VALERANN

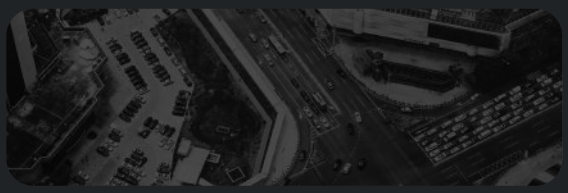
POWERED BY DATA.DRIVEN BY INSIGHT

RAISING THE BAR:

ROAD MANAGEMENT WITH 100% ROAD MONITORING COVERAGE

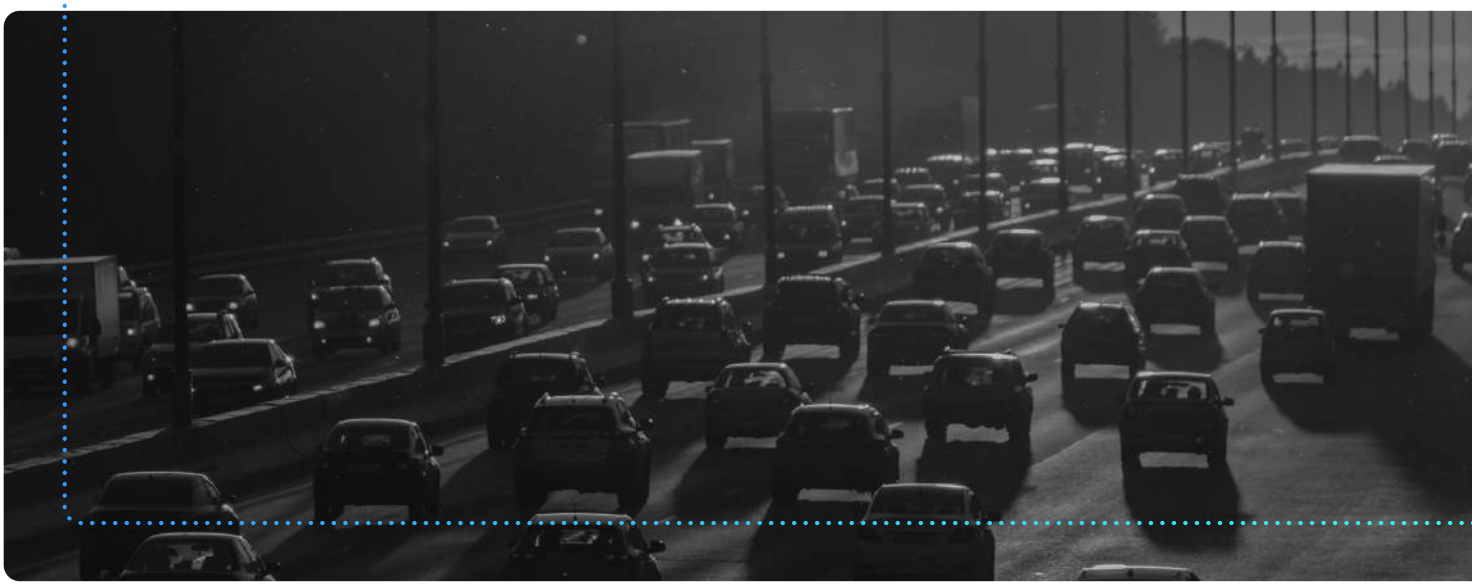
CHALLENGE

It is a priority for road operators to develop capability to monitor an entire road in real time and quickly develop an in-depth understanding of events as they happen.



To solve this challenge, Valerann and Openvia Mobility were commissioned

- to unlock real-time traffic analysis capabilities
- increase overall visibility on the AP-53 roadway in Galicia, Spain



SOLUTION

Valerann integrated **Lanternn by Valerann™ (LbV)** with **Openvia's Geomic product**, a web-based field service and asset management tool that is used to improve the maintenance and management of road operators' assets. Operational data generated from the Geomic platform was seamlessly incorporated into a number of other roadway data sources that Valerann collated.

The primary objective was to use **LbV's** advanced proprietary algorithms based on **Artificial Intelligence (AI)/Machine Learning (ML)** and computer vision to provide operational staff on the AP-53 with greater real-time insights into their roads, allowing them to prioritize events and make decisions faster in complex, mission-critical scenarios.

OUTCOME

THE RESULTS FROM THE GALICIA PILOT HAVE BEEN IMPRESSIVE:

100%
coverage

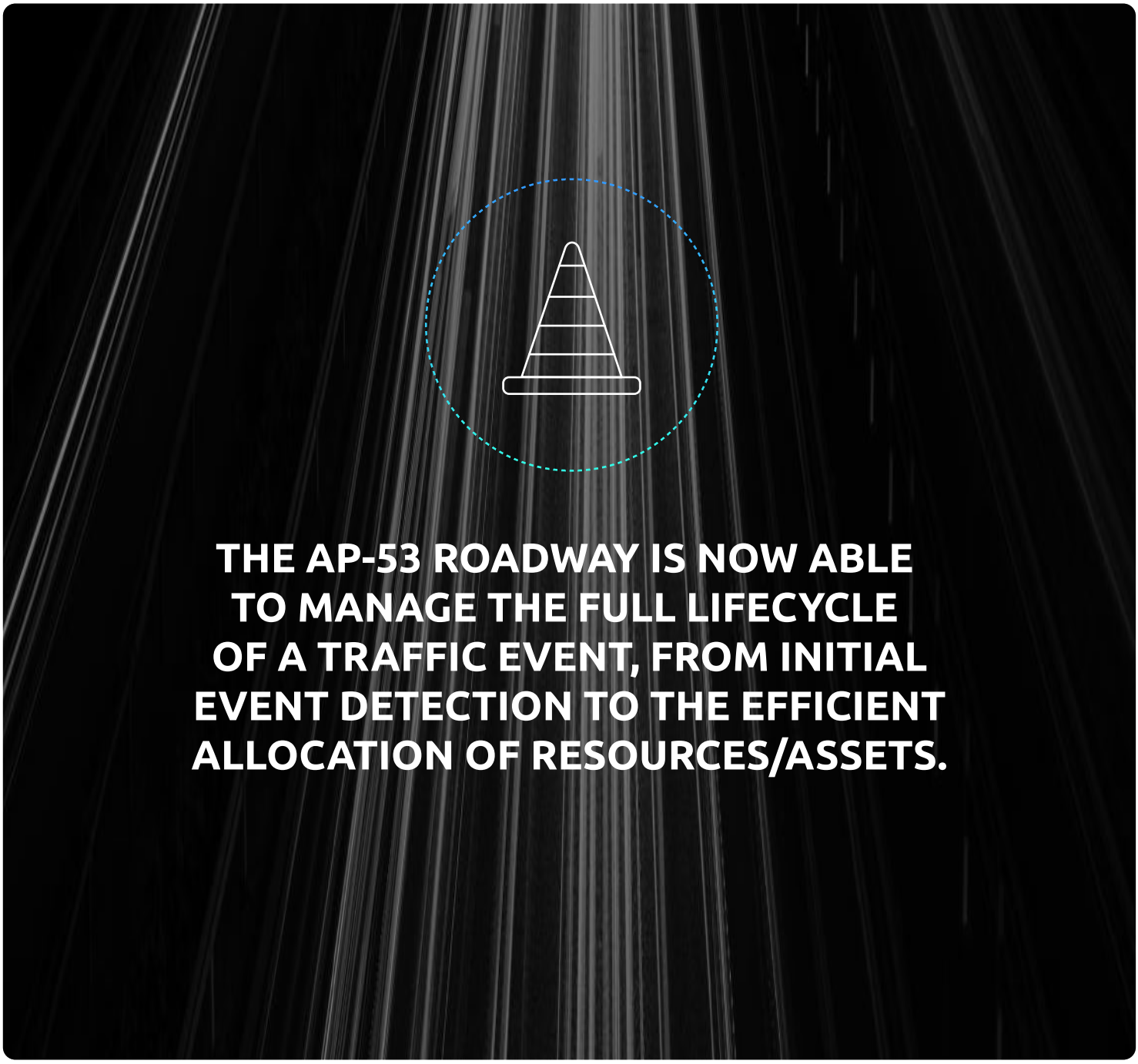
Road monitoring coverage was mextended from 55% to 100%, ensuring comprehensive overview of the entire road

89%

Accuracy in road event detection increased to **89%**

25%

Critical event detection time reduced by **25%**



THE AP-53 ROADWAY IS NOW ABLE TO MANAGE THE FULL LIFECYCLE OF A TRAFFIC EVENT, FROM INITIAL EVENT DETECTION TO THE EFFICIENT ALLOCATION OF RESOURCES/ASSETS.

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