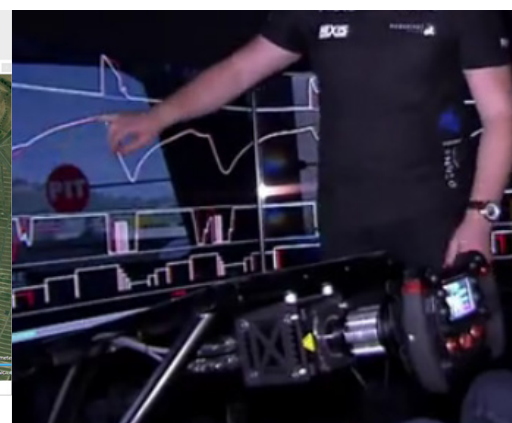
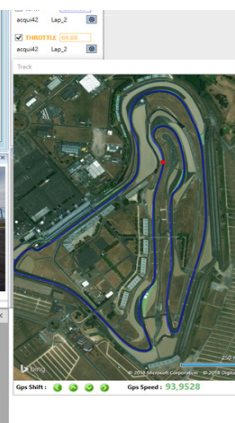




E-RACE

The new E-race is a powerful software designed for motorsport acquisition data analysis.

E-Race is highly **Configurable & Flexible**.

Our software solutions for data analysis provide you a wide range of analyzing and displaying formats.

E-race What For :

- To Analyse Vehicle Performance
- To Analyse Drivers Performance
- To Analyse Drivers Progression
- To Help with Vehicle Dev. and driver adaptation
- To Monitor Reliability and Safety
- To Determine Vehicle Parameters
- To Keep Maintenance Logs

This software is accessible to various users :

- Mechanics can monitor the oil pressure and other parameters during trials and race stage
- Engine manufacturers can check the camshaft's position relative to target
- Coaches can help the young driver to manage their trajectories or braking,
- Engineers can set the aerodynamic balance or adjust gear shifting,
- Drivers can compare their performances

THE BEST TECHNOLOGY AT THE BEST PRICE !

The main features of E-RACE are :

Acquisition datas analysis on graphs

Real time monitor directly by wifi communication or CAN communication

Time interval calculations, Bit analysis of a diagnostic data, GPS Track position synchronised with acquisitions

One or more video display synchronised with acquisition synchronisation

Virtual Dash with real time data visualisation or in replay data acquisition

CAN and TCP/IP connexion in real-time, connect to simulator (asseto corsa, Rfactor)

Simple mathematical channels

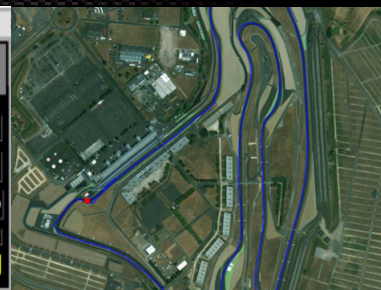
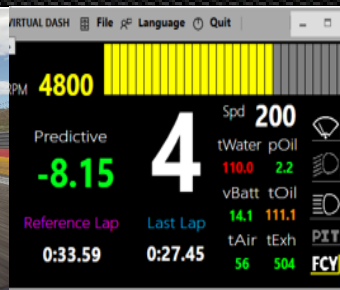
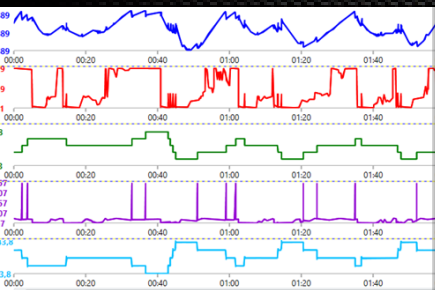
One or more dataset can be analyse and compare at the same time

Graph value from different datasets and synchronise by lap or session

Designate the best way to visualize and organize your data for efficient analysis

View, analyse and compare realtime data with uploaded logged data

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What kind of data can be analysed with

There is a huge amount of parameters to look at when logging data with XAP Technology devices or other datalogger, and these parameters can be related to any part of the car.

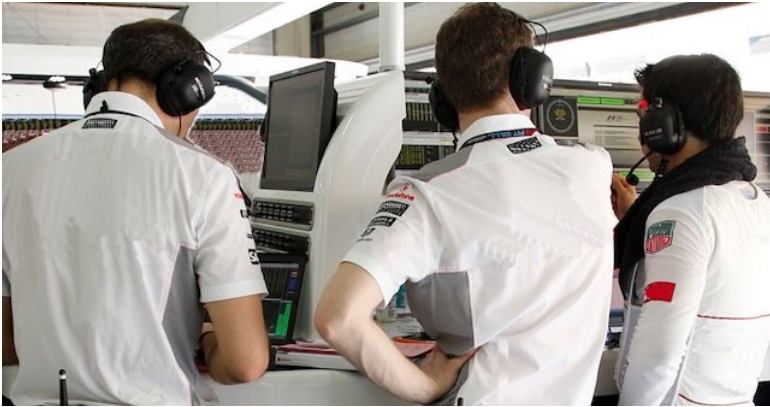
However, they are generally categorized in three types : powertrain and body, vital functions and safety, drivers.

E-race can analyse all these three type of data with a power full graphical representation.

E-RACE software is one of the first motorsports software that can integrate and fuse a variety of more complex data sources (analog, digital, CAN) into a single cohesive data model.

This datamodel enable Bluetooth and Internet of Things (IoT) sensors integration.

Moreover, there are many data you can log with the internet of things biometric sensors for example : monitoring a racers heart rate, body temperature and muscle oxygen levels.



FOCUS ON GRAPHICAL FEATURES :

Erace is organised in workspaces and worksheets. In a worksheet, different type of graphics can be added:

- Line graphics,
- XY graphics, which have two display mode to graph data on X axis and another on Y axis:
 - Density visualisation mode,
 - Points cloud visualisation mode.
- 3D graphics (requires a 3D graphic card for comfortable display).

DATA PRESENTATION

Imported data can be analysed at once in Erace, but can also be compared by laps from the same or from different datasets.

This powerful feature allows users to compare a best lap from a session to the best lap of one other.

For a fast and easy data reading, Erace has specific features:

- Quick and easy lap selection,
- Synchronized graphics enabling a fast research in a dataset,
- Data highlighting directly on graphics,
- Distance and time modes are supported,
- Easy time interval calculations directly on graphics,
- List of displayed data with easy filtering and settings functions

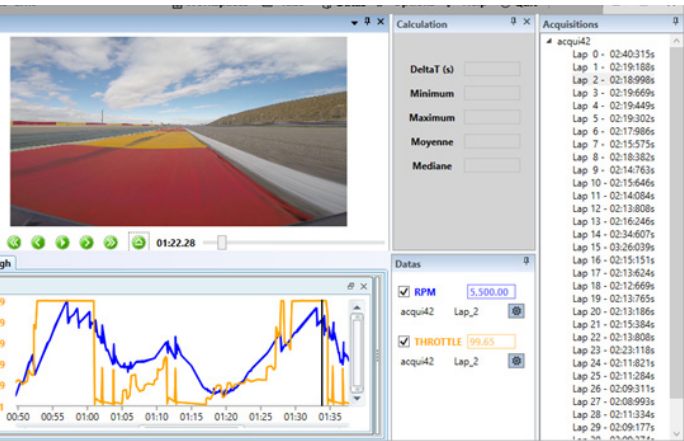
REAL TIME DATA RECEPTION

Erace includes a real time data reception module that can display and log all incoming data from a XAP device.

All incoming data are recorded and can be displayed at any time on a graphic

Erace can be easily connected to a WIFI or a CAN interface to launch a monitoring session.

Erace supports high speed wireless 100 Mbps Ethernet and CAN bus from 125 Kbit/s to 1Mbit/s.



MINIMUM SPECIFICATIONS:

Operating System: Windows 7/8.1/10 64Bit

Processor: Intel® Core™ 2 Duo 3.0Ghz or MD Athlon II X4 640 3.0Ghz

RAM: 4GB (6GB recommended)

Video Card: NVIDIA or AMD 3D card with 1GB memory.

CAN: PEAK USB adapter (CAN USB Interface)

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