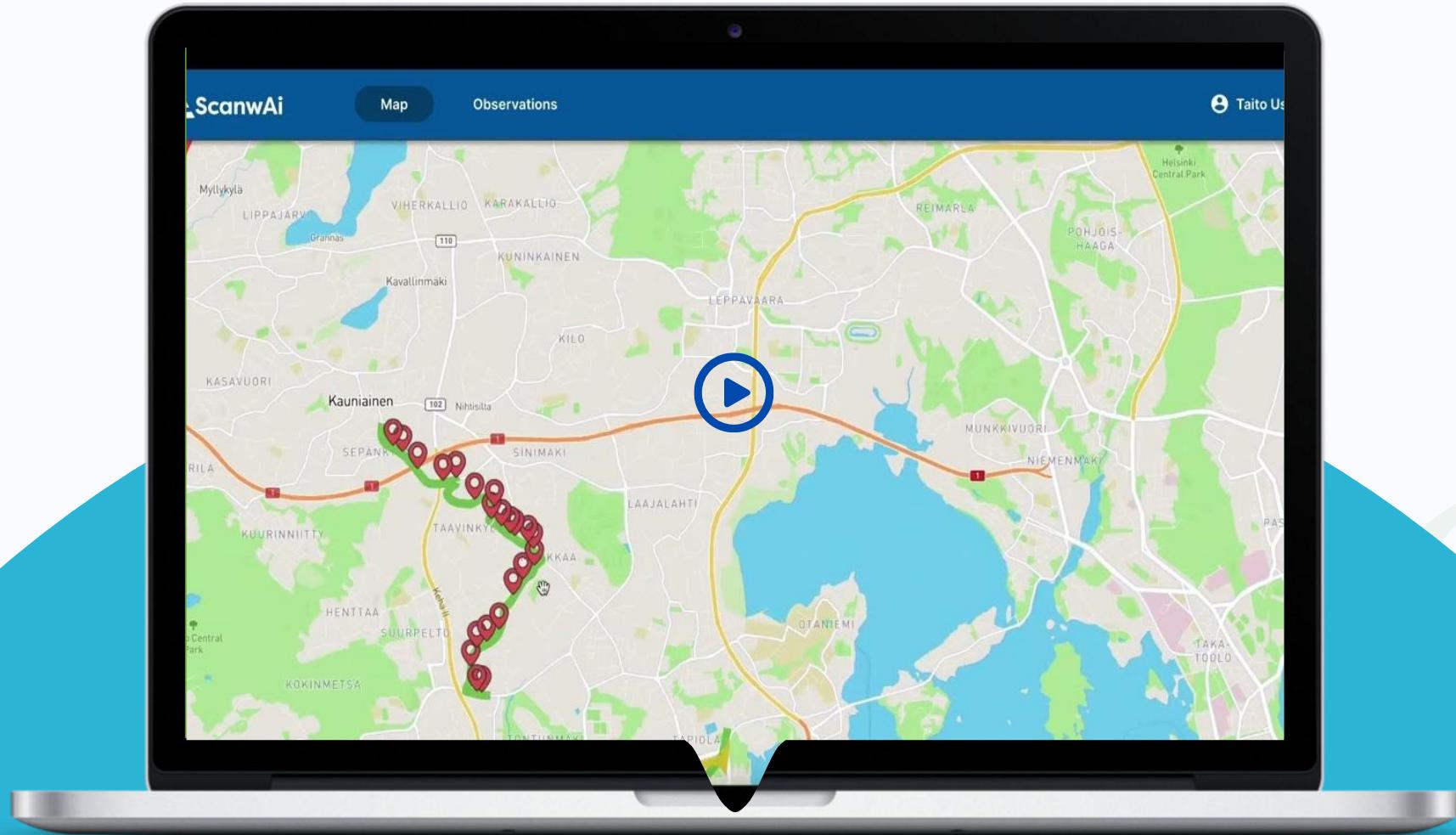




AI-Powered Infrastructure Asset Management

*Building a Safer, Smarter & More
Sustainable Future*

HOW IT WORKS VIDEO LINK



PROBLEM

Traditional infrastructure maintenance practices are no longer effective.

Infrastructure maintenance is often reactive, costly, and inefficient.

A lack of information and manual processes cause unnecessary site visits, safety risks, and delayed repairs.

KEY ISSUES:



Incomplete and delayed data collection



High costs from reactive maintenance



Safety issues due to poor infrastructure condition



Inefficient allocation of resources and maintenance timing



Manual data collection and analysis is time-consuming and error-prone



Low user satisfaction



Quality control in maintenance

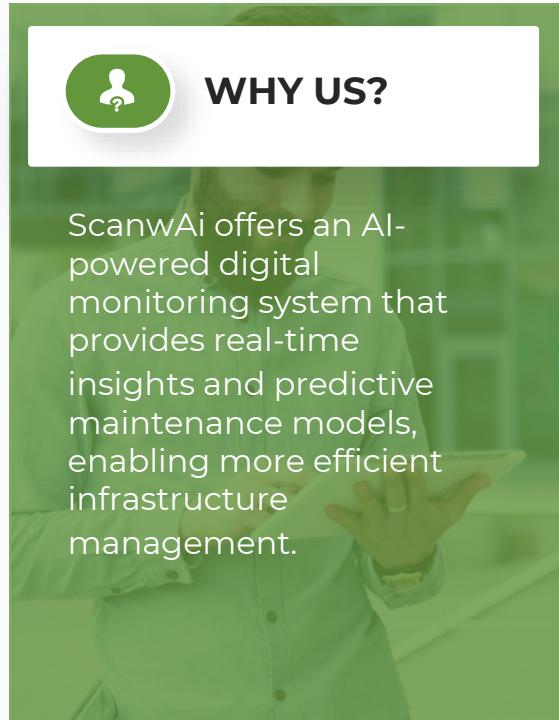


Complex, fragmented processes increase inefficiency



Budget constraints lead to delayed repairs

SOLUTION



SCANWAI'S SOLUTION OFFERS THE FOLLOWING BENEFITS:

- Real-time condition monitoring
- Predictive maintenance modeling
- AI-generated action recommendations
- Compatibility with municipal and governmental systems
- Lower carbon footprint and longer infrastructure lifespan
- Reduced human error through automation
- Enhanced decision-making based on advanced analytics

AI-POWERED INFRASTRUCTURE MAINTENANCE AND QUALITY ASSURANCE

BENEFITS



AI-qualified
Quality Assurance



Easy and quick to
implement, Tech
Ecosystem compatible



Enhanced Safety
and Quality



Simplified
management



Increased Public and
Citizen satisfaction

USE CASES AND BENEFITS

AUTOMATED SURFACE DAMAGE DETECTION

ScanwAi leverages AI to automatically detect road surface issues such as cracks and potholes, enabling faster response and reducing accident risk.

PROLONGED ROAD LIFESPAN

By identifying and addressing damage early, ScanwAi extends the service life of road infrastructure, reducing the need for costly reconstructions.

BIKE LANES

Enhanced Safety for cyclists. ScanwAi applies the same surface monitoring capabilities to bike lanes, ensuring safer and smoother conditions for cyclists.

REAL-TIME INSIGHTS & PREDICTIVE MAINTENANCE

The system delivers real-time condition data and uses predictive analytics to optimize repair schedules, cutting maintenance costs and minimizing disruptions.

EFFICIENT MAINTENANCE PLANNING

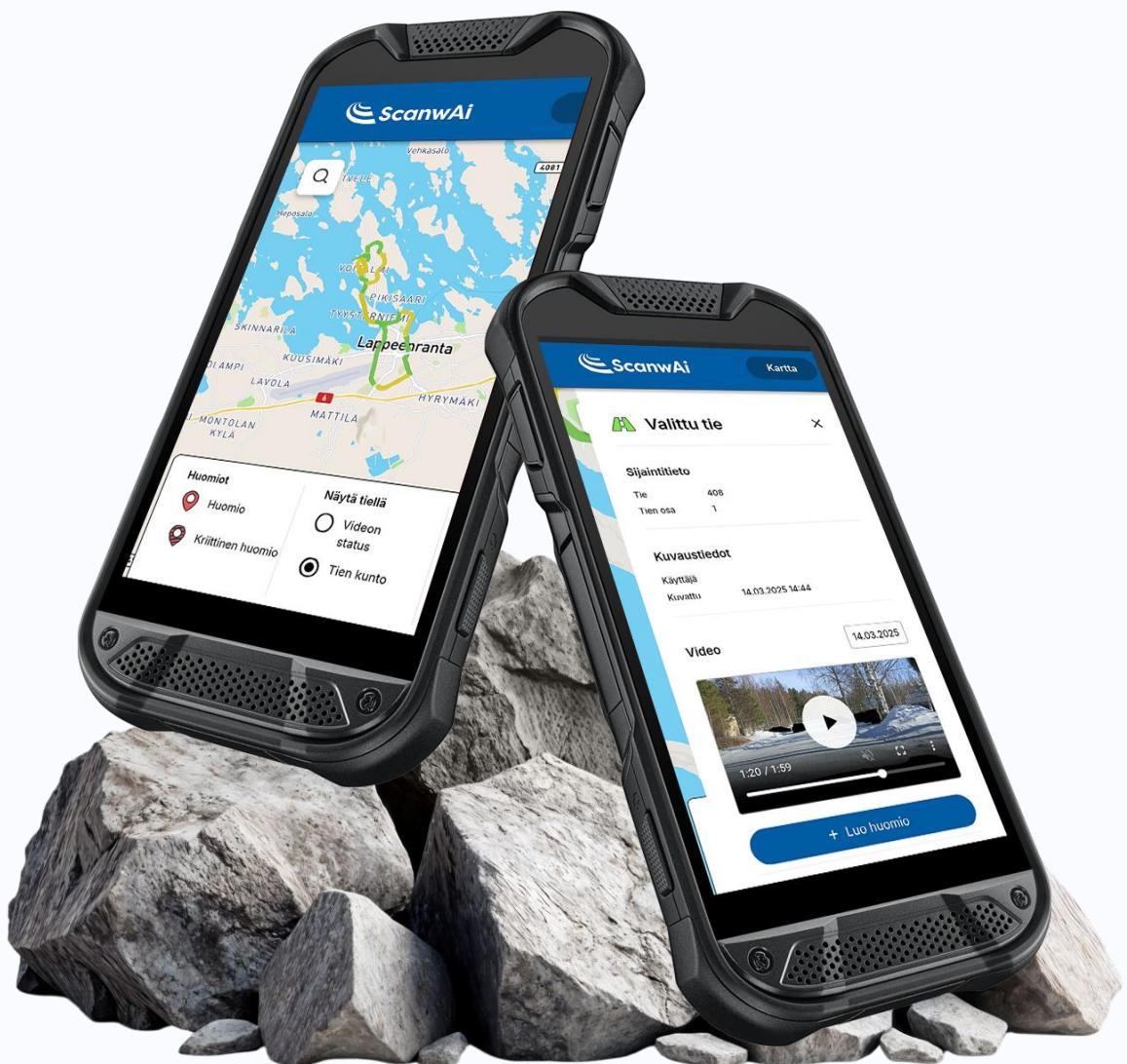
Predictive analytics help prioritize repairs in high-use cycling areas, supporting sustainable and active transportation.

GENERAL INFRASTRUCTURE

Smart Inventory Management ScanwAi tracks and optimizes infrastructure assets like traffic signs, improving system reliability and extending component lifespans.

SUPPORT FOR SUSTAINABILITY GOALS

By reducing unnecessary repairs, conserving materials, and minimizing energy use, ScanwAi helps cities advance their environmental and climate targets.



CONTACT US FOR FURTHER INQUIRIES

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