

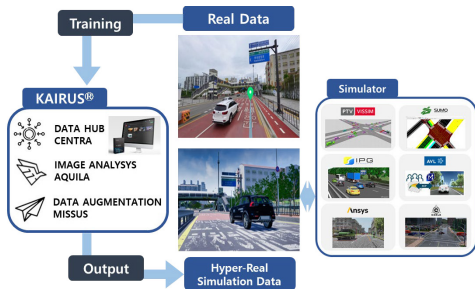
Company Introduction

Intellectus was established in September 2020 and specializes in R&D and delivery of image processing and big data processing systems based on AI. We have developed and possessed various in-house AI solutions and conducted multiple collaborations with global companies and Korea with AI, big data, and digital twins. We have accumulated technical skills by carrying out a number of government projects. In particular, we are concentrating on developing and supplying hyper-real simulation data generation and augmentation solutions using cutting-edge AI technology in the autonomous driving industry.

Main Products Introduction

Hyper-Real Simulation Data Creation

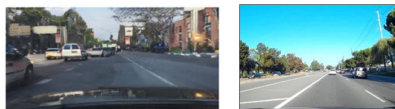
Create virtual data for autonomous driving simulators by extracting feature points from real road driving images. Improve data quality to a level similar to real life by generating various noises in virtual images using GAN models.



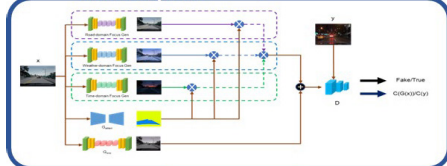
Real Driving Data Augmentation

Convert driving data that reflects environmental variables such as weather and time from original driving data (Weather-domain Focus Generator, Time-domain Focus Generator)

Origin Data



Weather, Time, Road condition Transform By GAN



Transformed Data

