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# DashEditor CoreView Documentation

Client: XAP

Subject: List of product features

Reference: DocDashEditorCoreView_VersionD

## Document revision history

| Rel. | Date | Description | Author |
|---|---|---|---|
| A | 18/11/25 | Initial release | AB |
| B | 02/12/25 | Updated following the meeting held on 27/11/25 | AB |
| C | 29/01/26 | Layout update | DC |
| D | 26/02/26 | Review | MC |

# CONTENTS

# 1 INTRODUCTION

This document provides a comprehensive description of all features available in DashEditor for a CoreView configuration.

DashEditor is the software supplied by XAP for configuring display units.

Depending on the licence level, it can:

- Receive information from the vehicle's various devices (ECU, PDU, etc.)
- Receive sensor data
- Display data on the screen
- Manage alerts
- Configure data logging

This document provides a comprehensive description of all features available with a CoreView licence.

# 2 LOADING THE CONFIGURATION

The dashboard editing software can be downloaded from:

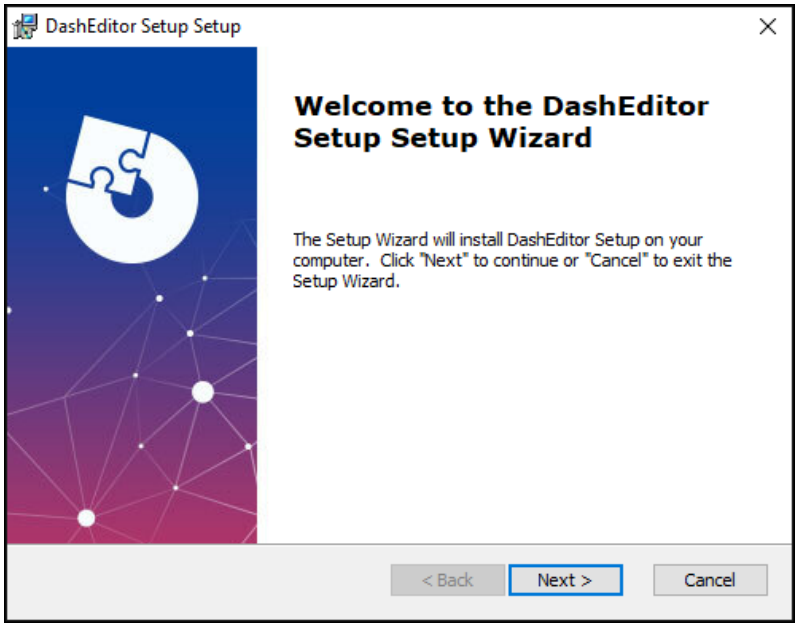
- Our website: www.xap.fr
- The configuration USB drive supplied by your distributor

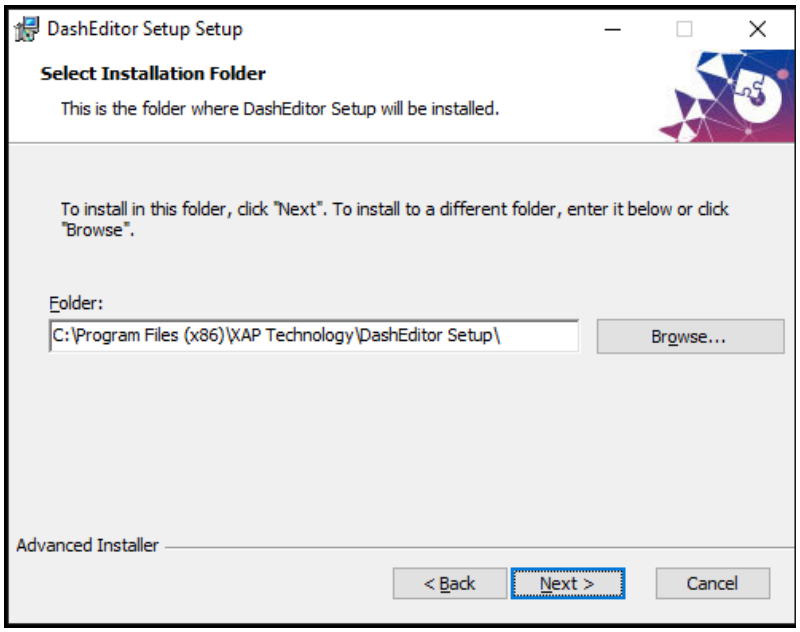
Important: at least a Basic licence is required to open the software. Please contact your distributor for further information.

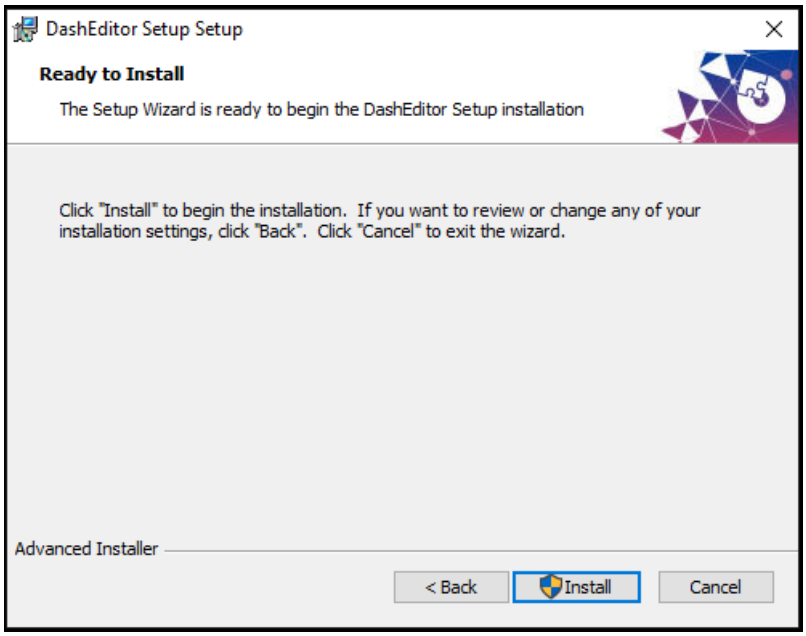
To load the configuration into the dashboard, follow these steps:

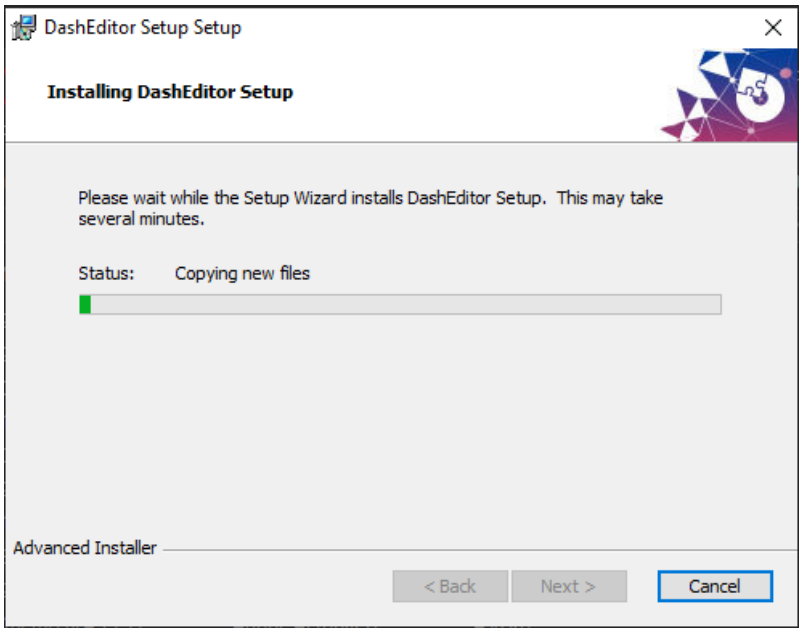
## 2.1 Download the DashEditor software

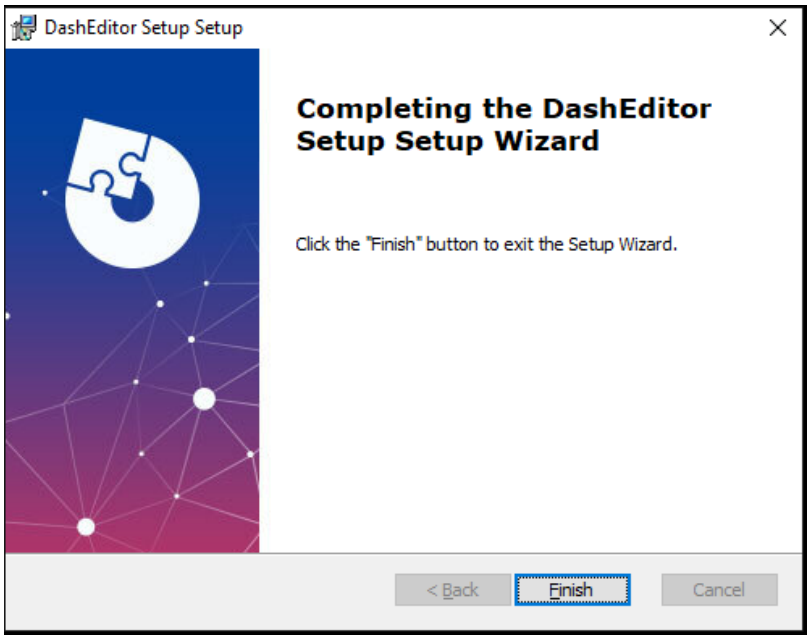
Once the software has been downloaded to your PC, install it by following the installer's instructions:




DashEditor Setup Setup
Ready to Install
The Setup Wizard is ready to begin the DashEditor Setup installation
Click "Install" to begin the installation. If you want to review or change any of your installation settings, click "Back". Click "Cancel" to exit the wizard.
Advanced Installer
< Back
Install
Cancel


DashEditor Setup Setup
Installing DashEditor Setup
Please wait while the Setup Wizard installs DashEditor Setup. This may take several minutes.
Status: Copying new files
Advanced Installer
< Back
Next >
Cancel

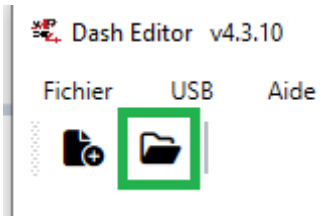



Once installation is complete, a "DashEditor" icon should appear on your PC.

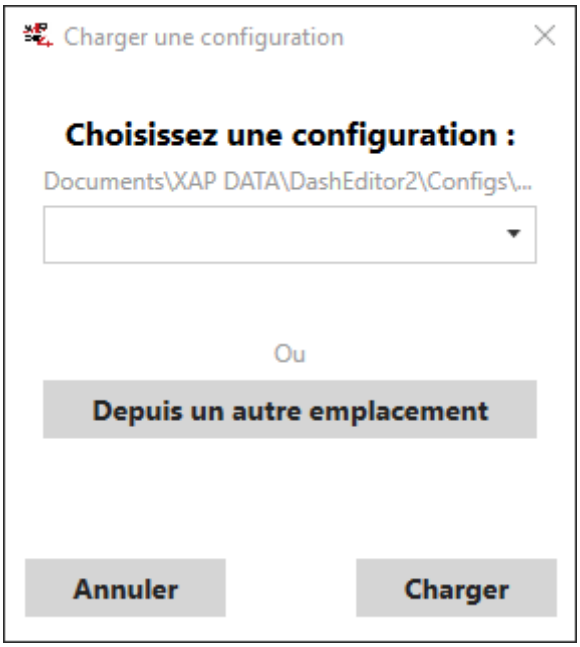
## 2.2 Loading a configuration:

To load a configuration into DashEditor, follow these steps:

1. Open DashEditor.
2. Click the Open button:

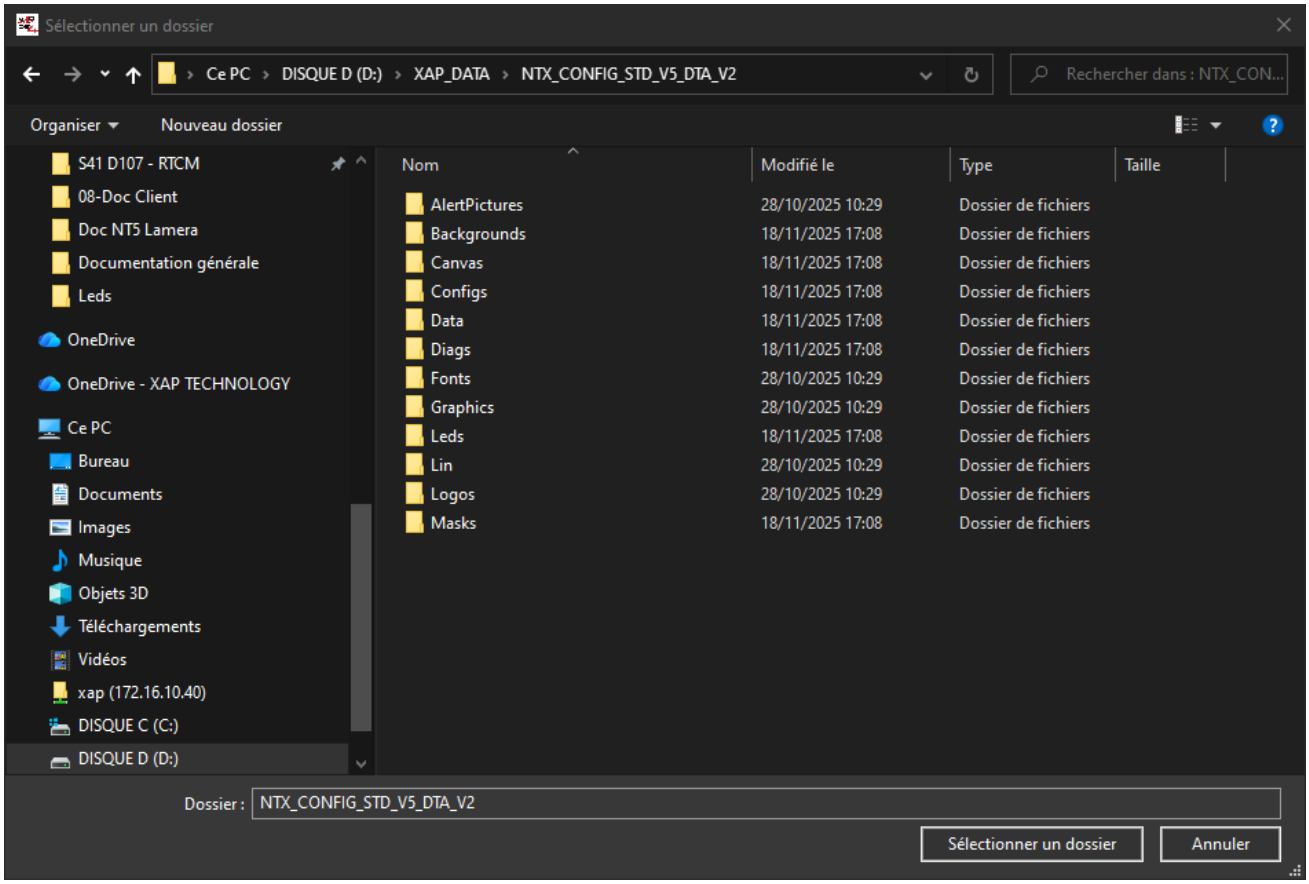



The following window should appear:

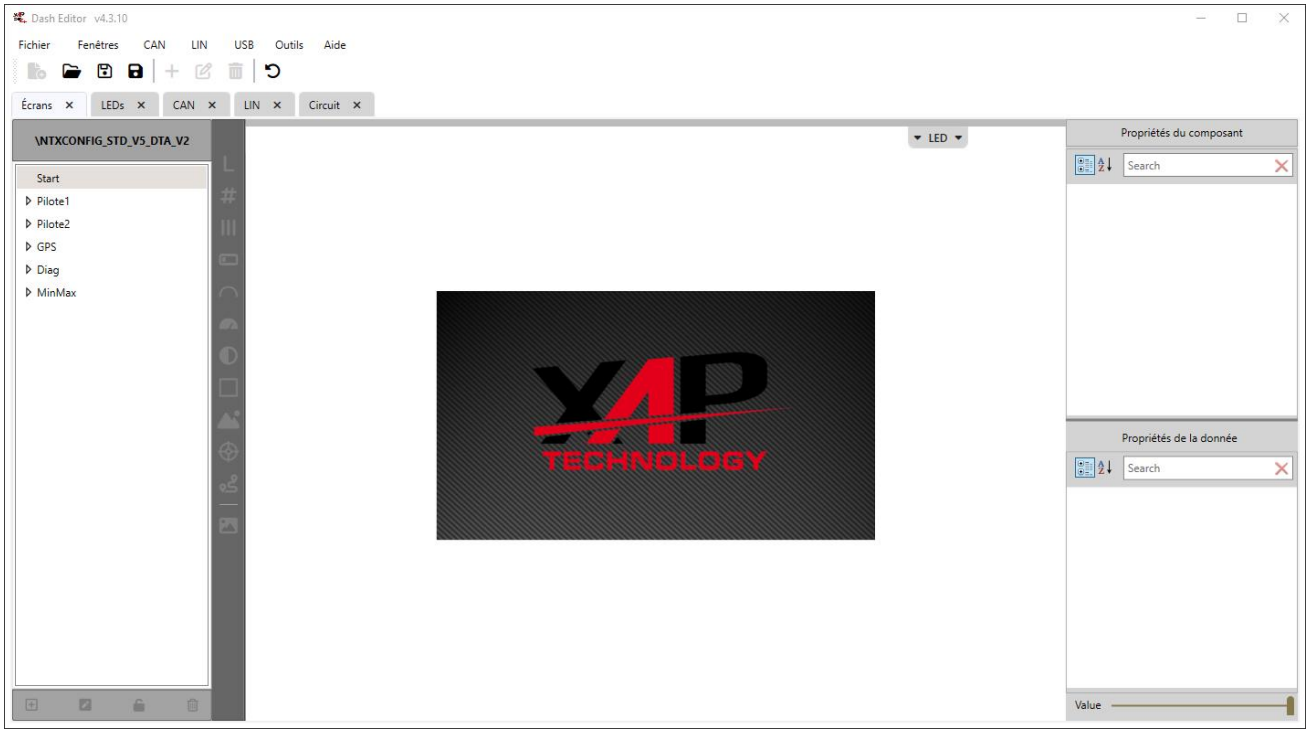



Click "From another location" and select the path containing your configuration.

In this example, we have selected a CoreView configuration for a DTA ECU.



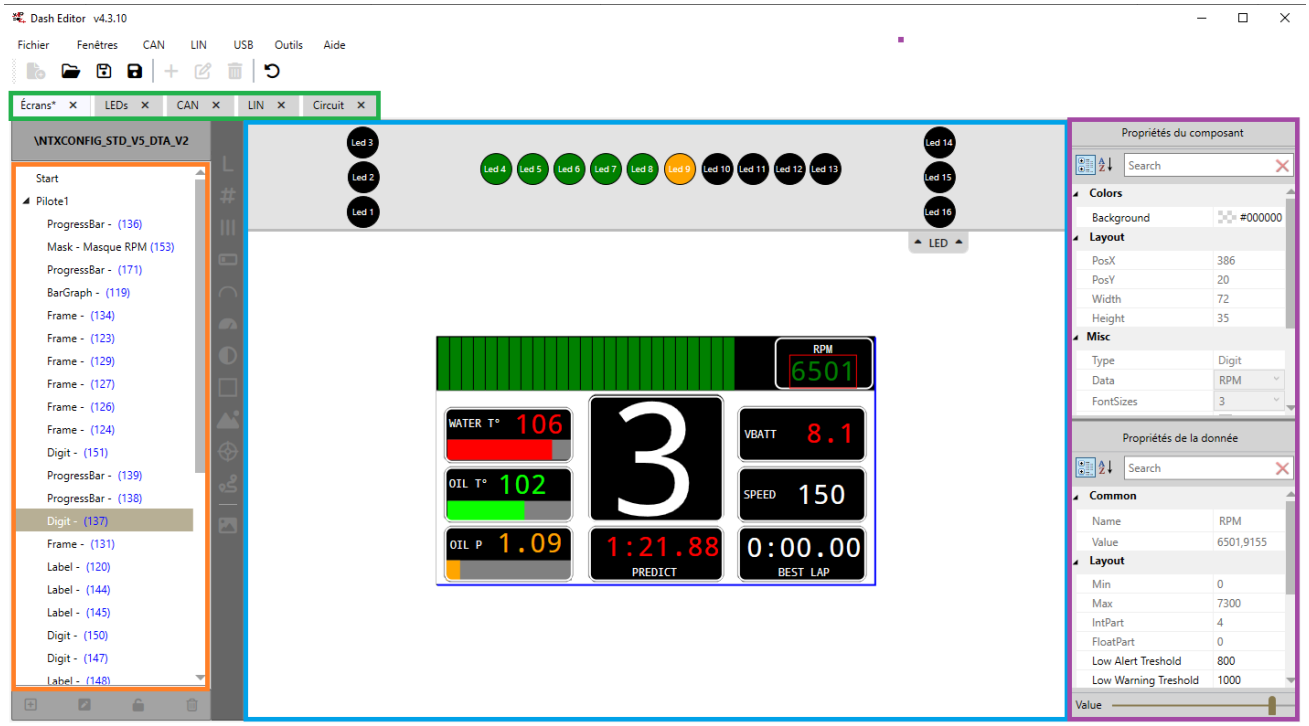
Once the configuration has been selected, the following window should appear:




NOTE:

- The XAP company logo displayed may vary depending on your distributor.
- The number of visible tabs may vary depending on your licence.

# 3 DASHEDITOR OVERVIEW




DashEditor is divided into four areas:

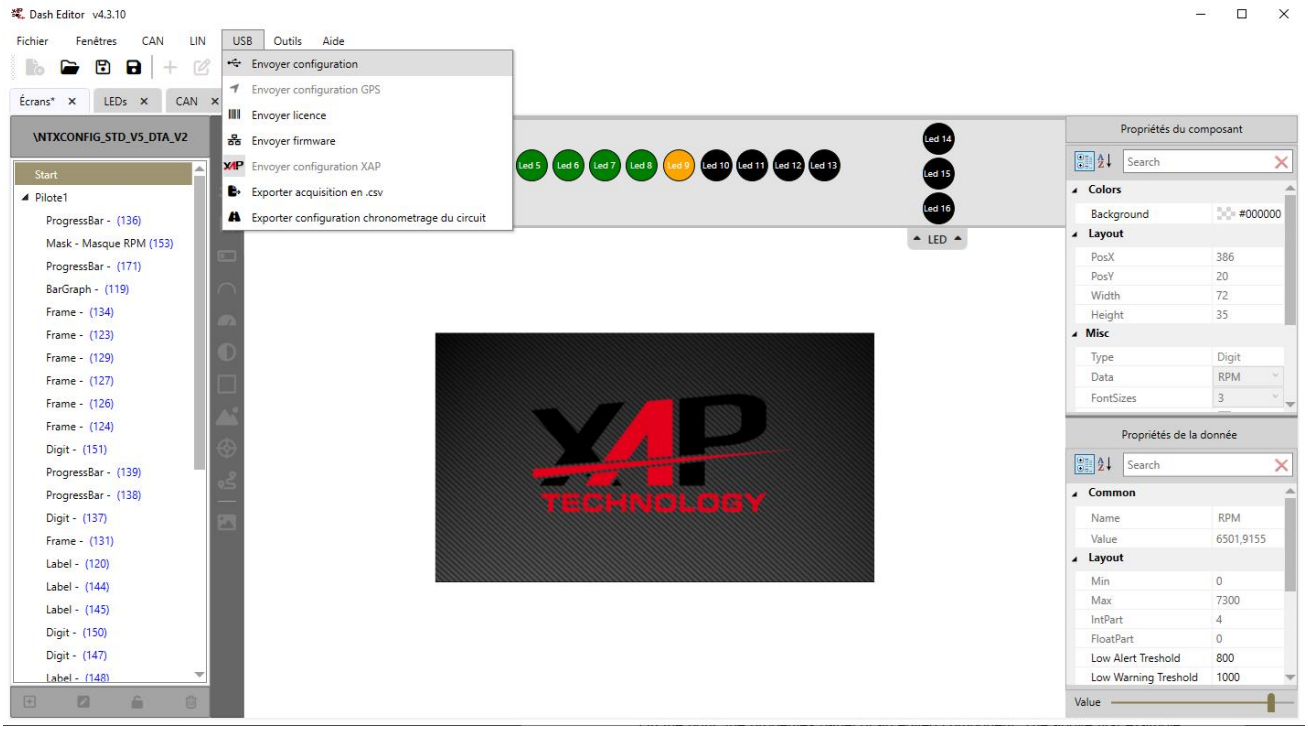
- On the left, in orange: a list of all screens available in the CoreView configuration
- At the top, in green: a list of tabs for advanced features
- In the centre, in blue: the product simulation area
- On the right, in purple: the properties of the selected graphical component

## 3.1 Sending a configuration

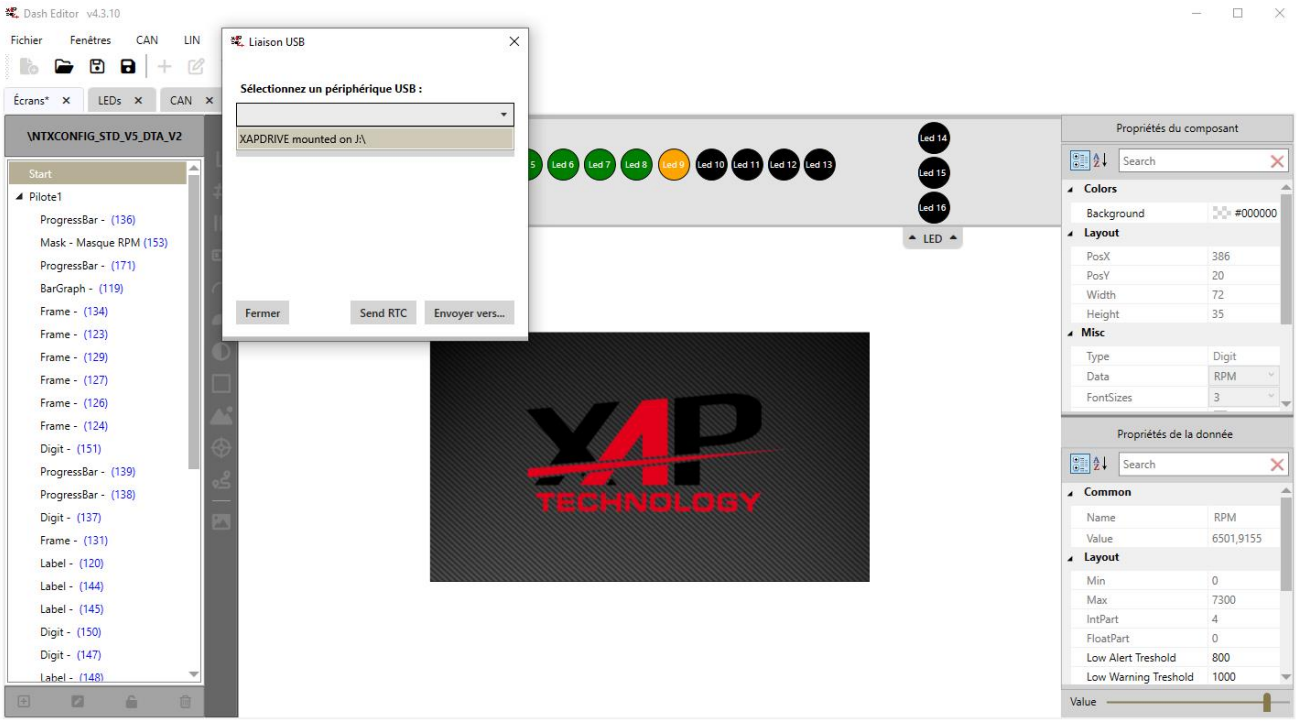
To send your configuration to the display unit:

1. Connect the display unit to your PC via USB (the use of a USB isolator is recommended).
2. Wait until the display unit shows "USB Connected".

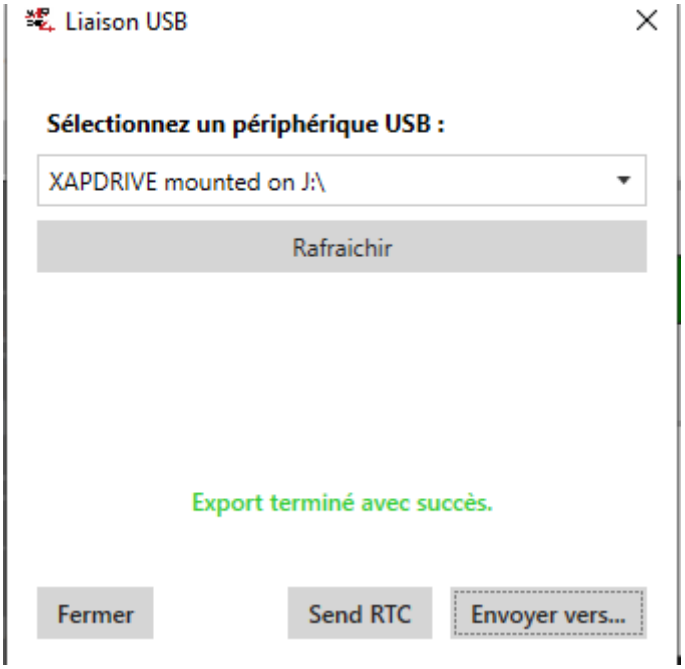

3. In the menu bar, click "USB", then send the configuration:



4. Select XAP DRIVE from the drop-down list, then click "Send to...". If XAP DRIVE does not appear, click "Refresh".




5. Once the configuration has been fully transferred, the following message appears:

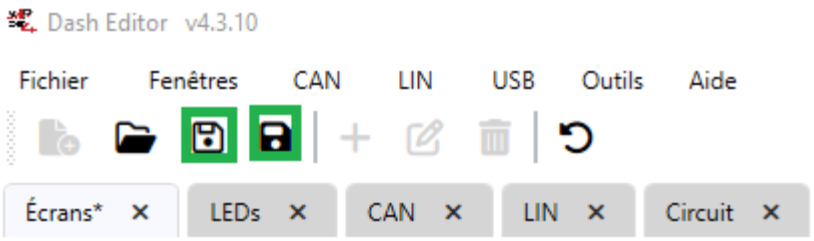


## 3.2 Saving a configuration

Once you have completed your configuration, you can:

- Save it to retain the changes
- Save it as a new version (Save As)

Use the two icons below to select the required save option:




The green icon on the left saves the configuration.

The green icon on the right opens the Save As function.

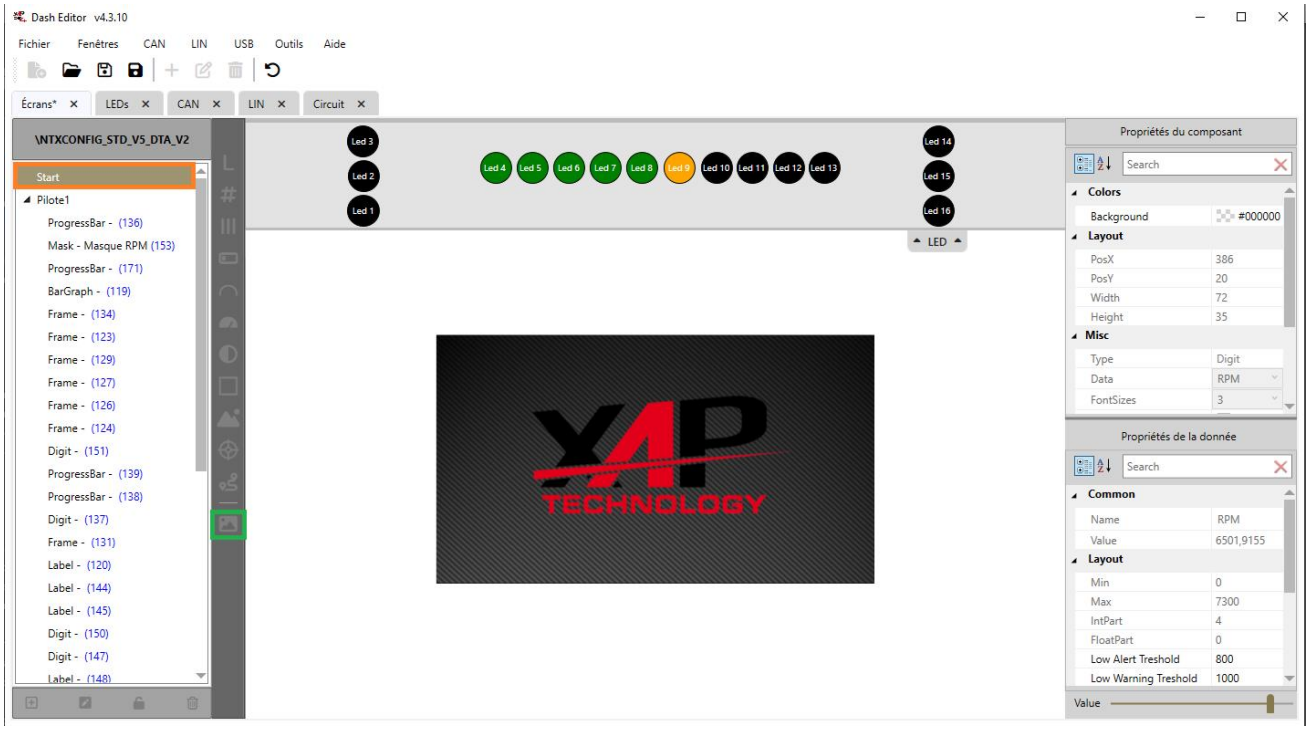
NOTE: if an incorrect operation is performed, you can undo it by clicking the icon on the far right.

# 4 CUSTOMISATION

The following dashboard elements can be customised:

## 4.1 Customising the start-up screen

You can customise the start-up screen by adding a 480 x 272-pixel image. To do so, click the "Start" screen at the top of the screen list (outlined by an orange rectangle in the screenshot below).




Then click the background selection component (green rectangle on the screen).

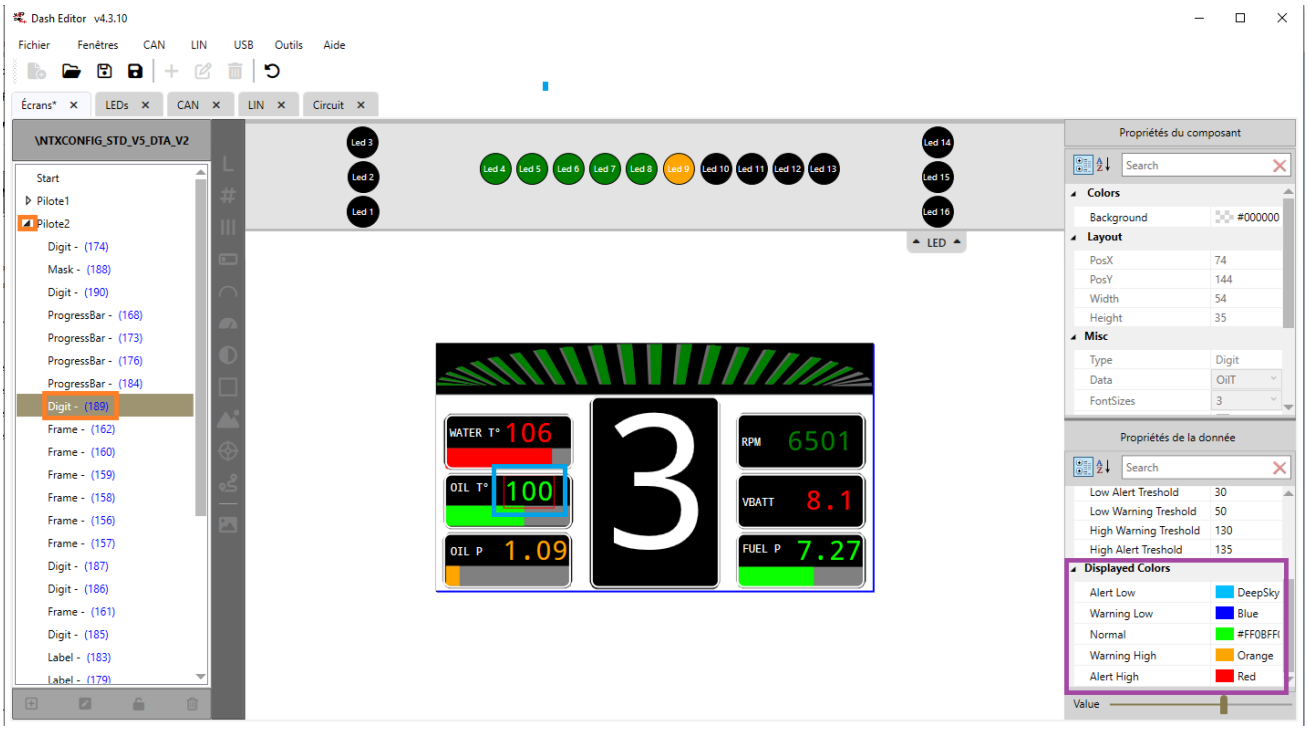
Select "+" to add a background image.

Select your background image, then press Enter to confirm the selection.

Your new logo should now appear on the screen. It will be displayed for two seconds whenever the display unit starts up.

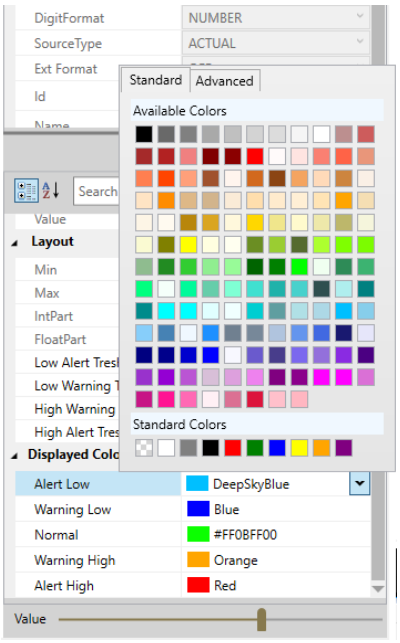
## 4.2 Changing the colour of a graphical element

You can change the display colour of a data item according to its warning thresholds.




To do so:

1. Click a graphical element on the screen (blue rectangle), or expand the screen's drop-down list to access all graphical elements on that screen (orange rectangles).
2. An area at the bottom right of the screen (purple rectangle) displays the various colours assigned to a data item.
3. Simply click a colour to change it directly.




NOTE:

- You can either select a preset colour from the list or click "Advanced" to define your own colour.
- After making the change, use the "Value" slider at the bottom of the screen to move through the data range and check that the colour change meets your requirements.
- Your changes apply to all data items of the same type on every screen. In this example, we changed the low-alert colour for OIL T. This colour applies to every screen that displays OIL T.

## 4.3 Changing a data warning threshold:

Changing a data warning threshold makes it possible to:

- Adjust the colour of a data item according to the vehicle specifications
- Change the value at which alert banners are displayed (see Section 4 of the NTX CoreView documentation for details).

Important: you make this change at your own discretion, and it must comply with your vehicle's technical specifications.

There are four main types of threshold:

- The low-alert threshold, which defines the value below which the data is abnormally low and action is required
- The low-warning threshold, which defines the value below which the data may be too low and should be monitored
- The high-warning threshold, which defines the value above which the data may be higher than normal
- The high-alert threshold, which defines the value above which the data is abnormally high and action is required

Note: all threshold values must be between the minimum and maximum values of the current data item.

These thresholds are respectively linked to four colour types:

- Low-alert colour
- Low-warning colour
- High-warning colour
- High-alert colour

The remainder of this section provides two examples illustrating the two types of change available.

### *4.3.1 Changing a data threshold*

In the following example, we will change the threshold of the WaterT variable on the "Diag" screen.


We will lower the high-warning threshold, currently set to 105 in the image above. To do so:

1. Click directly in the field to be changed.

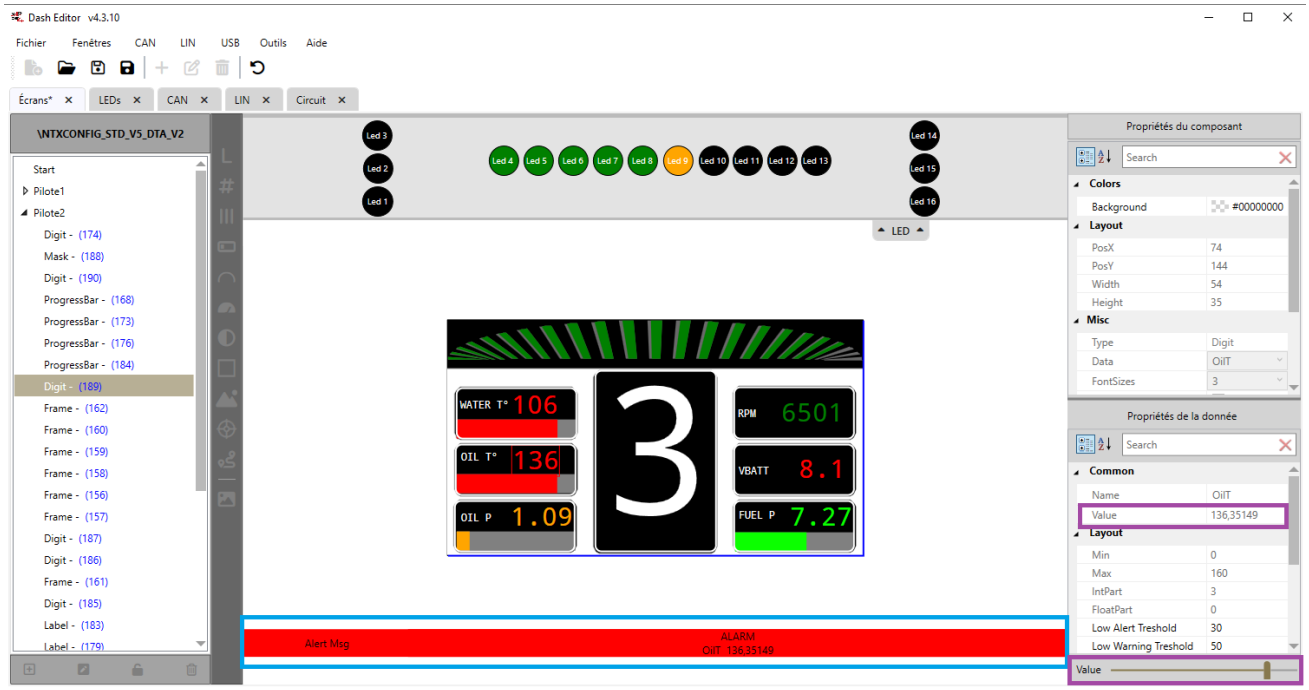

2. Change the value to 90.

3. Use the slider at the bottom of the screen to change the data value and check that "Water" turns orange as soon as its value exceeds 90.

### *4.3.2 Changing an alert banner threshold*

In the following example, we will change the oil temperature alarm threshold.

The oil temperature alert banner is currently triggered when the temperature exceeds 135°C:

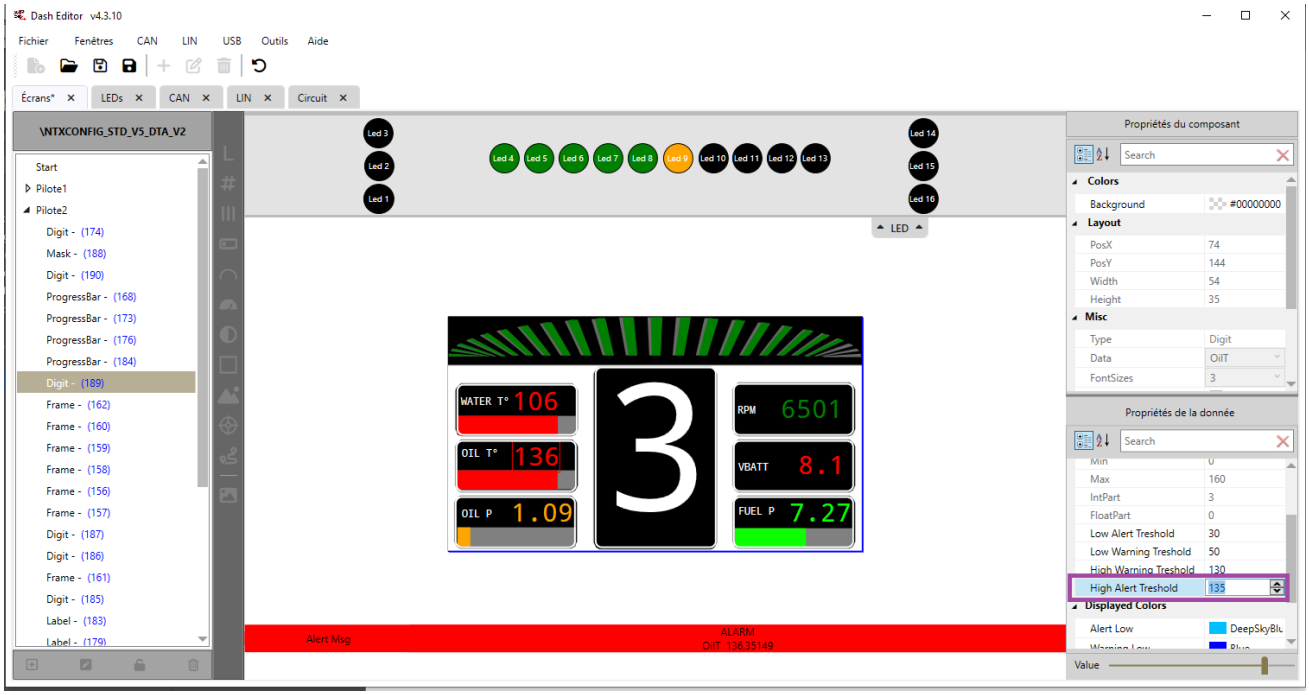



This image shows that, when the OIL T graphical element is selected and its value is adjusted using the slider at the bottom right, an alert banner is displayed when the value exceeds 135°C.

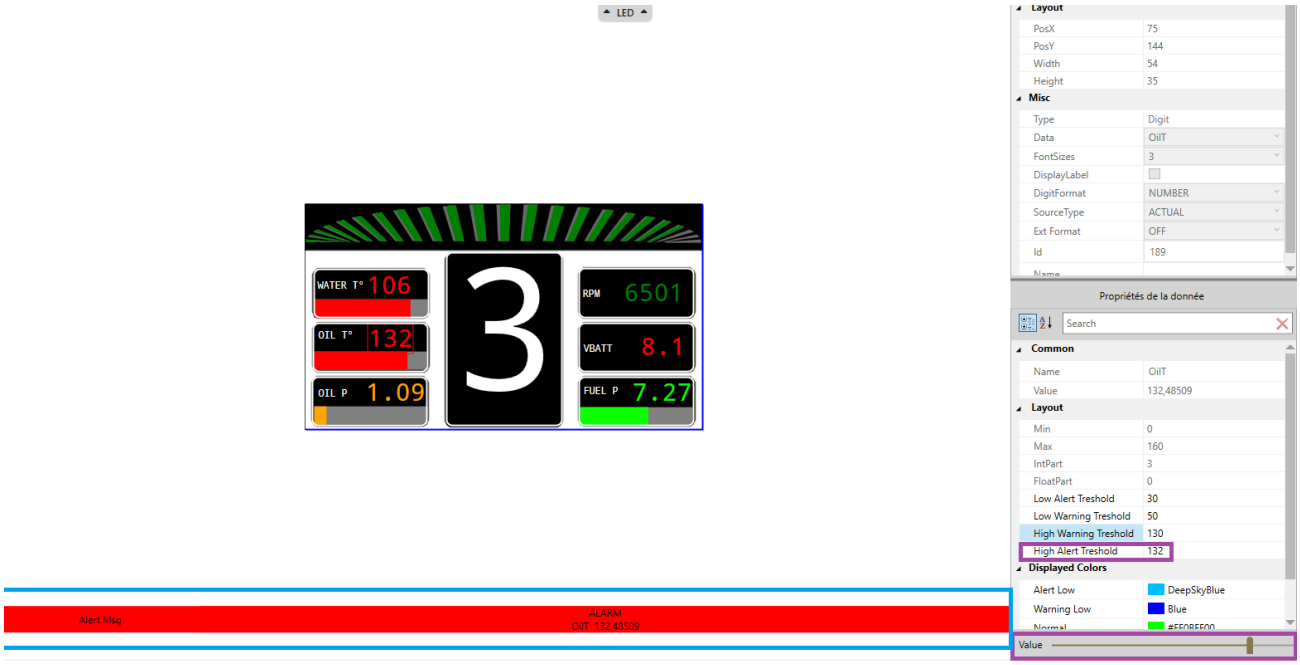
On the final product, this banner will be displayed in the top third of the screen, in place of the engine speed indicator.

To change this threshold:

1. Change its value directly in the Settings tab. In this example, we will set the value to 132.




2. Use the slider to check that the new value has been applied.



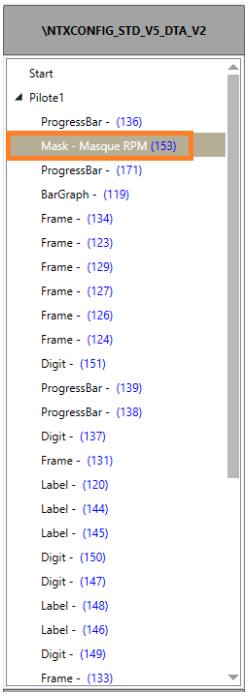
## 4.4 Customising the engine speed thresholds on the screen:

When the engine speed reaches a certain value, the background of the Driver 1 and Driver 2 pages turns blue.

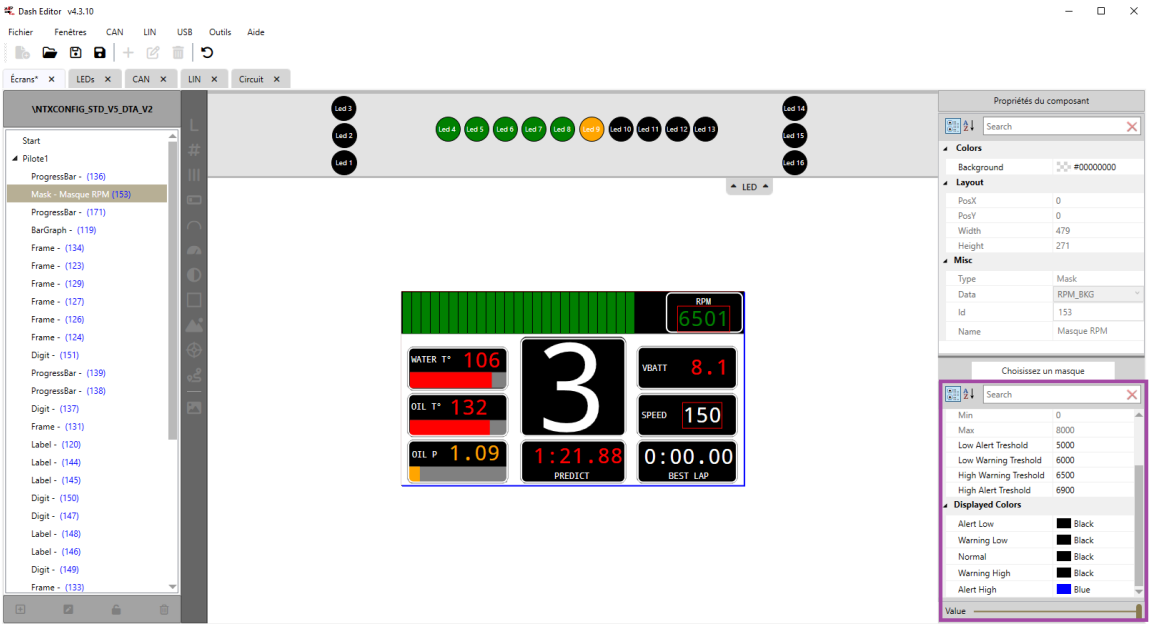
You can change both this colour and the activation threshold.

To do so:

1. Open the Driver 1 page and select the "RPM Mask" component.




2. Change the trigger thresholds and colours directly in the window at the bottom right.



## 4.5 Customising the LEDs

You can customise the colour and activation of the engine speed LEDs.

The default configuration is as follows:

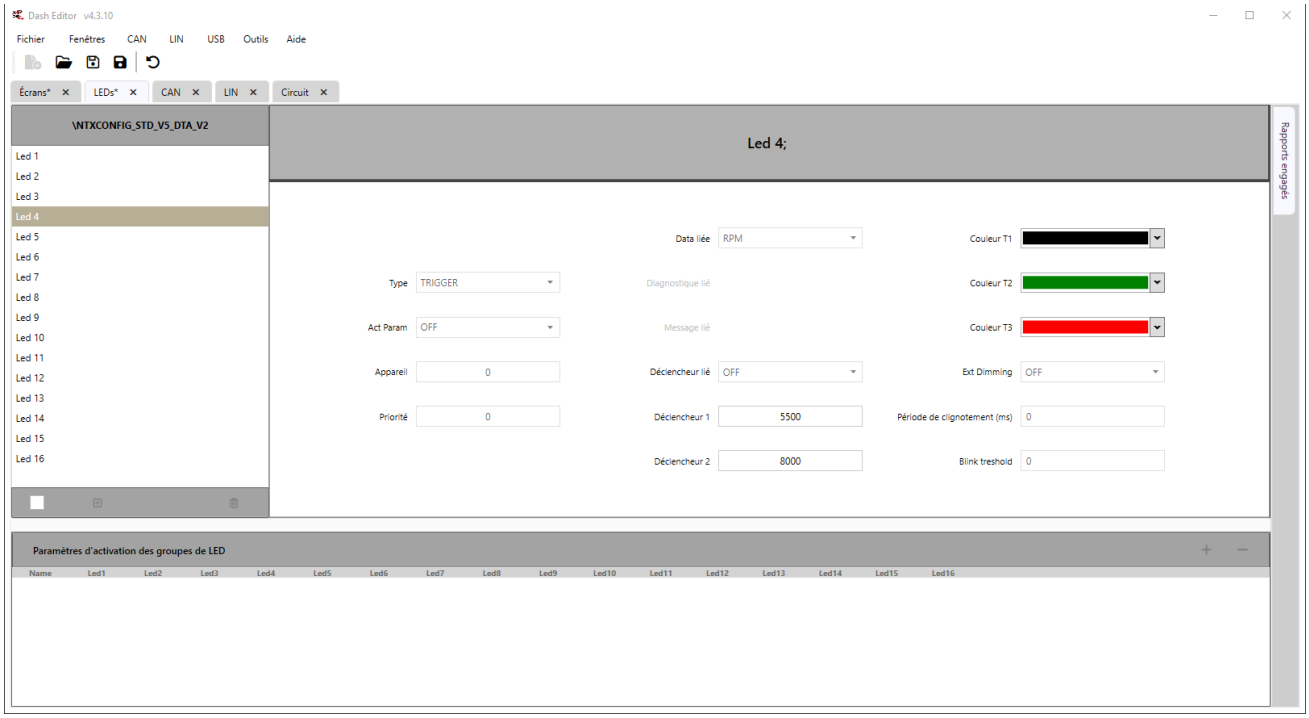

| LED number | Activation threshold (rpm) |
|---|---|
| 4 | 5500 |
| 5 | 5700 |
| 6 | 5900 |
| 7 | 6100 |
| 8 | 6300 |
| 9 | 6500 |
| 10 | 6700 |
| 11 | 6900 |
| 12 | 6950 |
| 13 | 7000 |

NOTE: by default, LEDs 1 to 3 and 14 to 16 are not available on the NTX. The engine speed LEDs are therefore numbered 4 to 13. LED 4 is the leftmost LED when viewing the NTX from the front. LED 13 is the rightmost LED.

To change the LED settings:

1. Open the LEDS tab.


2. Select an LED by double-clicking it (LED 4 in this example).




3. You can change:
    - Trigger 1 value, the threshold above which colour T2 is displayed
    - Trigger 2 value, the threshold above which colour T3 is displayed
    - Colours T1, T2 and T3

    In this example, when the engine speed is below 5,500 rpm, the LED uses colour T1 (black = LED off). When the engine speed exceeds 5,500 rpm but remains below 8,000 rpm, the LED uses colour T2. When the engine speed exceeds 8,000 rpm, the LED uses colour T3.

# 5 ADVANCED CUSTOMISATION

## 5.1 CAN configuration

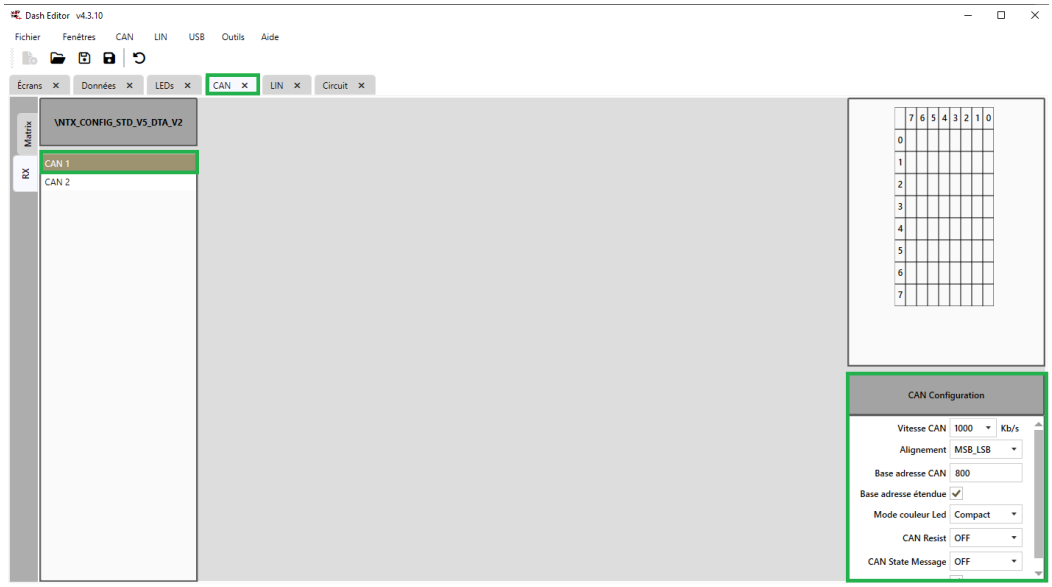
### *5.1.1 Changing the CAN bit rate:*

In some situations, an engine ECU may use a CAN bus bit rate that differs from that of the NTX. This mismatch prevents the NTX from reading data transmitted by the ECU.

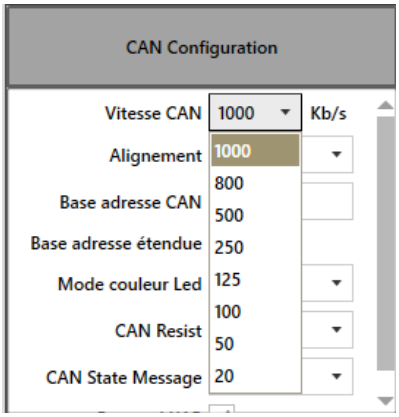
It may therefore be necessary to change the NTX CAN bit rate.

To do so:

1. Open the CAN tab in DashEditor and select "CAN 1".




2. From the "CAN Speed" drop-down list, select the same bit rate as your ECU.




3. Resend the configuration via USB > Send configuration.

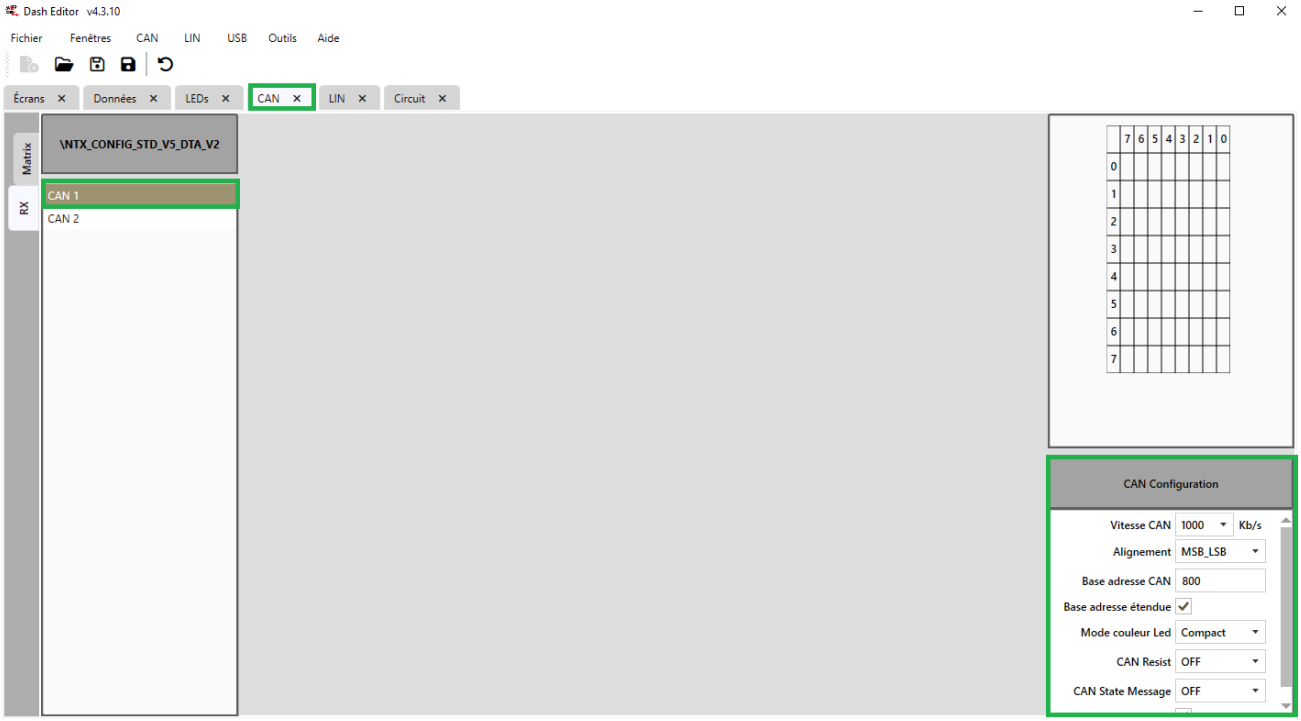
### *5.1.2 Adding CAN termination:*

Depending on the architecture of the vehicle's CAN communication network, it may be appropriate to add a CAN termination resistor.

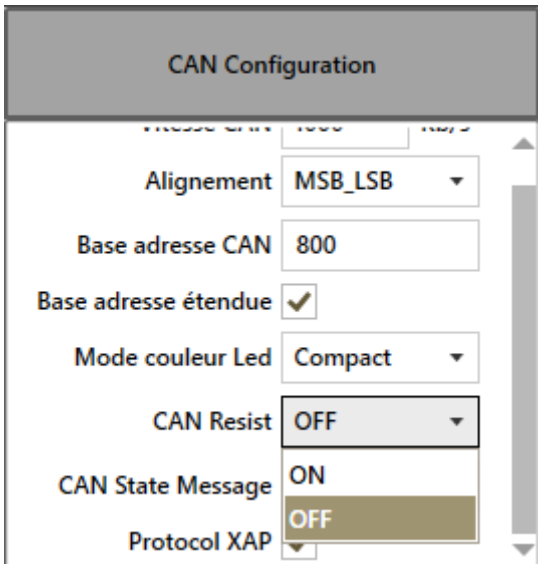
This resistor can be enabled directly in the display unit.

To enable the resistor:

1. Open the CAN tab in DashEditor and select "CAN 1".




2. Select ON from the "CAN Resist" drop-down list.



## 5.2 Track configuration

Important: this section requires a GPS antenna connector and antenna to be connected to the product.

By default, configurations are supplied with the GPS programmed in Track mode.

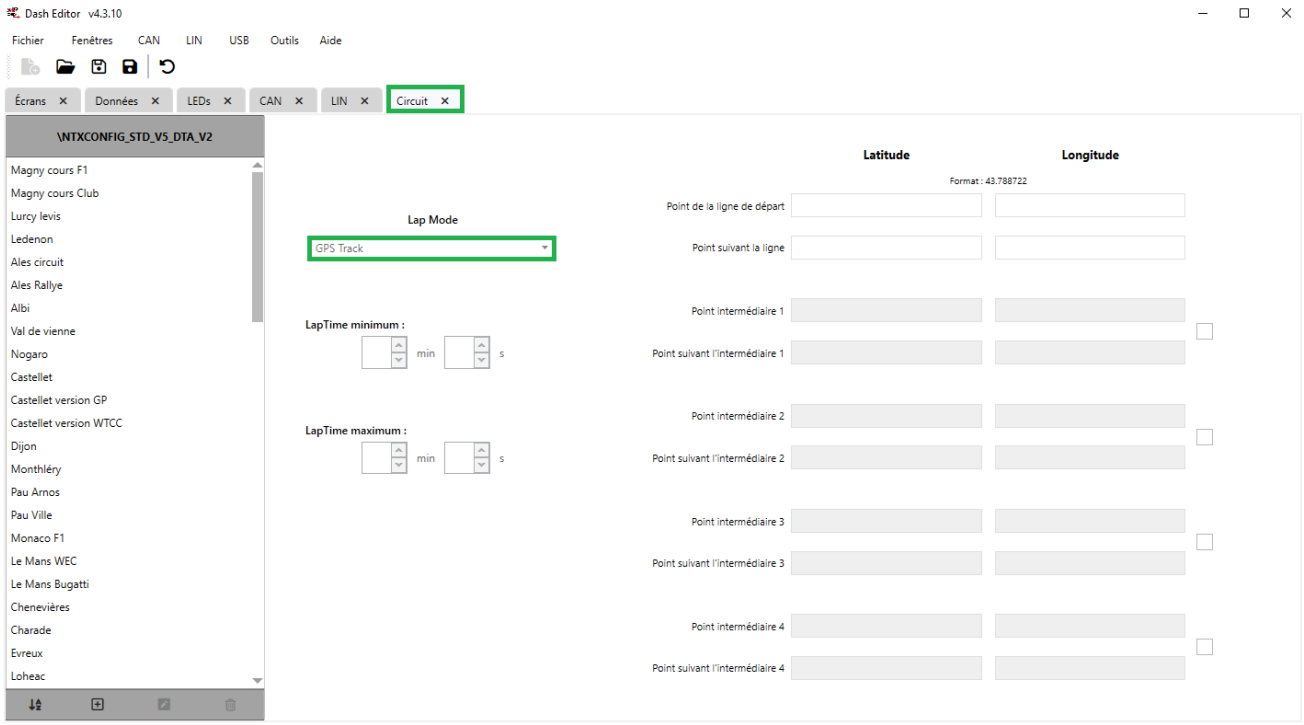
A pre-populated track list allows the lap time and predictive times to be displayed.

### *5.2.1 Switching from Track mode to Rally mode:*

For rally applications, lap times can also be recorded during special stages.

To do so, simply change the GPS operating mode in the configuration.

Open the Circuit tab, then select "GPS Rally" from the "Lap mode" drop-down list.



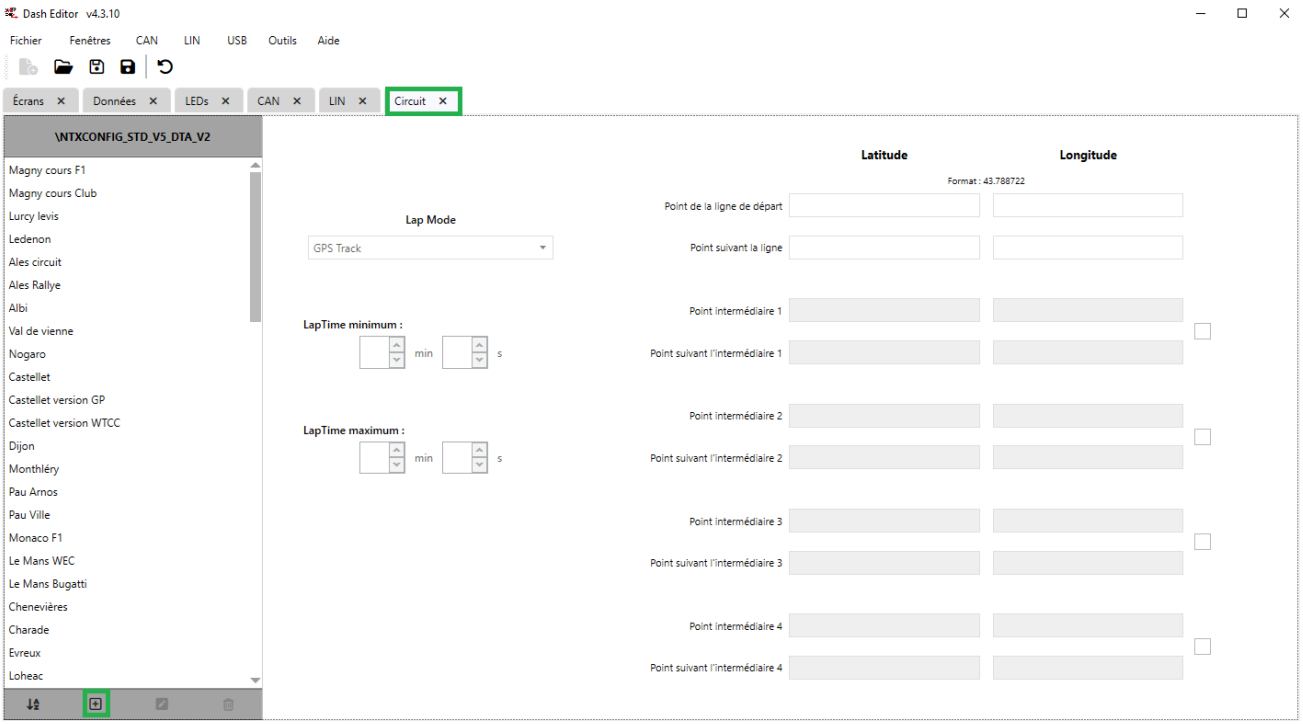

NOTE: when Rally mode is enabled, there is no need to populate the track list (see the NTX CoreView documentation for further details on Rally mode operation).

### *5.2.2 Adding tracks to the track list:*

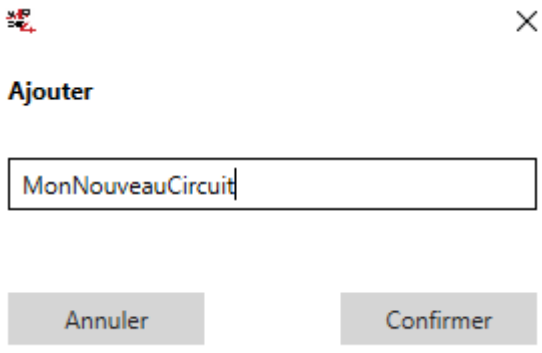
If the dashboard does not recognise the track you are using, you can add it directly to the list.

To do so:

1. Open the Circuit tab, then select the Add Track button.




2. Enter a name for your track:



3. Press Confirm, then select your track. Enter the position of the start/finish line and a point approximately 200 metres beyond it (the track coordinates can be obtained using Google Maps).