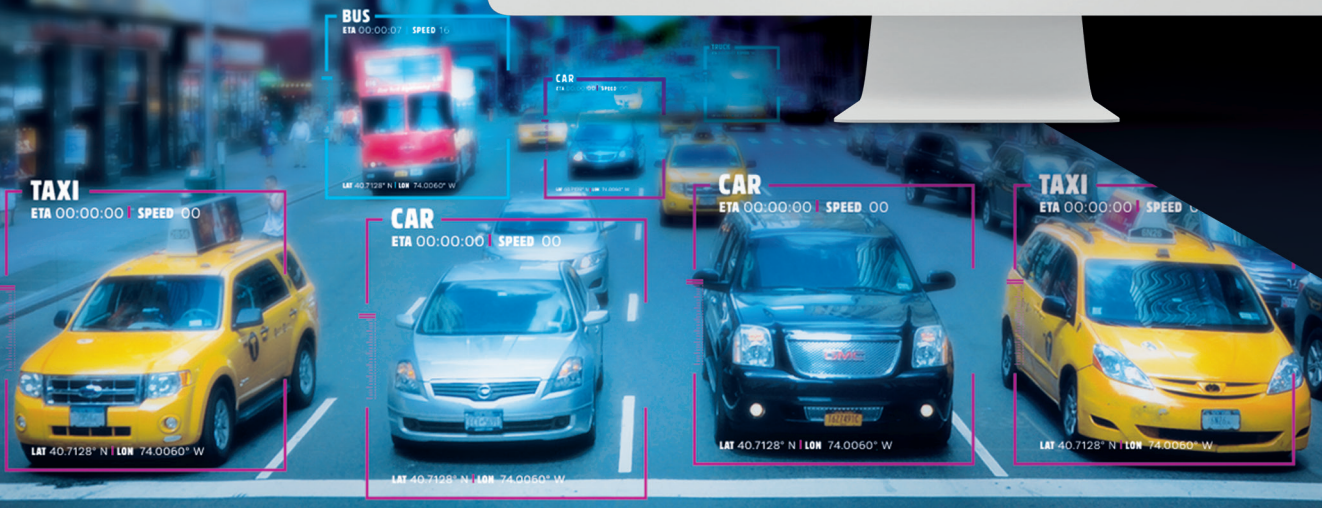
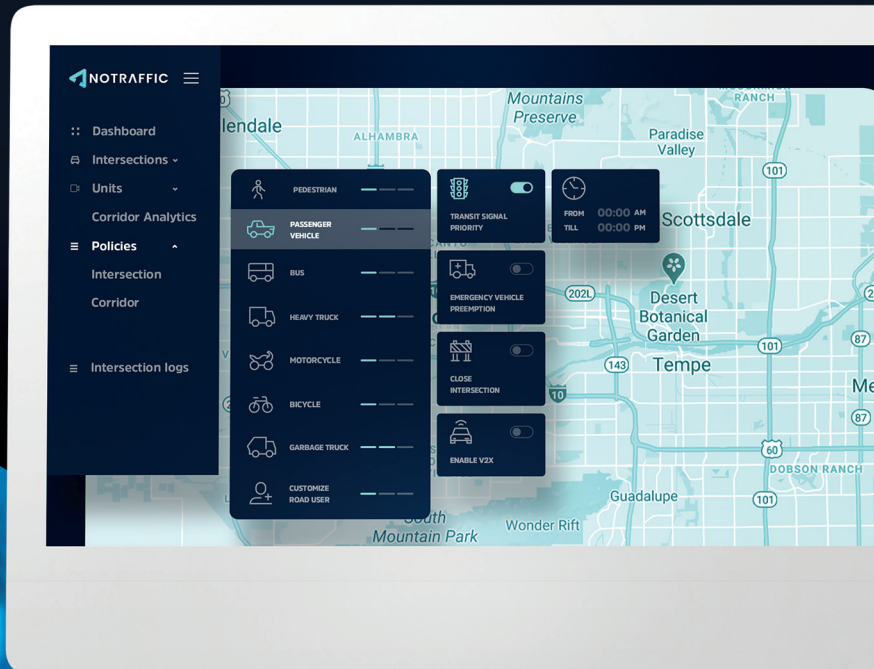


NOTRAFFIC PLATFORM

Detection and Analytics overview



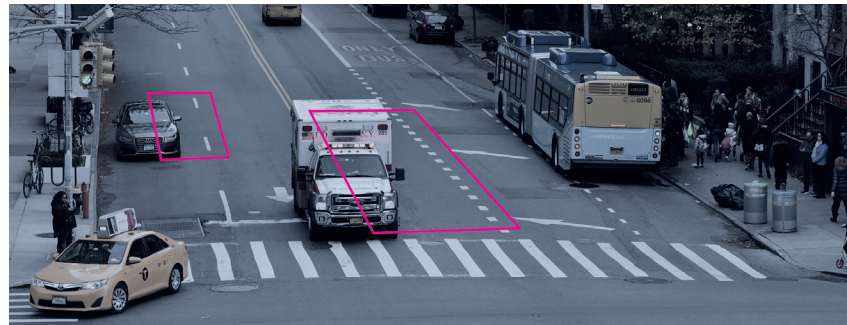
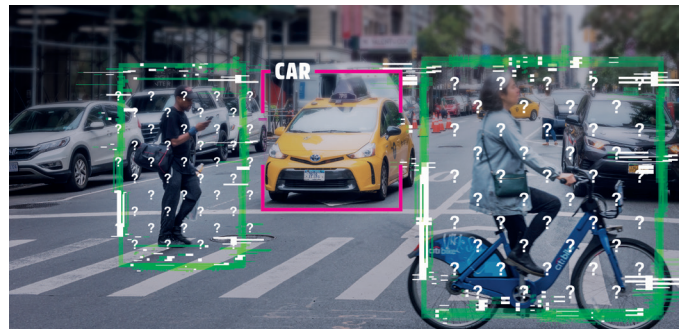
THE PROBLEM

Inherent drawbacks of legacy detection

- ▶ Cannot adapt to environmental challenges: inclement weather, snow, rain, night shadows, reflections, fog, occlusion.
- ▶ Designed for vehicles and can't accommodate current and future challenges - pedestrians, bikes, scooters, EVs
- ▶ Maintenance intensive
If the camera moves slightly – detection zones go out of alignment requiring manual maintenance.

You are not alone. Many agencies experience major impact on traffic operations due to inadequate, legacy detection.

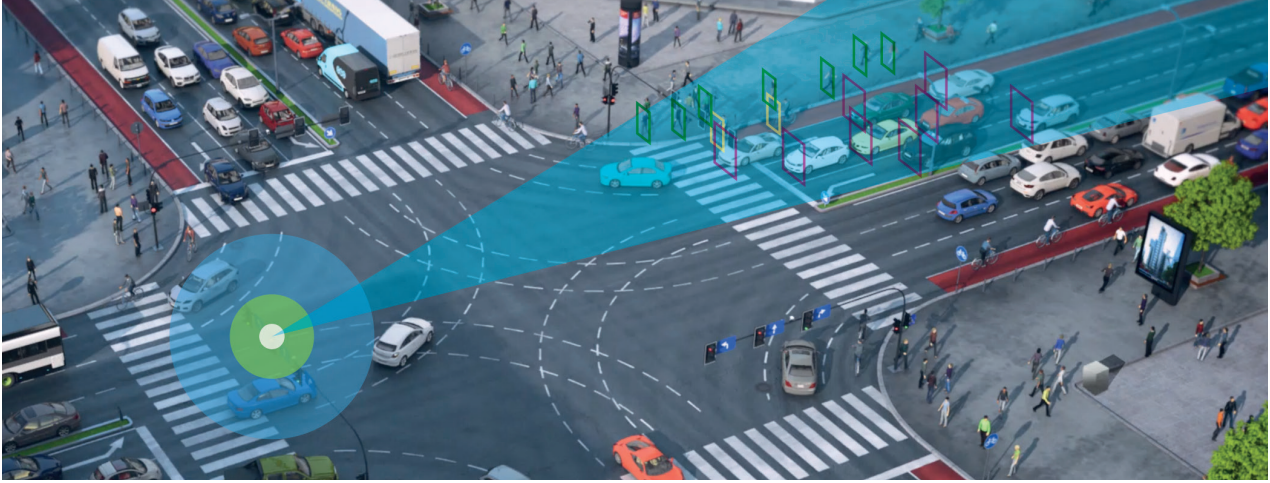
All legacy systems are built on static models designed for specific conditions and cannot possibly adapt to localized detection challenges.



THE SOLUTION

The NoTraffic Approach

NoTraffic's groundbreaking, edge-based artificial intelligence sensors provide unparalleled vehicle detection and roadway user classification accuracy. NoTraffic smart sensors leverage multiple inputs of next generation video and radar, coupled with the most advanced Artificial intelligence edge processors and algorithms never before applied to Traffic Operations.



How we do it

AI SENSOR

Installed for each intersection approach to provide road-user detection and classification. Users are classified at a human-eye level (bikes, pedestrians, trucks, buses, cars, emergency vehicles, etc.) NoTraffic's AI detection sensor fuses machine vision + Radar inputs into AI algorithms eliminating all of the challenges of legacy detection.



NoTraffic's detection app platform includes high-accuracy detection, analytics, communications and monitoring service.



Self-calibrating sensors, eliminate the need to re-align sensors or manually update detection configurations.



AI Detection sensor continuously improves accuracy with active learning mechanisms to eliminate all detection challenges.



In addition to unparalleled detection accuracy, NoTraffic detection provides a suite of analytics that include **highly accurate counts and classifications of all roadway users and traffic movements.**



Unlike any other detection system on the market, **NoTraffic includes 24/7/365 monitoring by our Network Operations Center** insuring the highest level of detection performance and uptime.

24/7/365



MONITORING AND SUPPORT

Once you have installed the NoTraffic system components, additional traffic apps are simply enabled through the **Notraffic Virtual Management Center** dashboard.



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