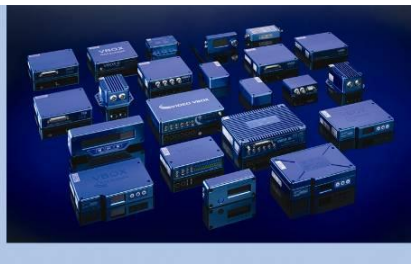
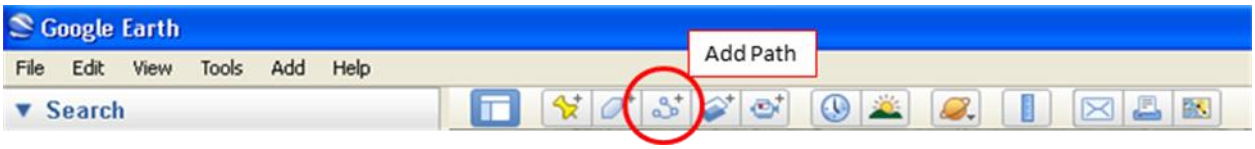
How to...Create a Start/Finish line using Google Earth



Creating Start/Finish line Using Google Earth

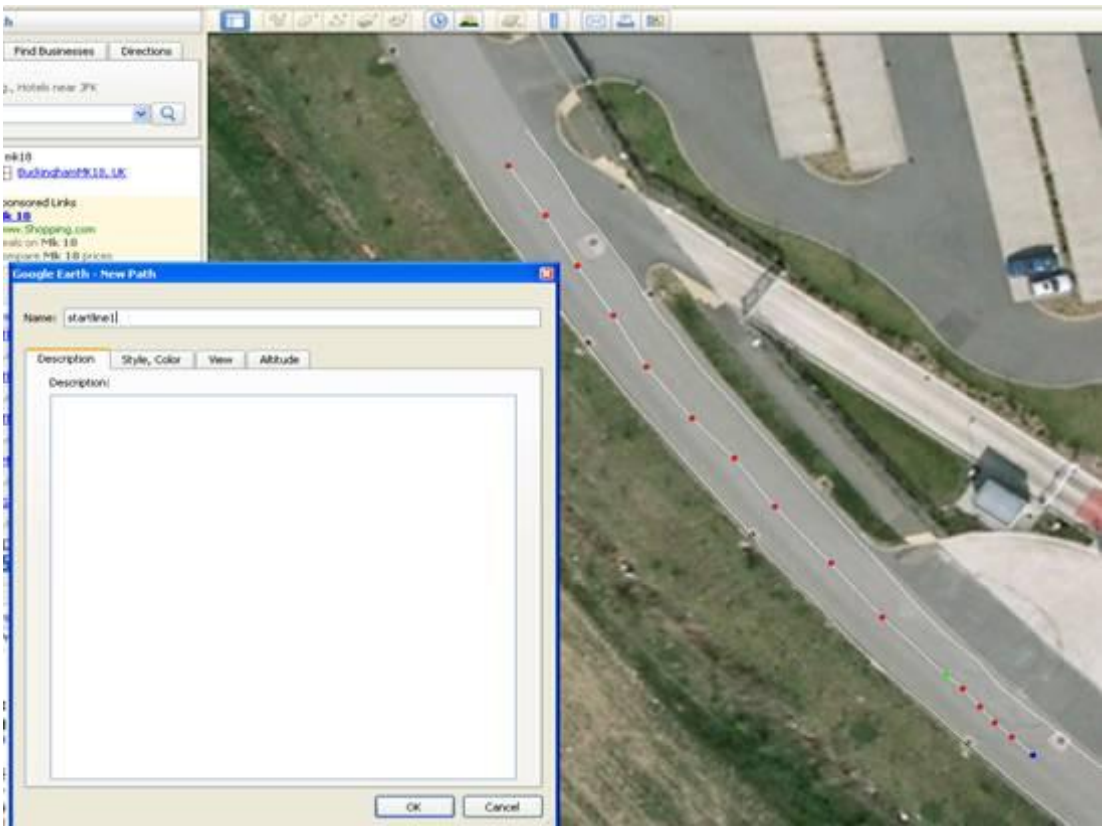
To create **start/finish line** file to load into Video VBOX Setup using Google Earth you will have to do the following:
Find your track location and click the 'Add path' button.
A window will appear. You should move this to the edge of the screen so you can still see the track. This window will remain open until you have finished drawing your start line.

Now, clicking on the map will leave a point on the map. Any subsequent points will be connected in the order that they are drawn. To select a certain point, you can just click on it (this allows for adding extra points in between other points already drawn).



Draw a line around the track leading up to the start line in the same direction as you intend to drive around the track. You must draw **at least** 10 points ***before*** the desired start line, and then around 5 after (below, right) here you can see the start/finish line is green (as I have hovered the cursor over it to point it out) with ten points before, and 5 after. However many points you draw, remember how many are before the start point and how many are after it.

The minimum of ten points is needed so that the software can get good heading values.



Now your line is drawn, name it and click OK in the window that appeared when you clicked the 'Add Path' button.

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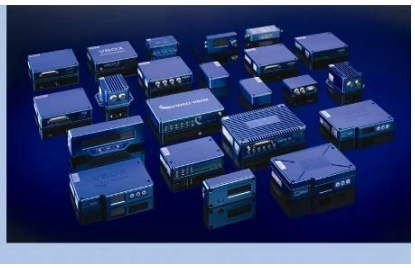
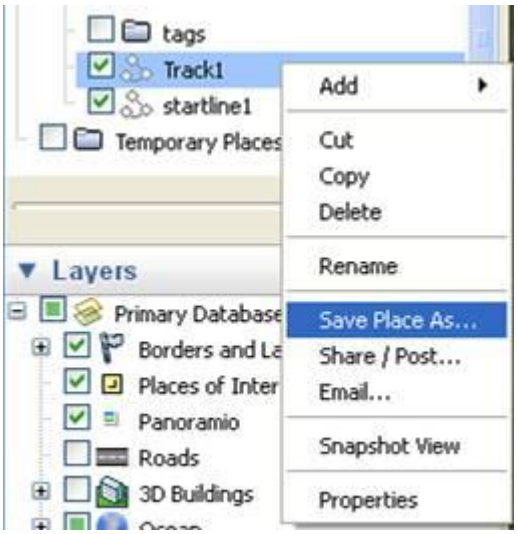
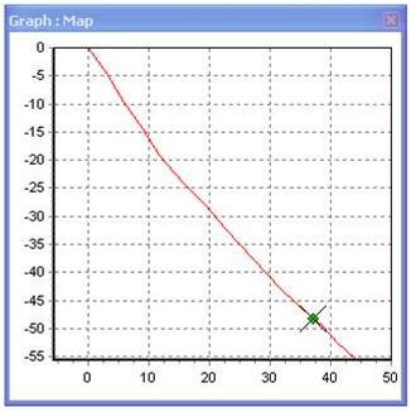


The file should now appear in the LH toolbar on Google Earth. Right click on this then select 'Save Place As...'and save to your desired location.



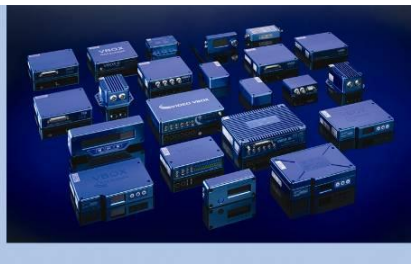
Make sure to change the file type to **.kml** in the dropdown list.

Open **'Performance Tools'** software (which is included in the Video VBOX Setup installer and can be found in the 'Start / All programmes / Racelogic' folder).
When the software is open, select 'Tools' and 'Import Data' as image below (left) shows.
Select your KML file then OK. This should now load the line into the software.

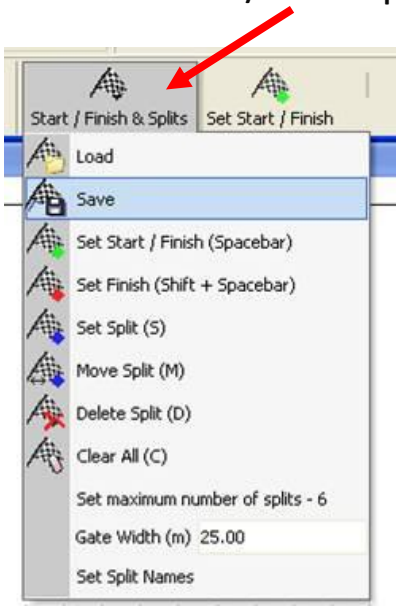


Now you must set the start point. Click on the data graph to locate the cursor, and go back to the beginning of the file.

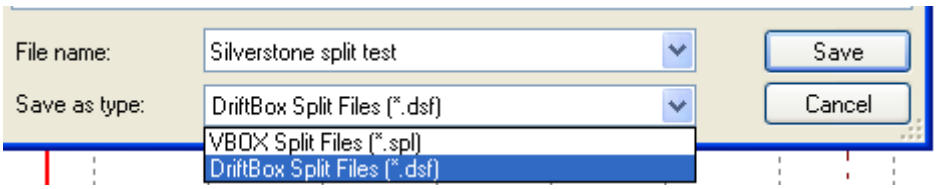
Then, hold down the ALT key (this makes the cursor moves sample by sample) and use the arrow keys to move past your ten samples and stop on your desired start line.
Once your cursor is sitting at this point, press the space bar.
A window will now appear telling you the start line has been set and a green dot will appear on your map graph as shown above.



Now click on **Start / Finish & Splits**, and select **save** from the drop down list.



In the next window that appears, you can choose whether to save the file as a .SPL file or a .DSF file. A VideoVBOX will accept either of these when loaded into a scene, but only a .DSF file on an SD card. A PerformanceBox or DriftBox will only use a .DSF file.



*To use this file in a **VideoVBOX**, load the file into the scene under **'Start/Finish & Splits'** in Scene Properties in **Video VBOX Setup** software, **OR,** save the file onto the root of an SD card and put the card into the unit.

*To use this file in a **PerformanceBox** or **DriftBox**, save the file into a folder named 'DATA' on an SD card and put the card into the unit, then select 'Load Splits' from the Lap timing menu. The file **must** be called '**DBOX.DSF**' to be detected by the unit.

In **Video VBOX Setup**, you can see the Start/Finish line has been loaded by the visible lateral and longitudinal values under the scene properties as shown below.