Seoul Metropolitan Government

SEOUL METROPOLITAN GOVERNMENT

CLIENT
Seoul Metropolitan Government

CHALLENGE
- Over 95% of road hazards are potholes
- Existing solutions deployed in Seoul had low detection accuracy

SOLUTION
- RiaaS road analyzer installed in 300 vehicles
- Customized monitoring dashboard for streamlined management

EXPECTED OUTCOME
- Potholes, cracks and pavement incidents alerted within one hour
- Detailed statistics of potholes by road type/location/time for budget and policy planning

CHALLENGES

Seoul, the capital of South Korea, has struggled with potholes – just like any other city. With potholes consisting of more than 95% of all road damage, Seoul Metropolitan Government(SMG) has deployed different solutions to detect potholes, but the detection accuracy was low. SMG has been actively looking for a solution that enables centralized and streamlined management of potholes and other road hazards.

SOLUTION & EXPECTED OUTCOME

Seoul chose Dareesoft's RiaaS to identify and manage potholes, cracks, and other road hazards. With our AI road analyzer devices installed in 300 public vehicles (50 buses and 250 taxis), SMG will be able to receive alerts of road hazards within one hour, enabling quick and efficient repair and maintenance of the roads.

SMG will also receive detailed statistics of potholes by road type/location/time on their customized monitoring dashboard for better budget and policy planning in the future.

It is truly innovative to be able to detect road hazards like potholes in real time through AI. RiaaS has improved our road maintenance system dramatically.

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