

PAV-DT

PAV-DT is a disruptive technology installed on the customer's vehicle to convert the vehicle into equipment for inspecting pavements in real time.



THE Applus+ SOLUTION

The technology is based on an advanced algorithm and a cloud-based platform that allow the client to access the latest information on the condition of the pavement at any time. The system also provides information on what maintenance actions are really necessary and when and where these actions they should be applied.

The collected information is recorded on a platform that allows alarms to be set if the data exceeds certain patterns, which improves maintenance planning and reduces its cost. With these features, a profitable maintenance strategy can be defined.

APPLICATIONS AND RELATED SERVICES

- Pavement inspection

Target customers

Public Administrations, construction and pavement maintenance companies.

Key customer benefits

- PAV-DT allows regular measurements to be taken in real time and compared with the previous measurement, which provides timely and controlled evidence on the deterioration of the pavement.



- PAV-DT is a much more competitive method to calculating pavement regularity than the traditional method. Our solution converts a whole fleet of construction or maintenance vehicles into immediate inspection instruments.
- The data management platform is a flexible service, adaptable to the specific needs of each client and accessible from anywhere at any time.
- It is an excellent resource-optimisation tool, and instrumental for decision-making on road maintenance.