

# RoadSiDe: Transforming Road Condition Management through Digital Innovation

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## SUMMARY

The RoadSiDe solution is a ground-breaking approach to road condition assessment and management, leveraging advanced spatial technologies to streamline data collection, analysis, and decision-making. Designed to address the challenges faced by asset managers, contractors, and government agencies, RoadSiDe integrates 3D data capture, automated condition analytics, and predictive insights to improve the efficiency, accuracy, and cost-effectiveness of road maintenance planning. □ □ This presentation will showcase how RoadSiDe combines the latest spatial capabilities such as AI-driven analytics, sensor integration, and geospatial mapping to provide a comprehensive view of road networks. By enabling rapid identification of road defects and optimised maintenance prioritisation, the solution empowers clients to make data-driven decisions, extend asset lifecycles, and minimise operational costs. □ □ We will share lessons learned from implementing RoadSiDe, along with examples of real-world projects where the solution has been successfully deployed. These case studies will highlight practical applications, key challenges addressed, and measurable benefits achieved, including improved safety, optimised resource allocation, and significant cost savings.