How Memphis Is Using AI For City Beautification

Results

Teaching computers to see, recognize, and understand like humans

Memphis is using AI to detect potholes and one specific code enforcement violation

More than 800 potholes were approved for action in the past 3 months of detection

More than 100 potholes identified on state maintained roads in Memphis were referred to the Tennessee DOT

Improve citizens' and visitors' experience with safer streets and communities

Overview

City of Memphis

Memphis Pothole and Code Enforcement Project

Memphis collaborated with SpringML and Google Cloud to apply technology to identify road maintenance issues and common code-enforcement violations. Learn how technology is making an impact on overcoming their challenges by:

Enhancing & Increasing the Speed of Detection
✓ Using video intelligence to identify potholes and code-enforcement violations for timely, location-based insights

Leveraging Data for Community Revitalization
✓ Gaining insights through the use of data and real-time dashboards for operational efficiencies and detection to build a safer and more beautiful city for citizens and visitors
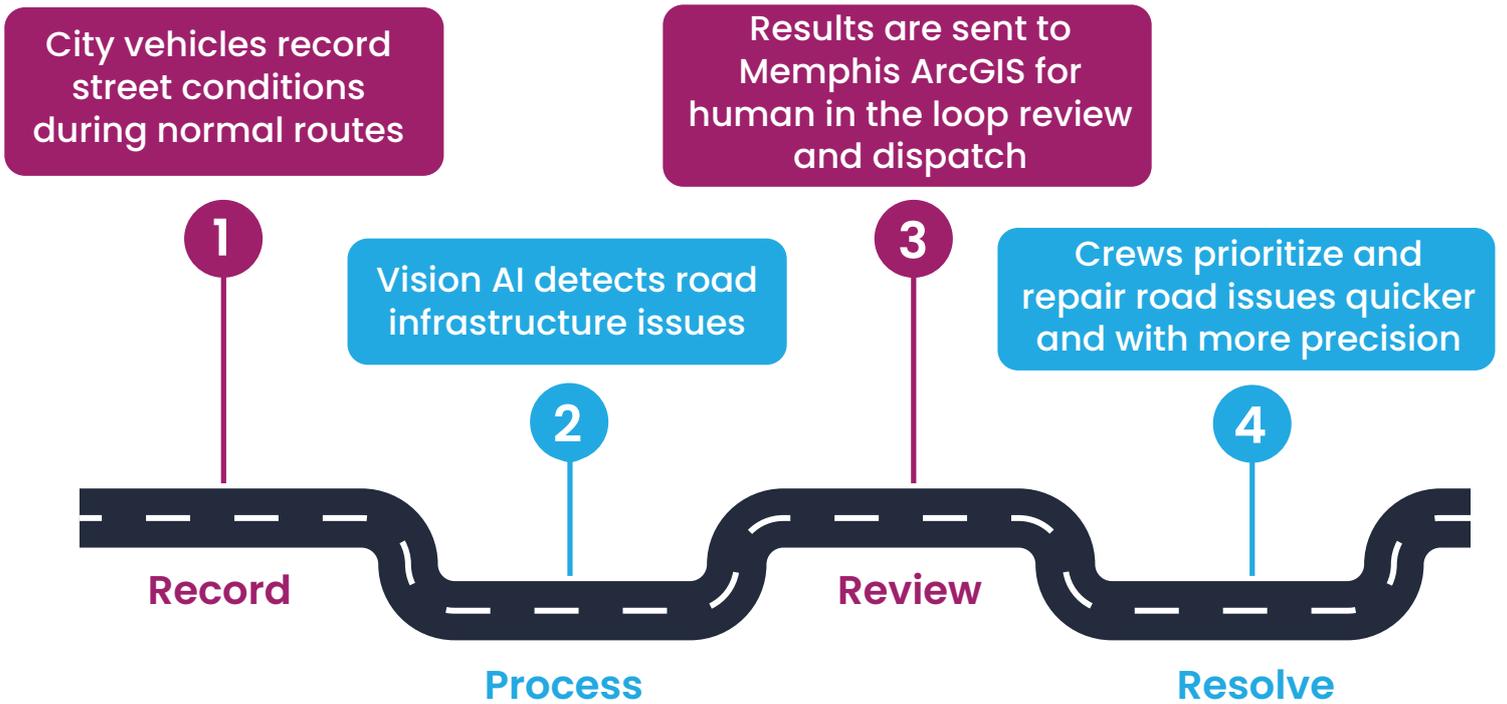
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The City of Memphis has been a proud partner with Google Cloud and SpringML in developing these incredible and ground breaking capabilities. This project will enable Public Works to be a revolutionary leader in efforts to proactively tackle municipal challenges in a more strategic and effective way like never before.

Robert Knecht, Dir of Public Works, City of Memphis

From detection to resolution

City vehicles record street conditions during normal routes

1

Vision AI detects road infrastructure issues

2

Results are sent to Memphis ArcGIS for human in the loop review and dispatch

3

Crews prioritize and repair road issues quicker and with more precision

4

Record

Process

Review

Resolve

Get Started with AI

We are technically brilliant but live for engagement with our customers and their challenges. **Our motto at SpringML is to understand your problem quickly and then design a solution that fits your needs and business outcome**.

We partner through every step of your journey to help get value quickly from your data and accelerate the adoption of AI. You need to only identify your use case and the data source to start your path today!

Ready to start your journey?
Contact us at info@springml.com | 800.346.8260

Find more at
www.springml.com