



Hwaseong City



The Next Creative Frontier
Hwaseong

CLIENT

Hwaseong City

CHALLENGE

- Low rating in road environment and driver safety
- Solution needed for building an Intelligent Transport System

SOLUTION

- RaaS road analyzer installed in 70 buses on major routes
- Client-specific RaaS monitoring dashboard

RESULT

- RaaS to be fully implemented by April 2023

Hwaseong is a city in Gyeonggi province. It has one of the fastest population growth rate in Korea, with the highest GRDP(Gross Regional Domestic Product) among all municipalities. It ranked 6th in number of population and 5th in number of registered cars in Korea.

As major Korean companies such as Samsung Electronics , Hyundai Motors, and Kia Motors building factories and industrial parks in Hwaseong, the city has been rapidly developing to meet the growing population’s needs.

CHALLENGES

In 2021, Hwaseong City received a rating of B in traffic safety index. In particular, it received rating of D in the category of road environment, and C in the category of driver safety.

As part of their “Intelligent Transport System” commissioned by the the Ministry of Land, Infrastructure and Transport, Hwaseong was looking for a new solution to achieve their goal of building a digital road management system.

SOLUTION

Hwaseong City has installed Dareesoft’s RaaS road analyzer in 70 buses on major routes throughout the city. Real-time road hazard information will be collected by these devices and transmitted to the cloud for AI analysis. Hwaseong City’s personnel will be able to see these data on their custom-designed monitoring dashboard.



Hwaseong City’s buses where Dareesoft’s AI Road Analyzers are installed

RESULTS

Hwaseong City’s municipal government has started consulting Dareesoft starting in 2022. RaaS will be fully integrated to Hwaseong’s road maintenance and management system by April 2023. As of March 2023, devices installed on the buses are actively detecting hazards all throughout the city, providing useful data to the relevant departments to provide timely repairs and continuously improve the road environment.

“We are very satisfied with the high level of technology that RaaS has and excited to see the positive impact it will have in increasing our citizens’ safety”

- Director
Department of Cutting-Edge Transport, Hwaseong City