



## Runway Monitoring Solution

Deliver optimal results with your runway inspection and monitoring projects

### PROCESS DATA FASTER AND WITH GREATER ACCURACY

For years, inspecting and monitoring the state of airport runways have been disruptive and manual processes. With Bentley's runway monitoring solution, firms will be able to leverage data captured by drones and vehicles to photograph and film runways with minimal disruption to airport operations. Using high-resolution photography, defects in the runways can be located, identified and corrected.

### AUTOMATE DATA ANALYSIS

Once the data capture is complete, our solution will automate data analysis to find any defects in airport runways. Any cracks, spalling, or rust that could pose a threat to the integrity of the runways becomes identified and marked, making report building easier than ever.

### MITIGATE HUMAN ERROR

Leveraging artificial intelligence (AI) and machine learning (ML) empowers firms and airports to create their inspection reports faster and more accurately than with manual data capture and analysis. Utilize AI and ML to analyze the data capture and locate, identify, and mark any defects throughout the airport runways.

### KEY BENEFITS

- ◆ Minimal interference in airport operations
- ◆ Faster data collection on runway inspections
- ◆ Reduced costs associated with runway inspections
- ◆ Reduced time spent analyzing data
- ◆ Mitigated human error on data analysis
- ◆ Improved accuracy in defect detection
- ◆ Improved inspection reporting

