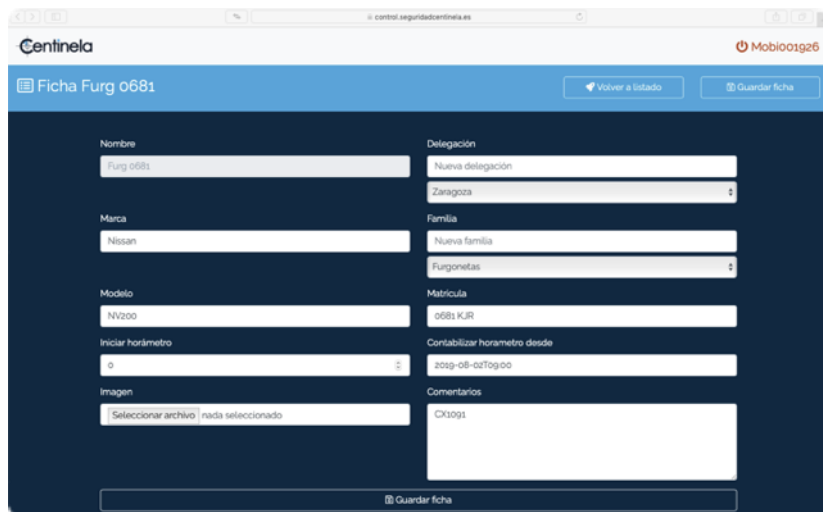
In the lower right area of the map, you have the Zoom and the "Street View" icon.

In the left area, the last location is indicated with all the details. A little further down, on a dark blue background, useful complementary information is shown for the user. The information varies when you click on Location or Itinerary.

If on the current day, the vehicle or machine has not made any movement, a window will appear on the left with a red background to indicate it. Information on the last day there was any activity will appear on the map.



File



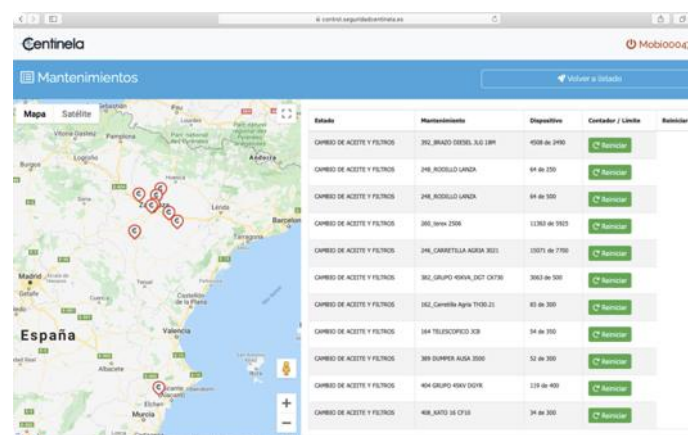
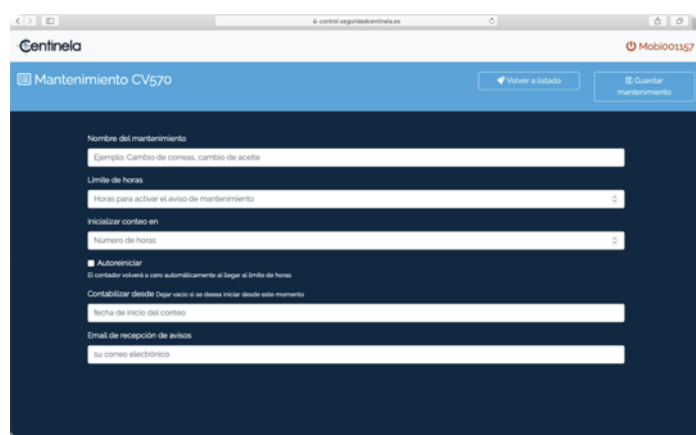
In the file, you can indicate all the data of the machine. We recommend that you complete it. You need to fill in all the fields. Make, model, Start of the hour meter, Image (optional), assigned delegation, Family (diesel, electric, commercial vehicle, van, truck, ...), registration, Count hour meter and comments. There are also two options that you will need to complete. To the question Is it a machine or a vehicle? you must choose the correct option. Regarding boot detection, there are two options.

Choose the correct one. To use the "Contact" option, it is essential to use the yellow cable of the device and connect it to the contact of the machine or vehicle. When finished, press "Save File".

If you decide not to fill it in completely, the hour meter will not work nor will you be able to filter by Delegations or Families. The rest will work normally.

Maintenance.

In this button you can create the necessary maintenance for the correct operation of the machine or vehicle. Maintenance can be by the hour, by kilometers or by specific dates. By pressing the button, you can see the scheduled maintenance and can schedule new ones. (image on the left). Each machine will have its own. To see all the maintenance of your fleet, you can click on the icon in the upper menu "Maintenance". (image on the right).



Estado	Mantenimiento	Dispositivo	Contador / Límite	Botón
	CAMBIO DE ACEITE Y FILTROS	302_BRAVO DIESEL 3.0 18V	4500 de 2400	Mantenir
	CAMBIO DE ACEITE Y FILTROS	246_ADESLU LANCIA	84 de 250	Mantenir
	CAMBIO DE ACEITE Y FILTROS	246_ADESLU LANCIA	84 de 300	Mantenir
	CAMBIO DE ACEITE Y FILTROS	260_Sera 2500	11200 de 1900	Mantenir
	CAMBIO DE ACEITE Y FILTROS	246_CARRETERA ACRIA 300	13070 de 1700	Mantenir
	CAMBIO DE ACEITE Y FILTROS	302_GRUPO KIVA 167 CDT6	3000 de 300	Mantenir
	CAMBIO DE ACEITE Y FILTROS	162_Corolla Ayra T100.21	85 de 300	Mantenir
	CAMBIO DE ACEITE Y FILTROS	164_TELESCOPICO JCB	84 de 300	Mantenir
	CAMBIO DE ACEITE Y FILTROS	309_DUMPERS ALGA 3000	52 de 300	Mantenir
	CAMBIO DE ACEITE Y FILTROS	404_GRUPO KIVA 100K	120 de 400	Mantenir
	CAMBIO DE ACEITE Y FILTROS	408_KATO 14 C710	34 de 300	Mantenir

To add a new maintenance for a specific machine, you must complete a new file.

You can view all the maintenance of your company by clicking on "Maintenance" in the Menu that appears at the top of the "Listings" screen. In doing so, the screen is divided into two parts. On the right side, you can see a list with all the maintenance scheduled in the company and ordered from most to least urgent. When any of the maintenance has reached the established limit, it will be shown in red in the list.

On the left side of the screen, a map is shown with the location of all the machines that have scheduled maintenance and, by means of a color code, the urgency of said maintenance is shown..

- Red (limit exceeded)
- Orange (close limit, less than 15%)
- Green (still far limit to more than 15% useful life)

When doing scheduled maintenance, you must press “Reset” (right screen) to start a new maintenance cycle.

Report Today

By pressing this button, it offers us a complete report of all the activity of the current day. You will be able to see an activity summary, speed or activity graph, itinerary map, stops and starts and a breakdown of the trips. You can obtain this report in PDF format if you wish..

Lock / Unlock.

Some devices have the option to lock / unlock the vehicle starter. This can be governed from this button.

In order to have this option it is necessary to install the device properly. Remember that this action paralyzes the boot, not the machine. **This action is not without danger. You must act with caution so as not to create dangers or risks for people involved in the operation of the machine or vehicle.**

See My Fleet.

On the list screen, at the top there is a button "See My Fleet". When pressed, the current location of the entire fleet will appear.

Maintenance

This screen shows on the right the list of all scheduled maintenance ordered from highest to lowest urgency and on the left is a map indicating the location of each maintenance with colors that indicate its urgency. (Already commented previously)

General Actions

When pressing this icon, a series of options are displayed to facilitate the usability of the application.

- **Notifications.** In this section you can choose the way to receive notifications of weekend activity, possible technical problems of the devices and maintenance that have already been exceeded.
- **Change Password.** In this section, you can change your access password.

Reports.

When you press this option, this screen appears. The list can be ordered with the arrows in the columns. By default it shows a summary of the activity of all vehicles on the current day. If you want to see the activity of any other day, you can check it by choosing the desired day in the

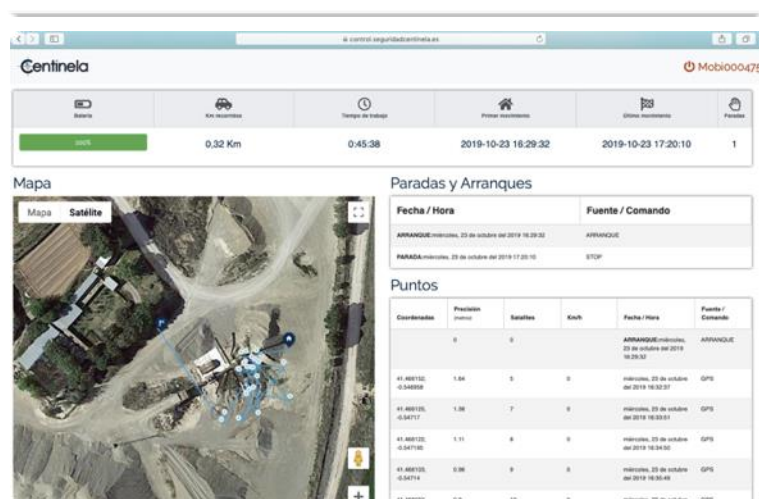
window in the upper right area and pressing confirm. By doing this, you will see in a list a summary of the activity of your entire fleet on the chosen day. If you want to print it or generate a PDF file, you can click on "PDF Report".



The screenshot shows the Centinela application interface. At the top, there's a header with the Centinela logo and a user profile icon. Below the header, there's a navigation bar with options like 'Informes - Últimos datos', 'Volver a Mi Flota', 'Informe PDF', and 'Dia mostrado'. The main content area displays a table with columns: ID, Dispositivo, Batería, Última posición, Km recorridos, Tiempo de trabajo, Vel. Media, Vel. Máx, Paradas, and Acciones. A single row of data is visible for vehicle CB221. At the bottom, there's a pagination bar showing 'Mostrando registros del 1 al 1 de un total de 1 registros' and navigation buttons for 'Anterior' and 'Siguiente'.

ID	Dispositivo	Batería	Última posición	Km recorridos	Tiempo de trabajo	Vel. Media	Vel. Máx	Paradas	Acciones
CB221	LocMyBus_CB221	100%	2019-02-04 20:21:13	52.16 Km	00:53:59	31.75 Km/h	91.27 Km/h	4	[Informe Completo]

To the right of each row, there is a "Full Report" button. When pressed, a screen like the following appears.



The screenshot shows a detailed report for vehicle M06000475. The top section displays key metrics: Batería (100%), Km recorridos (0.32 Km), Tiempo de trabajo (0:45:38), and a date range (2019-10-23 16:29:32 to 2019-10-23 17:20:10). Below this, there's a 'Mapa' section with a satellite view of the vehicle's location. To the right, there's a 'Paradas y Arranques' section with a table showing stops and starts. At the bottom, there's a 'Puntos' section with a table showing specific location points.

Fecha / Hora	Fuente / Comando
ARRANQUE: m06000475, 23 de octubre del 2019 16:29:32	ARRANQUE
PARADA: m06000475, 23 de octubre del 2019 17:20:10	STOP

Coordenadas	Precisión (metros)	Satélites	Km/h	Fecha / Hora	Fuente / Comando
0	0	0	0	ARRANQUE: m06000475, 23 de octubre del 2019 16:29:32	ARRANQUE
41.400152, -0.548888	1.54	5	0	m06000475, 23 de octubre del 2019 16:30:37	GPS
41.400155, -0.547117	1.58	7	0	m06000475, 23 de octubre del 2019 16:33:51	GPS
41.400155, -0.547185	1.51	8	0	m06000475, 23 de octubre del 2019 16:34:52	GPS
41.400155, -0.547114	0.98	9	0	m06000475, 23 de octubre del 2019 16:35:43	GPS
41.400052, 0.0	0.0	10	0	m06000475, 23 de octubre	GPS

On this screen you can see a fully detailed report with the following information:

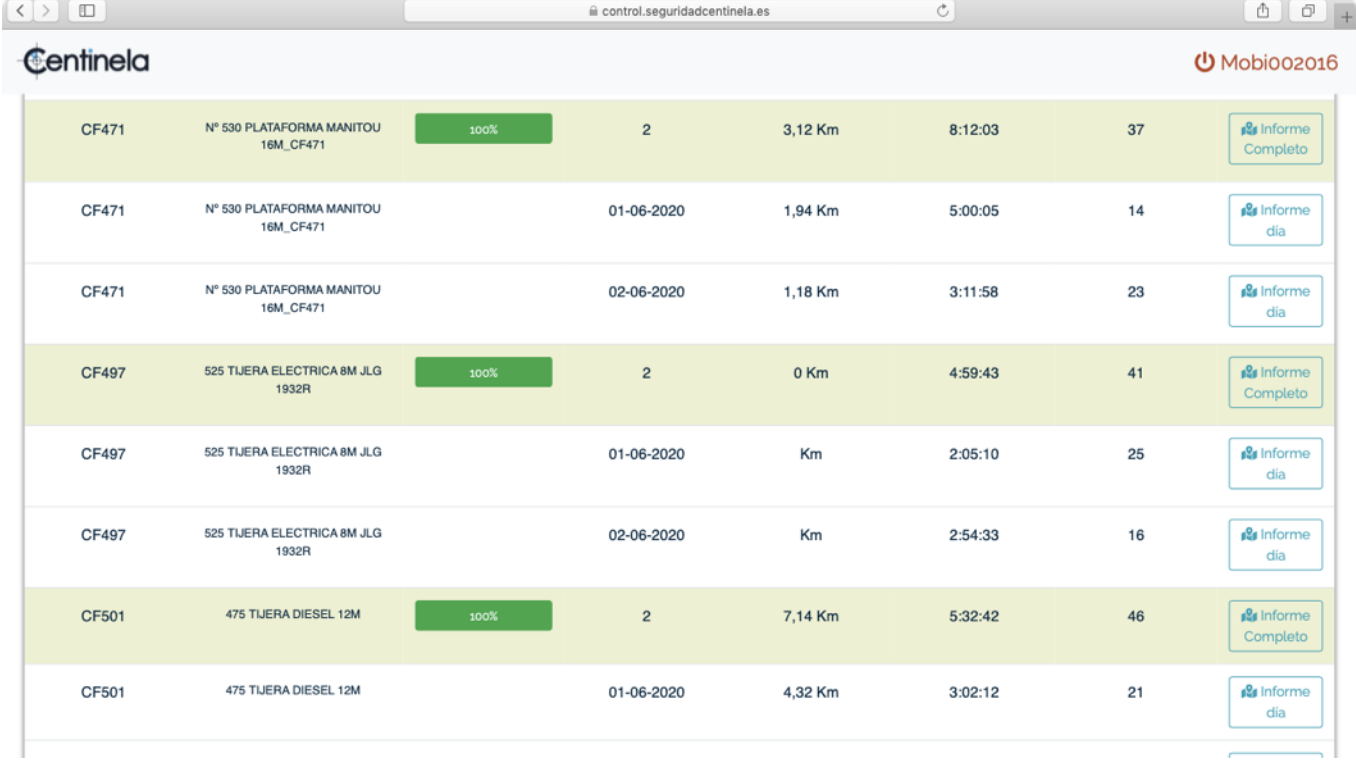
- Speed or activity graph.
- Map with the interactive itinerary.
- Summary of stops.
- Summary of the activity of the chosen day.
- Coordinates, speed, precision of each location, speed, number of satellites, coverage level, time.

If you want to print the report or generate a PDF file, you can click on "PDF Report".

You can generate a report for any day using the button "Day displayed". Choose the day you want and press "Confirm".

Report an interval of days

In many cases, it is very useful to have a report for an interval of several days. How you can see, when you press "Reports", in the upper right there are two boxes in which you can enter two dates. When doing so, a summary report of each machine will be displayed with the work carried out by said machines in that interval (sand-colored background) and just below, a list in which each row corresponds to the activity of each day of the chosen interval (background White). To the right of each row, there is a button called "Day Report" that will show you the activity of the chosen date.



CF471	N° 530 PLATAFORMA MANITOU 16M_CF471	100%	2	3,12 Km	8:12:03	37	Informe Completo
CF471	N° 530 PLATAFORMA MANITOU 16M_CF471		01-06-2020	1,94 Km	5:00:05	14	Informe día
CF471	N° 530 PLATAFORMA MANITOU 16M_CF471		02-06-2020	1,18 Km	3:11:58	23	Informe día
CF497	525 TJERA ELECTRICA 8M JLG 1932R	100%	2	0 Km	4:59:43	41	Informe Completo
CF497	525 TJERA ELECTRICA 8M JLG 1932R		01-06-2020	Km	2:05:10	25	Informe día
CF497	525 TJERA ELECTRICA 8M JLG 1932R		02-06-2020	Km	2:54:33	16	Informe día
CF501	475 TJERA DIESEL 12M	100%	2	7,14 Km	5:32:42	46	Informe Completo
CF501	475 TJERA DIESEL 12M		01-06-2020	4,32 Km	3:02:12	21	Informe día

Access via mobile phone

To access the information via mobile, you must install the CENTINELA PRO application available on the Play Store and App Store. You can access the same information in a format adapted to mobile.

What's in the box

The following is included in the shipment.

- CENTINELA device. The device has a cable with 4 wires.
- Manual.

- Identification card of the device.

NOTE. If you want to connect the data generated by the CENTINELA system with your ERP, you must request the API document from us.

Assembly instructions.

To mount the device, you must install it with the light blue sticker facing up.

VERY IMPORTANT. DO NOT put it in a place that encloses the device entirely in metal (for example a metal cabinet is not a good place).

The electrical connection of the device will be made by connecting the wires as follows:

- White wire (Required). Connects to vehicle ground (black battery cable)
- Brown wire (Required), connects directly to battery positive. It is imperative that it be connected to an uninterruptible power supply. The electrical supply voltage can range between 6 and 48 Vdc.
- Yellow wire (Optional) that connects to a point that has voltage when the machine is running and at 0 volts when the machine is stopped. This increases the accuracy of the virtual hour meter. If this wire is not connected, the system works using the vibrations of the machine. The measurements of the hours will be approximate.
- Green wire (Optional) is used to lock / unlock machine start. For the correct connection of this cable, the 12 Volt connection of the relay to be stopped must be interrupted and said connection replaced by this wire. Remember that if you have difficulties, you can contact our Technical Service.

Finally, properly attach the device to the machine.

Battery

The device must be connected directly to the vehicle's battery. The device contains a rechargeable lithium-polymer battery. We give you some tips for a correct operation of it.

- Do not remove or replace the original battery
- Do not expose the device to sources of heat. It can cause irreparable damage to the battery and electronic circuit. Temperatures below -10° and above 60° C can damage the device.

- If you are going to have the device in disuse for several months, we recommend that when you store it, make a full charge of the battery and every 6 months repeat the full charge operation. Lithium-polymer batteries, when they are totally discharged for a long time, break down and lose their ability to store electrical energy, becoming totally inoperative.
- At the end of the battery's life, you must ensure that it is recycled properly.

If you need more information you can find it in the following link. <https://manuals.seguridadcentinela.es/>. Here you will find videos, manuals and answers to the most frequently asked questions.



C/Sabinar 2. Bajo

24007 León

support@seguridadcentinela.com