

3-9. Airport Pavement Inspection System



Category	Area	Pavement Servicing
	Theme	Advanced and high quality of maintenance

Product Summary

- This is the system that allows operators to make reports on inspection, repair, etc. uniformly via a smartphone app.
- This system contributes to considerable cost reduction for operation (e.g., communication and office work operations).

Features

- Abnormalities, status photos, and location information in inspection sites can be reported with a smartphone app alone.
- Recorded data can be checked via personal computers in real time based on cloud management. Moreover, diagnoses and instructions for response actions can be conveyed remotely. Thus, this system reduce communication tasks.
- Accumulation of records of abnormalities allows analysis of data used for planning of preventive maintenance.
- Reports can be automatically output. Thus, this system contributes to reduce office works (e.g., creation of daily and monthly reports).

Applicability

- Runway, taxiways, aprons, overrun areas, roads, parking spaces, etc.

Past Installations

- Japanese Airport: Nanki-Shirahama airport (Oriental Consultants Holdings, Company Limited)
- Others: Local governments

Structural image



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