

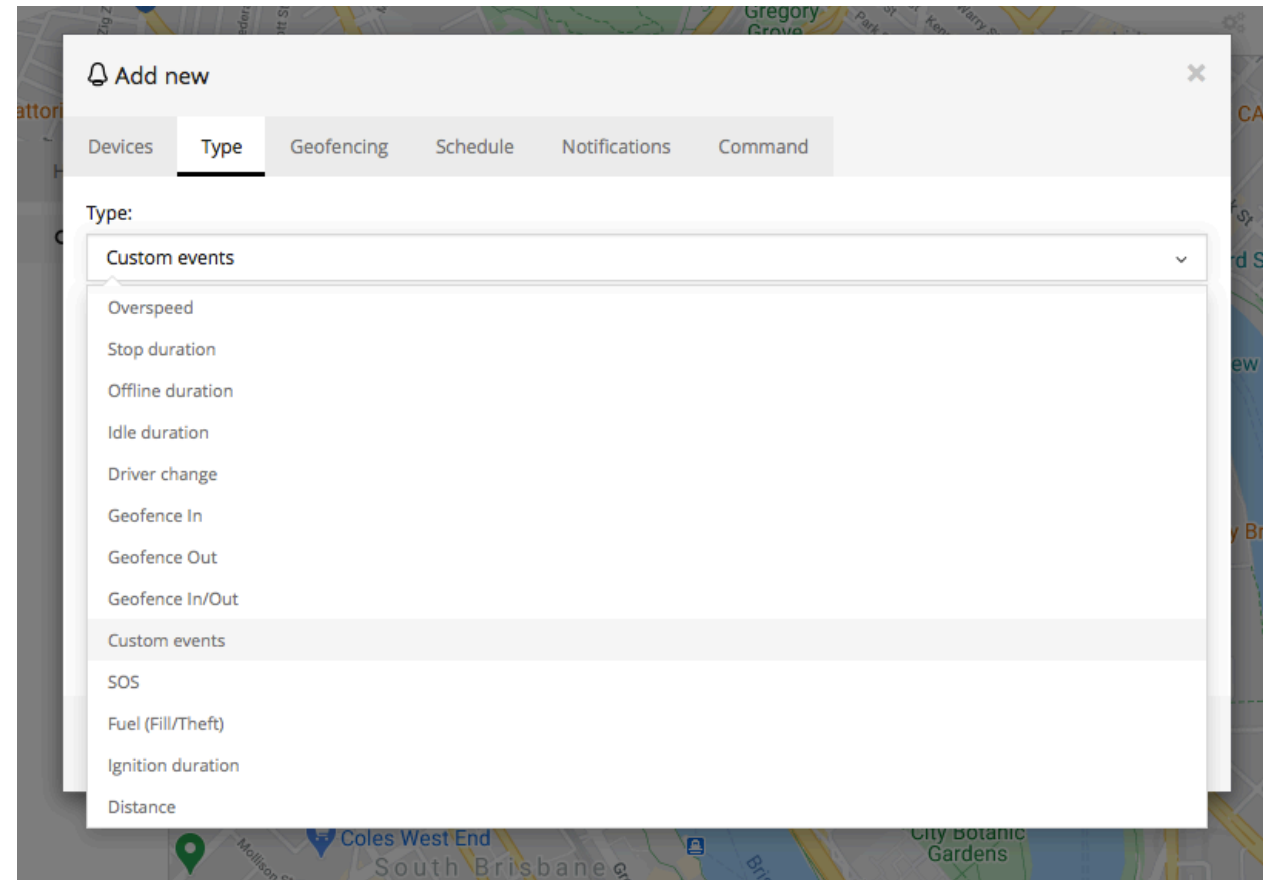
CUSTOM ALERT  
LOW BATTERY VOLTAGE

In this presentation we will create an alert to trigger if:

- battery voltage falls below 11.5 volts
- on a nominated vehicle.

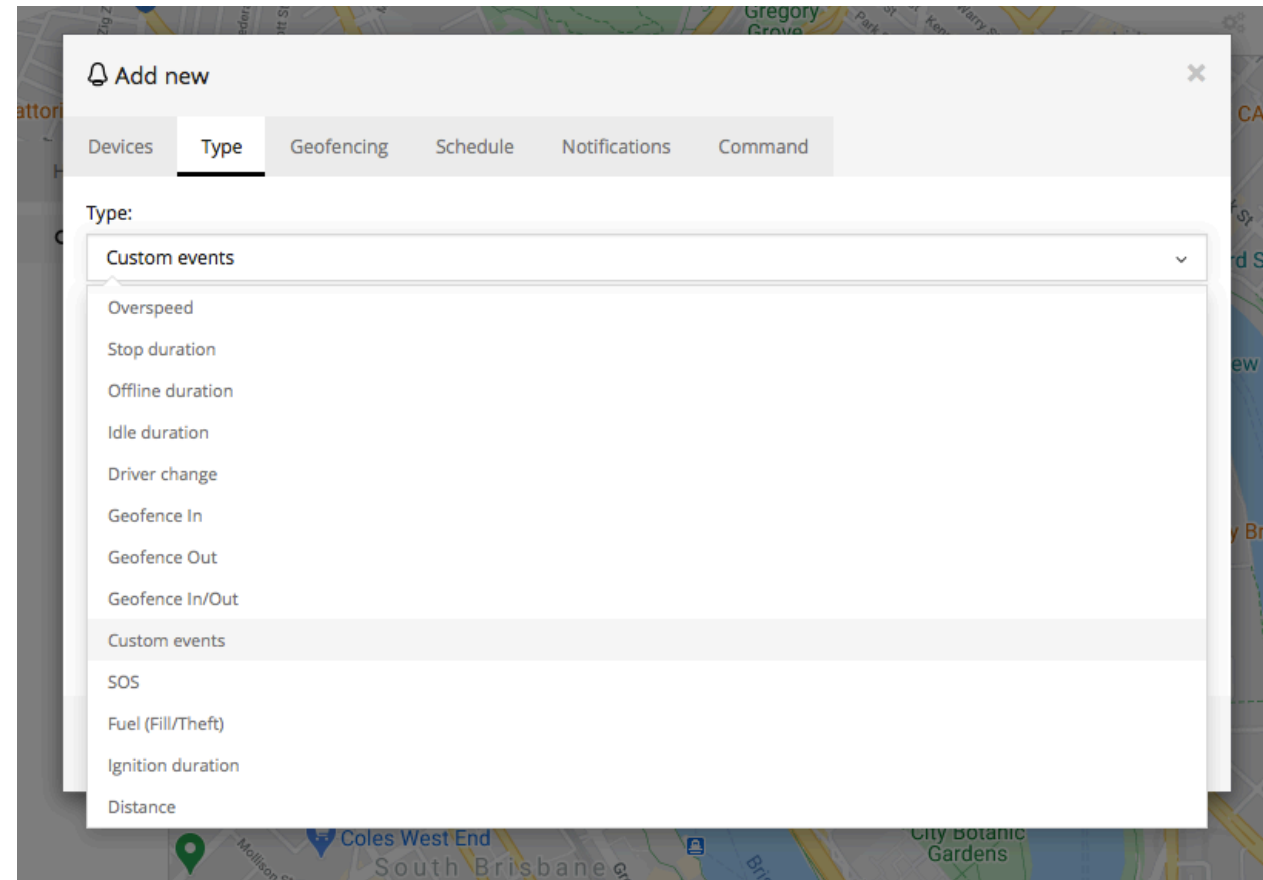
There are 3 main steps in creating a Custom Alert

1. Determine and find the “correct parameter name” from the Data Log.
2. Create a “Custom Event”
3. Create a “Custom Alert”



Before a Custom Alert can be made a Custom Event must be created.

When creating the Custom Event it is **important** to enter the Parameters correctly. The parameters must be entered exactly as they appear in the Parameter Data log, the entries are case and space sensitive.



## STEP 1

To begin log into the zzoataLink platform and navigate to the Main page.

The screenshot displays the ZZOOTA web interface. On the left, a sidebar contains a list of objects under the 'Objects' tab. The main area shows a map of Brisbane, Australia, with a search bar and a list of objects. The selected object, 'Pre-start Test 101', is shown in a detailed view at the bottom.

Object Name	Status	Speed
Pre-start Test Logistics Corp. (11)	Not connected	0 kph
Pre-start Test 101	Not connected	0 kph
Pre-start Test 102	Not connected	0 kph
Pre-start Test 103	Not connected	0 kph
Pre-start Test 104	Not connected	0 kph
Pre-start Test 105	Not connected	0 kph
Pre-start Test 106	Not connected	0 kph
Pre-start Test 107	Not connected	0 kph
Pre-start Test 108	Not connected	0 kph
Pre-start Test 109	Not connected	0 kph
Pre-start Test 110	Not connected	0 kph
Pre-start Test 111	Not connected	0 kph

Pre-start Test 101		Sensors	
Address:	176	GSM	0 %
Time:	Not connected	Ignition	On
Stop duration:	0h	Engine Hours	- h
Driver:	-	Odometer	0 Km
		VIN	-
		Avg. Speed	- Km/h
		Avg. Fuel	0 L/100Km
		Temperature	0 C
		RPM	-
		Battery	0 Volts
		Speed	0 kph

## STEP 2

Find the "Object" you wish to add the Alert to.

The screenshot displays the ZZOOTA web interface. At the top left is the ZZOOTA logo. The main area is a map of Brisbane, Australia, with various suburbs and landmarks labeled. A sidebar on the left contains a search bar with the text "zzoota example" and a magnifying glass icon. Below the search bar is a list of objects:

- Ungrouped (2)
- zzoota example (28-01-2021 13:30:40) 0 kph
- zzoota example 2 (28-01-2021 13:30:42) 0 kph

A red arrow points to the search bar. At the bottom of the interface, there is a data panel for "Pre-start Test 101" (Offline) and a "Sensors" section.

Pre-start Test 101		Sensors					
Address:	176	GSM	0 %	# VIN	-	# RPM	-
Time:	Not connected	Ignition	On	# Avg. Speed	- Km/h	Battery	0 Volts
Stop duration:	0h	Engine Hours	- h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	0 Km	Temperature	0 C		

## STEP 3

Choose the device in the Navigation panel and select the Overflow menu “:”.

The screenshot displays the ZZOOTA web interface. On the left, a navigation panel is open, showing a search bar with 'zzoota example' and a list of objects. The third object, 'zzoota example 2', is selected and has its overflow menu (three dots) highlighted by a red arrow. The main area is a map of the Gold Coast region, with a yellow pin on the 'zzoota example 2' location. The bottom of the screen features a data dashboard for 'Pre-start Test 101', which is currently 'Offline'. The dashboard is divided into two sections: 'Address' and 'Time' on the left, and 'Sensors' on the right. The sensors section includes GSM, Ignition, Engine Hours, Odometer, VIN, Avg. Speed, Avg. Fuel, Temperature, RPM, Battery, and Speed.

Pre-start Test 101		Sensors					
Address:	176	GSM	0 %	# VIN	-	# RPM	-
Time:	Not connected	Ignition	On	# Avg. Speed	- Km/h	Battery	0 Volts
Stop duration:	0h	Engine Hours	- h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	0 Km	Temperature	0 C		

## STEP 4

Select "Show history".

The screenshot displays the ZZOOTA web application interface. At the top left is the ZZOOTA logo. Below it is a sidebar with tabs for 'Objects', 'Events', and 'History'. The 'Objects' tab is active, showing a search bar with 'zzoota example' and a list of objects. The first object is 'Ungrouped (2)', and the second is 'zzoota example 2' with a checked checkbox. A context menu is open over the 'zzoota example 2' icon on the map, with a red arrow pointing to the 'Show history (yesterday)' option. The map shows the Gold Coast region with various landmarks and roads. At the bottom, there is a panel for 'Pre-start Test 101' (Offline) and a 'Sensors' table.

Pre-start Test 101		Sensors					
Address:	176	GSM	0 %	# VIN	-	# RPM	-
Time:	Not connected	Ignition	On	# Avg. Speed	- Km/h	Battery	0 Volts
Stop duration:	0h	Engine Hours	- h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	0 Km	Temperature	0 C		

## STEP 5

Select "Data log".

ZZOOTA

Objects Events History

Device: zzoota example 2

From: 2021-01-27 00:00

To: 2021-01-28 00:00

Advanced

Show history

Icon	Time	Date	Duration
🚗	00:20:34	27-01-2021	
⬇️	00:20:34	27-01-2021	7h 30min 35s
P	07:51:09	27-01-2021	10min 20s
D	08:01:29	27-01-2021	2h 2min 32s
P	10:04:01	27-01-2021	11min 11s
D	10:15:12	27-01-2021	5h 40s
P	15:15:52	27-01-2021	9min 54s
D	15:25:46	27-01-2021	10min 17s
P	15:36:03	27-01-2021	18min 53s

Speed Altitude Ignition Odometer Temperature Battery

Graph Data log

Speed graph showing speed in km/h over time (02:00 to 22:00).



The parameter names are listed on the top line of the Data log information panel.

Note : More data and titles may be viewed by using the slider at the bottom of the page.

**History**

Device: zzoota example 2

From: 2021-01-27 00:00

To: 2021-01-28 00:00

Advanced

Show history

Event	Time	Duration
↓	00:20:34 27-01-2021	
P	00:20:34 27-01-2021	7h 30min 35s
D	07:51:09 27-01-2021	10min 20s
P	08:01:29 27-01-2021	2h 2min 32s
D	10:04:01 27-01-2021	11min 11s
P	10:15:12 27-01-2021	5h 40s
D	15:15:52 27-01-2021	9min 54s
P	15:25:46 27-01-2021	10min 17s
D	15:36:03 27-01-2021	18min 53s

Graph Data log

Time	Latitude	Longitude	Altitude	Speed	status	ignition	event	odometer	coolanttemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rssi
27-01-2021 00:20:34	-28.02004	153.39269	11	0	32768	false	0	0	215	65535	0	0	0	12.47	102	17
27-01-2021 00:20:34	-28.02004	153.39269	11	0	32768	false	2	0								
27-01-2021 00:50:36	-28.02003	153.39276	9	0	32768	false	0	0	215	65535	0	0	0	12.46	102	19
27-01-2021	-28.02003	153.39276	9	0	32768	false	2	0								

« 1 2 3 4 5 6 7 8 ... 20 21 »

## STEP 6

Record the parameter name.

**IMPORTANT : Record the parameter exactly as it is written.**

For info : The device on this vehicle is a Square3X. The sensor template parameter name for battery voltage is "power".

➔ Edit

Sensor name: Battery

Sensor template: Battery



Parameter name: power

Unit of measurement: Volts

Show value by: Parameter value

Add to history

Save Cancel

Objects Events **History**

Device: zzoota example 2

From: 2021-01-27 00:00

To: 2021-01-28 00:00

Advanced

Show history

Time	Latitude	Longitude	Altitude	Speed	status	ignition	event	odometer	coolanttemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rsi	hd
27-01-2021 00:20:34	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 09:25:52	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 09:26:02	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021 09:26:12	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

Graph Data log

« 1 2 3 4 5 6 7 8 ... 20 21 »

Handy tip : To reduce the chance of data entry error, copy and paste the parameter title.

The screenshot displays the ZZOOTA web application interface. On the left, a 'History' panel shows a list of events for device 'zzoota example 2' from 2021-01-27 to 2021-01-28. The main area features a map of Benowa, Queensland, with a red and blue route overlaid. Below the map is a 'Data log' table with various columns including Time, Latitude, Longitude, Altitude, Speed, status, ignition, event, odometer, coolanttemp, rpm, averagespeed, fuelconsumption, tripodometer, power, fuel, rssi, and hd. A context menu is open over the 'power' column, with a red arrow pointing to the 'Copy' option.

Time	Latitude	Longitude	Altitude	Speed	status	ignition	event	odometer	coolanttemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rssi	hd	
27-01-2021 09:25:52	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0				102	26	7
27-01-2021 09:26:02	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0				102	26	7
27-01-2021 09:26:12	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0				102	26	8
27-01-2021 09:26:12	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8	

**STEP 7**  
**Select "Setup".**

The screenshot displays the ZZOOTA web application interface. On the left, a sidebar menu has 'History' selected, showing a list of events with columns for Device, From, To, and duration. A 'Show history' button is visible. The main area features a map of Benowa, Queensland, with a red and blue route overlaid. A red arrow points to the 'Setup' button in the top right corner. Below the map, a data table is visible with the following columns: Time, Latitude, Longitude, Altitude, Speed, status, ignition, event, odometer, coolanttemp, rpm, averagespeed, fuelconsumption, tripodometer, power, fuel, rssi, and hd. The table contains several rows of data for the date 27-01-2021.

Time	Latitude	Longitude	Altitude	Speed	status	ignition	event	odometer	coolanttemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rssi	hd
27-01-2021 09:25:52	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 09:26:02	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 09:26:12	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021 09:26:12	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

## STEP 8

Select "Events".

The screenshot shows the ZZOOTA Setup dialog box with the 'Events' tab selected. A red arrow points to the 'Events' tab. The dialog contains the following settings:

- Unit of distance: Kilometer
- Unit of capacity: Liter
- Unit of altitude: Meter
- Default calendar week start day: Monday
- Timezone: UTC +10:00
- Daylight saving time Type: None

At the bottom of the dialog are 'Save' and 'Cancel' buttons. The background shows a map and a data log table.

Device	From	To	Distance	Capacity	Altitude	Week start day	Timezone	Daylight saving time
zzoota exampl	2021-01-27	2021-01-28						
	00:20:34	27-01-2021						
	00:20:34	27-01-2021						
	07:51:09	27-01-2021						
	08:01:29	27-01-2021						
	10:04:01	27-01-2021						
	10:15:12	27-01-2021						
	15:15:52	27-01-2021	9min 54s					
	15:25:46	27-01-2021	10min 17s					
	15:36:03	27-01-2021	18min 53s					

Open "<https://track.zzoota.com/#setup-form-events>" in a new tab

## STEP 9

Select “+ Add event”.

The screenshot shows the ZZOOTA Setup dialog box with the 'Events' tab selected. A red arrow points to the '+ Add event' button in the top right corner of the dialog. The dialog contains the following text:

Parameters Message Show always

No events.

To trigger an event, please also create an alert in Tools -> Alerts -> Events

Save Cancel

The background shows a map of a location with a red line indicating a route. Below the map is a data log table with the following columns: Time, Latitude, Longitude, Altitude, Speed, status, ignition, event, odometer, coolanttemp, rpm, averagespeed, fuelconsumption, tripodometer, power, fuel, rssi, hd.

Time	Latitude	Longitude	Altitude	Speed	status	ignition	event	odometer	coolanttemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rssi	hd
27-01-2021 09:25:52	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 09:26:02	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 09:26:12	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021 09:26:12	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

## STEP 10

Check the “Show always” box.

Tip : When the “Show always” box is checked the Event that we create will be visible on the Alerts page for selection.

The screenshot displays the ZZOOTA interface with the 'Add event' dialog box open. The 'Show always' checkbox is checked, indicated by a red arrow. The dialog box contains the following fields and options:

- Show always:**
- Device protocol:** 6000
- Conditions:** Parameter Equals to (=) Parameter value
- Message:** %SETFLAG[D1,D2,D3]% - is used to detect single or few characters from parameter value. D1 - starting character. D2 - amount of characters. D3 - value.
- Buttons:** Save, Cancel

The background shows a map and a data log table with the following columns: Time, Latitude, Longitude, Altitude, Speed, status, ignition, event, odometer, coolanttemp, rpm, averagespeed, fuelconsumption, tripodometer, power, fuel, rssi, hd.

Time	Latitude	Longitude	Altitude	Speed	status	ignition	event	odometer	coolanttemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rssi	hd
27-01-2021 09:25:52	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 09:26:02	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 09:26:12	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021 09:26:12	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

## STEP 11

Select corresponding “Device protocol” for the device being used.

### Protocol hardware codes

Space10X: 6023

Sprint3X: 8023

Square3X: 6111

Sky3X: 6111

Solar10X: 6201

Site7X: 6055

The screenshot shows the 'Add event' dialog box in the ZZOOTA interface. The 'Device protocol' dropdown menu is open, displaying a list of protocol codes. The code 6111 is highlighted, and a red arrow points to it from the left. The background shows a blurred view of the ZZOOTA dashboard with a map and data logs.

Device protocol
6000
6061
6100
6101
6102
6103
6104
6105
6106
6107
6108
6109
6110
6111
6112
6113
6114
6115
6117
6118
6119
6120



## STEP 12

Enter the parameter name in the “Conditions” field.

**IMPORTANT :** Enter the parameter name exactly as it was written in the Data Log.

Handy tip : To reduce the chance of data entry error, copy and paste the parameter title.

The screenshot shows the 'Add event' dialog box in the ZZOOTA application. The 'Conditions' field is set to 'power'. A red arrow points to this field. A context menu is open over the text, with 'Paste' highlighted. The background shows a 'Setup' window and a data log table.

Time	Latitude	Longitude	Altitude	speed	status	ignition	event	odometer	coolantemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rsi	hd
27-01-2021 09:25:52	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 09:26:02	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 09:26:12	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021 09:26:12	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

## STEP 13

Choose the appropriate condition from the drop-down menu.

- Equals to (=)
- Greater than (>)
- Less than (<)

In this example we choose “Less than (<)” as we want the Alert to trigger when the voltage drops below 11.5 volts

The screenshot shows the 'Add event' configuration window in the ZZOOTA interface. The window is titled 'Add event' and has a close button (X) in the top right corner. It contains the following fields and options:

- Show always:** A checked checkbox.
- Device protocol:** A dropdown menu set to '6111'.
- Conditions:** A table with two rows. The first row has 'power' in the 'Parameter' column, 'Equals to (=)' in the 'Condition' column, and 'Parameter value' in the 'Value' column. The second row has 'Parameter' in the 'Parameter' column, 'Equals to (=)' in the 'Condition' column, and 'Parameter value' in the 'Value' column. A dropdown menu is open over the 'Condition' column, showing options: 'Equals to (=)', 'Greater than (>)', and 'Less than (<)'. A red arrow points to the 'Less than (<)' option.
- Message:** A text area containing the placeholder text: '%SETFLAG[D1,D2,D3]% - is used 1 from parameter value. D1 - starting character. D2 - amount of characters. D3 - value.'
- Buttons:** 'Save' and 'Cancel' buttons at the bottom.

The background shows a map of an area with streets like 'Fullerton St', 'Inveray Ave', and 'Dunkleith Ave'. Below the map is a data log table with columns: Time, Lat, Longitude, Altitude, speed, status, ignition, event, odometer, coolanttemp, rpm, averagespeed, fuelconsumption, tripodometer, power, fuel, rssi, hd.

Time	Lat	Longitude	Altitude	speed	status	ignition	event	odometer	coolanttemp	rpm	veragespeed	fuelconsumption	tripodometer	power	fuel	rssi	hd
27-01-2021 09:25:52	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 09:26:02	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 09:26:12	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021 09:26:12	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

## STEP 14

Enter the "Parameter value".

**Add event**

Show always

Device protocol: 6111

Conditions:

- power Less than (<) 11.5
- Parameter Equals to (=) Parameter value

`%SETFLAG[D1,D2,D3]%` - is used to detect single or few characters from parameter value. D1 - starting character. D2 - amount of characters. D3 - value.

Message:

**Save** **Cancel**

Time	Latitude	Longitude	Altitude	speed	status	ignition	event	odometer	coolantemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rsi	hd
27-01-2021 00:20:34	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 07:51:09	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 10:04:01	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021 15:15:52	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

## STEP 15

Write a “Message” that you want to receive when the Alert is triggered.

The screenshot shows the ZZOOTA interface with the 'Add event' dialog open. The dialog has the following configuration:

- Show always
- Device protocol: 6111
- Conditions:
  - power Less than (<) 11.5
  - Parameter Equals to (=) Parameter value
- Message: Low battery voltage (indicated by a red arrow)

Below the conditions, there is a blue informational box: "%SETFLAG[D1,D2,D3]% - is used to detect single or few characters from parameter value. D1 - starting character. D2 - amount of characters. D3 - value."

The background shows a 'Setup' window with 'Main' and 'Object group' tabs, and a table of event logs. The table has columns for Time, Latitude, Longitude, Altitude, speed, status, ignition, event, odometer, coolanttemp, rpm, averagespeed, fuelconsumption, tripodometer, power, fuel, rssi, and hd.

Time	Latitude	Longitude	Altitude	speed	status	ignition	event	odometer	coolanttemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rssi	hd
27-01-2021 00:20:34	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 07:51:09	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 10:04:01	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021 15:15:52	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

## STEP 16

Select "Save".

**Add event**

Show always

Device protocol:  
6111

Conditions:

power	Less than (<)	11.5
Parameter	Equals to (=)	Parameter value

`%SETFLAG[D1,D2,D3]%` - is used to detect single or few characters from parameter value. D1 - starting character. D2 - amount of characters. D3 - value.

Message:  
Low battery voltage

**Save** Cancel

Time	Latitude	Longitude	Altitude	speed	status	ignition	event	odometer	coolantemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rsi	hd
27-01-2021 09:25:52	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 09:26:02	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 09:26:12	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021 09:26:12	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

## STEP 17

Select "Save" again.

The Custom Event has now been created.

Handy tip : To edit or view the parameters again select the "⚙️" icon.

Setup

Main Object groups Drivers **Events** SMS gateway SMS templates GPRS templates Widgets Dashboard

+ Add event

Parameters	Message	Show always
power	Low battery voltage	Yes

To trigger an event, please also create an alert in Tools -> Alerts -> Events

Save Cancel

Time	Latitude	Longitude	Altitude	Speed	status	ignition	event	odometer	coolanttemp	rpm	averagespeed	fuelconsumption	tripodometer	power	fuel	rsi	hd
27-01-2021 09:25:52	-28.01404	153.37253	7	0	51200	true	0	0	72	799	0	0	0	13.28	102	26	7
27-01-2021 09:26:02	-28.01404	153.37254	7	0	51200	true	0	0	73	590	0	0	0	13.29	102	26	7
27-01-2021 09:26:12	-28.01404	153.37254	5	0	51200	true	0	0	73	801	0	0	0	13.28	102	26	8
27-01-2021	-28.01404	153.37254	2	0	51200	true	0	0	73	800	0	0	0	13.29	102	26	8

Now that the Custom Event has been created we can make an Alert for it.

## STEP 18

Select "Tools".

The screenshot displays the ZZOOTA web interface. On the left, there is a sidebar with tabs for 'Objects', 'Events', and 'History'. Under 'Events', two items are listed: 'zzoota example' (unselected) and 'zzoota example 2' (selected with a checkmark). The main area shows a map of Brisbane, Queensland, Australia, with a red arrow pointing to a 'Tools' button in the top right corner. Below the map, a data table provides details for the selected event 'zzoota example 2'.

zzoota example 2		Sensors					
Address:	9 Upton St, Bundall QL...	GSM	63 %	# VIN	JTMHV05J40...	# RPM	0
Time:	28-01-2021 13:45:44	Ignition	Off	# Avg. Speed	0 Km/h	Battery	12.52 Volts
Stop duration:	31 min 13s	Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	40 C		

Run script ""

## STEP 19 Select "Alerts".

The screenshot displays the ZZOOTA web application interface. On the left, there is a sidebar with tabs for 'Objects', 'Events', and 'History'. The 'Objects' tab is active, showing a list of objects including 'zzoota example' and 'zzoota example 2'. The 'zzoota example 2' object is selected. The main area shows a map of Brisbane, Australia, with a red arrow pointing to the 'Alerts' menu item in the top right navigation panel. Below the map, there is a data table for the selected object 'zzoota example 2'.

zzoota example 2		Sensors					
Address:	9 Upton St, Bundall QL...	GSM	63 %	VIN	JTMHV05J40...	RPM	0
Time:	28-01-2021 13:45:44	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.52 Volts
Stop duration:	31 min 29s	Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	40 C		

Run script ""



## STEP 20

Select “+” to add.

The screenshot displays the ZZOOTA mobile application interface. At the top left is the ZZOOTA logo. Below it is a navigation bar with 'Objects', 'Events', and 'History' tabs. A search bar is present with a magnifying glass icon and a '+' button. A red arrow points to this '+' button. Below the search bar is a list of filter options, each with a checkbox:

- High RPM
- Pre-start not complete
- Geofence In/Out
- Driver welfare check
- Excessive distance travelled

The main part of the screen is a map of Brisbane, Australia, showing various suburbs and landmarks like Victoria Park Golf Complex, Customs House, and the Brisbane River. The bottom of the screen features a data dashboard for a vehicle named 'zzoota example 2'. The dashboard is divided into two sections: 'ACK' and 'Sensors'.

zzoota example 2		Sensors					
Address:	9 Upton St, Bundall QL...	GSM	63 %	VIN	JTMHV05J40...	RPM	0
Time:	28-01-2021 13:45:44	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.52 Volts
Stop duration:	31 min 50s	Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	40 C		

## STEP 21

Give the Alert a "Name".

**Add new**

Devices | Type | Geofencing | Schedule | Notifications | Command

Name\*:  
Low battery voltage

Devices\*:  
Select all | Deselect All | zzoota example

- Ungrouped
- zzoota example
- zzoota example 2

Save | Cancel

zzoota example 2 | ACK | Sensors

Address:	9 Upton St, Bundall QL...	GSM	63 %	VIN	JTMHV05J40...	RPM	65535
Time:	28-01-2021 13:48:32	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.55 Volts
Stop duration:	32min 42s	Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	175 C		

## STEP 22

Select the “Devices” you want to add the Alert to.

The screenshot shows the ZZOOTA web interface with the 'Add new' modal open. The modal has tabs for 'Devices', 'Type', 'Geofencing', 'Schedule', 'Notifications', and 'Command'. The 'Devices' tab is active, showing a list of devices to select for the alert. The 'Name\*' field contains 'Low battery voltage'. The 'Devices\*' section has a search bar with 'zzoota example' and a list of devices: 'Ungrouped' (unchecked), 'zzoota example' (unchecked), and 'zzoota example 2' (checked). A red arrow points to the checked checkbox for 'zzoota example 2'. At the bottom of the modal are 'Save' and 'Cancel' buttons. The background shows a map and a sidebar with various alert types like 'High RPM', 'Pre-start not complete', etc.

Open "<https://track.zzoota.com/#alerts-form-type>" in a new tab

## STEP 23

Select "Type".

**Add new**

Devices **Type** Geofencing Schedule Notifications Command

Name\*: Low battery voltage

Devices\*:

Select all Deselect All zzoota example

Ungrouped

zzoota example  zzoota example 2

**Save** Cancel

zzoota example 2 ACK Sensors

Address:	9 Upton St, Bundall QL...	GSM	63 %	# VIN	JTMHV05J40...	# RPM	65535
Time:	28-01-2021 13:48:42	Ignition	Off	# Avg. Speed	0 Km/h	Battery	12.54 Volts
Stop duration:	32min 52s	Engine Hours	575.86 h	# Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	175 C		

Open "<https://track.zzoota.com/#alerts-form-type>" in a new tab

## STEP 24

Choose the “Type” of Alert.

In this example we are choosing “Custom events”.

The screenshot displays the ZZOOTA web interface. At the top left, the ZZOOTA logo is visible. Below it, there are tabs for 'Objects' and 'Events'. A search bar is present. On the left side, there is a list of alert types with checkboxes: High RPM, Pre-start not complete, Geofence In/Out, Driver welfare check, and Excessive distance travelled. The main area shows a map with a location pin. A dialog box titled 'Add new' is open, with tabs for 'Devices', 'Type', 'Geofencing', 'Schedule', 'Notifications', and 'Command'. The 'Type' tab is selected, and a dropdown menu is open, listing various alert types. A red arrow points to 'Custom events' in the dropdown menu. Below the map, there is a table with vehicle information for 'zzoota example 2'.

zzoota example 2		Sensors					
Address:	9 Upton St, Bundall QL...	GSM	63 %	VIN	JTMHV05J40...	RPM	65535
Time:	28-01-2021 13:48:52	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.53 Volts
Stop duration:	33min 8s	Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	175 C		

## STEP 25

Select the “Custom event ” you want to create an Alert for .

When Type > Custom events has been selected the “Event” window will open. Custom Events that have been created will be displayed here.

For info : If a Device has not been selected the ‘Custom events’ will not be visible.

The screenshot displays the ZZOOTA mobile application interface. A modal dialog box titled "Add new" is open, with the "Type" tab selected. Under "Type", "Custom events" is chosen. The "Event" section lists several options: "System events", "test engine hours", "Custom events", and "Low battery voltage". The "Low battery voltage" option is checked and highlighted with a red arrow. Below the list, a note states: "Custom events can be defined at Setup->Events tab." At the bottom of the dialog are "Save" and "Cancel" buttons. The background shows a map with a location pin and a data table for a device named "zzoota example 2".

zzoota example 2		Sensors					
Address:	9 Upton St, Bundall QL...	GSM	63 %	VIN	JTMHV05J40...	RPM	65535
Time:	28-01-2021 13:49:12	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.57 Volts
Stop duration:	33min 23s	Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	175 C		

## STEP 26

Select "Schedule".

**Add new**

Devices **Type** Geofencing **Schedule** Notifications Command

Type:  
Custom events

Event

Select all Deselect All

- System events
- test engine hours
- Custom events
- Low battery voltage

Custom events can be defined at Setup->Events tab.

Save Cancel

zzoota example 2 ACK Sensors

Address:	9 Upton St, Bundall QL...	GSM	63 %	VIN	JTMHV05J40...	RPM	65535
Time:	28-01-2021 13:49:22	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.57 Volts
Stop duration:	33min 34s	Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	175 C		

Open "<https://track.zzoota.com/#alerts-form-schedule>" in a new tab

## STEP 27

Check the “Schedule” box.

The screenshot shows the ZZOOTA 'Add new' configuration window. The 'Schedule' tab is selected, and the 'Schedule' checkbox is checked. A red arrow points to this checkbox. The window displays a grid for scheduling with columns for times (03:00, 06:00, 09:00, 12:00, 15:00, 18:00, 21:00) and rows for days of the week (M, T, W, T, F, S, S). At the bottom of the window, there are buttons for 'Workdays', 'Weekend', and 'Always', and 'Save' and 'Cancel' buttons.

**Add new**

Devices Type Geofencing **Schedule** Notifications Command

Schedule

	03:00	06:00	09:00	12:00	15:00	18:00	21:00
M							
T							
W							
T							
F							
S							
S							

Workdays Weekend Always

Save Cancel

zzoota example 2 ACK Sensors

Address: 9 Upton St, Bundall QL... GSM 63 % # VIN JTMHV05J40... # RPM 65535

Time: 28-01-2021 13:49:32 Ignition Off # Avg. Speed 0 Km/h Battery 12.57 Volts

Stop duration: 33min 44s Engine Hours 575.86 h # Avg. Fuel 0 L/100Km Speed 0 kph

Driver: - Odometer 23608 Km Temperature 175 C



When the box has been checked the options become available.

The schedule can be set to meet your requirements, eg. you may want the Alert triggered 24/7 or only on weekdays between particular hours.

The calendar can be filled by using the

- shortcut buttons in the bottom right corner
- click and drag or
- selecting/deselecting each box individually.

**Add new**

Devices Type Geofencing **Schedule** Notifications Command

Schedule

	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
M								
T								
W								
T								
F								
S								
S								

Workdays Weekend **Always**

Save Cancel

zzoota example 2 ACK Sensors

Address: 9 Upton St, Bundall QL... | GSM 63 % | VIN JTMHV05J40... | RPM 65535

Time: 28-01-2021 13:49:42 | Ignition Off | Avg. Speed 0 Km/h | Battery 12.59 Volts

Stop duration: 33min 55s | Engine Hours 575.86 h | Avg. Fuel 0 L/100Km | Speed 0 kph

Driver: - | Odometer 23608 Km | Temperature 175 C

Run script ""

In this example “Always” has been selected to trigger the Alert 24/7.

The screenshot shows the 'Add new' configuration window in the ZZOOTA interface. The 'Schedule' tab is active, and the 'Schedule' checkbox is checked. A grid displays the schedule for all days of the week (M, T, W, T, F, S, S) and all time slots (00:00, 03:00, 06:00, 09:00, 12:00, 15:00, 18:00, 21:00). The 'Always' button is selected, and a red arrow points to it. The background shows a map and a list of sensors for 'zzoota example 2'.

	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
M								
T								
W								
T								
F								
S								
S								

Buttons: **Workdays** **Weekend** **Always**

Buttons: **Save** **Cancel**

Sensors for 'zzoota example 2':

Sensor	Value	Sensor	Value	Sensor	Value
GSM	63 %	VIN	JTMHV05J40...	RPM	65535
Ignition	Off	Avg. Speed	0 Km/h	Battery	12.59 Volts
Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Odometer	23608 Km	Temperature	175 C		

## STEP 28

Select "Notifications".

The screenshot shows the ZZOOTA 'Add new' configuration window. The 'Schedule' tab is active, and a red arrow points to the 'Notifications' tab. The window contains a grid for scheduling events across days of the week and time slots. Below the grid are buttons for 'Workdays', 'Weekend', and 'Always'. At the bottom are 'Save' and 'Cancel' buttons.

**Add new**

Devices Type Geofencing **Schedule** Notifications Command

Schedule

	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
M								
T								
W								
T								
F								
S								
S								

Workdays Weekend Always

Save Cancel

zzoota example 2 ACK Sensors

Address: 9 Upton St, Bundall QL... # VIN JTMHV05J40... # RPM 65535

Time: 28-01-2021 13:49:42 # Avg. Speed 0 Km/h # Battery 12.59 Volts

Stop duration: 33min 55s # Engine Hours 575.86 h # Avg. Fuel 0 L/100Km # Speed 0 kph

Driver: - # Odometer 23608 Km # Temperature 175 C

Run script ""

## STEP 29

Check the “Email notification” box and

Enter the emails you want the Alert sent to.

IMPORTANT : For multiple emails separate them via semicolon with no spaces.

The screenshot displays the ZZOOTA mobile application interface. A modal dialog box titled "Add new" is open, with the "Notifications" tab selected. The "Email notification" checkbox is checked, and the email address "training@zzoota.com" is entered in the text field. A red arrow points to the email field. Below the text field, there is a note: "For multiple emails separate them via semicolon, ex.: user@example.com;user1@example.com". There are also checkboxes for "Sound notification", "Push notification", and "Webhook notification". At the bottom of the dialog, there are "Save" and "Cancel" buttons. The background shows a map of a city area and a data table for a device named "zzoota example 2".

zzoota example 2		Sensors					
Address:	9 Upton St, Bundall QL...	GSM	63 %	VIN	JTMHV05J40...	RPM	65535
Time:	28-01-2021 13:50:02	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.59 Volts
Stop duration:	34min 16s	Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	175 C		

## STEP 30

Select "Save".

The screenshot shows the ZZOOTA web interface with a map of Brisbane in the background. A modal dialog box titled "Add new" is open, with the "Notifications" tab selected. The dialog contains the following options:

- Sound notification
- Push notification
- Email notification  
  
For multiple emails separate them via semicolon ex.: user@example.com;user1@example.com
- Webhook notification  
  
The URL you would like event data posted to.

At the bottom of the dialog, there are two buttons: "Save" (highlighted with a red arrow) and "Cancel".

The background interface includes a search bar, a list of filters (High RPM, Pre-start not complete, Geofence In/Out, Driver welfare check, Excessive distance travelled), and a data table for a device named "zzoota example 2".

zzoota example 2		Sensors					
Address:	9 Upton St, Bundall QL...	GSM	63 %	VIN	JTMHV05J40...	RPM	65535
Time:	28-01-2021 13:50:12	Ignition	Off	Avg. Speed	0 Km/h	Battery	12.59 Volts
Stop duration:	34min 26s	Engine Hours	575.86 h	Avg. Fuel	0 L/100Km	Speed	0 kph
Driver:	-	Odometer	23608 Km	Temperature	175 C		

**A Custom Alert has been created for a Custom Event of Low Battery Voltage.**

**ZZOOTA**

Enoggera

Objects Events History

Search

- High RPM
- Pre-start not complete
- Geofence In/Out
- Driver welfare check
- Excessive distance travelled
- Low battery voltage

Successfully created alert

zzoota example 2 ● ACK Sensors

Address:	9 Upton St, Bundall QL...	<input type="button" value="GSM"/>	63 %	# VIN	JTMHV05J40...	# RPM	65535
Time:	28-01-2021 13:50:22	<input type="button" value="Ignition"/>	Off	# Avg. Speed	0 Km/h	<input type="button" value="Battery"/>	12.59 Volts
Stop duration:	34min 31s	<input type="button" value="Engine Hours"/>	575.86 h	<input type="button" value="Avg. Fuel"/>	0 L/100Km	<input type="button" value="Speed"/>	0 kph
Driver:	-	<input type="button" value="Odometer"/>	23608 Km	<input type="button" value="Temperature"/>	175 C		

END OF PRESENTATION