

# DATA PREPARATION FOR A 3D MAP CREATION PROJECT

## The client

The customer is a Japanese multinational corporation known as a manufacturer of cars, automobiles, motorcycles, and power equipment.

## The requirement

The client is in need of creating the features and attribute data necessary for automatic driving and driving support.

## The outcome

FPT DPS develops automations tools that allow to save cost and enhance the process of analyzing recorded images, which consists of 5 majors:

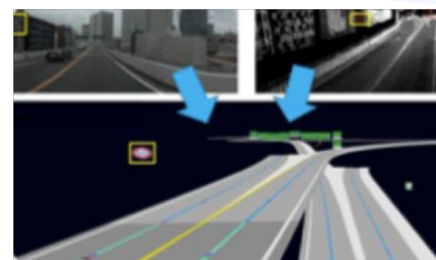
**Trajectory correction:** Correct data due to differences between the GPS and the camera/laser

**Registration:** Correct error when measuring the same line multiple times

**Line segment data creation:** Create segment from laser information

**3D feature adjustment:** Maintain 3D feature

**Attribute adjustment:** Align the 3D feature acquired



**Industry:** Automotive

**Benefit:**



Large amounts of input in different formats (video, image...)



Data creation for machine learning