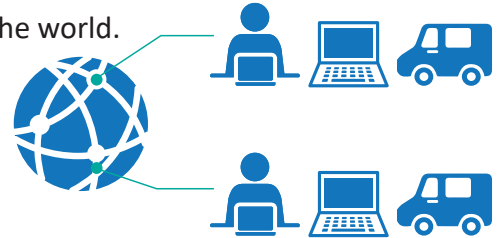


## 01 Issue

### Environment changing (MaaS, ADAS, ...)

Development is accelerating on various PC environments around the world.

→ Engineers need an efficient analytical environment which is out-of-the-box and available everywhere.



## 02 Solution

With OptiMeister Online, you can

- Define the phenomena and features you want to analyze and extract them from the data
- Share your analysis data and observations instantly from anywhere in the world
- Automate tedious data formation and routine analysis tasks



SmartLoggingService allows you to seamlessly perform measurement and analysis.

## 03 Features

### Analysis contents utilizing vehicle analysis knowledge

- |                   |                 |                        |
|-------------------|-----------------|------------------------|
| ● Data extraction | ● Charts        | ● Other                |
| ▶ Filtering       | ▶ XT/XY/Scatter | ▶ Comments             |
| ▶ Section cutout  | ▶ Map/Movie     | ▶ Data/Section Summary |
|                   |                 | ▶ Marker               |

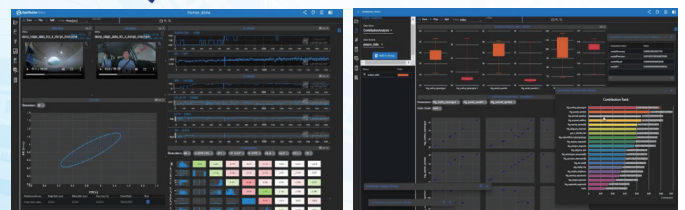
### Analysis contents utilizing vehicle analysis knowledge

- PreProcess package
  - ▶ Automates processes such as time synchronization, signal naming, arithmetic, and data merging

### Human bio-signal analysis/Vehicle Phenomena Analysis

- TTDC original analysis packages

 OptiMeister Online



## 04 Case Studies

### Data Extraction

#### Cut out the targeted phenomenon

Specify threshold, rise, slope, etc., and cut out the targeted section.

##### Example: Sig.A

Cutting out the sections that exceed the defined threshold

##### <Processing Results>

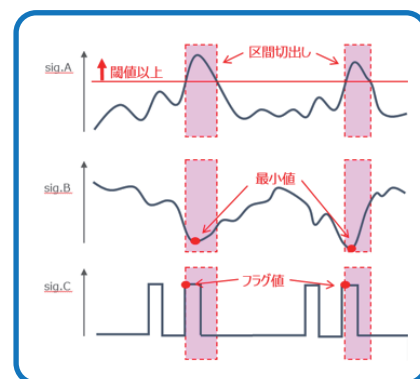
Section	Start time	End time	sig.B_min	sig.C_max
1	10.05	12.34	20	1
2	18.42	19.86	18	1

#### Quantification

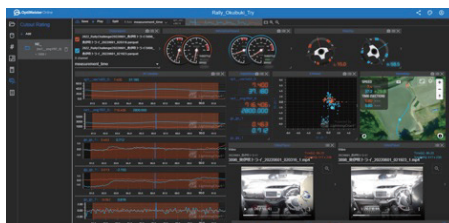
Quantification of the intercepted interval, such as maximum, minimum, average, etc.

##### Example: Sig.B Minimum

Sig.C Maximum value of flag



Automatic zooming in on a section

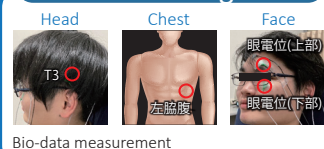


### Human bio-signal analysis

We are developing technology to estimate the human condition from a variety of sensors



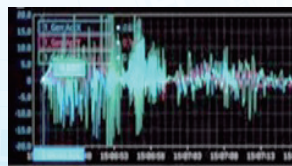
#### Human bio-signal



### Vehicle Phenomenon Factor Analysis

Supporting factor analysis of complex vehicle phenomena provides new insights in a short evaluation period

#### Auto ML



OptiMeister Online



### Contact

OptiMeister support  
Mail:optimeister-support@ml.toyota-td.jp

You can try it!

