



acuvate®
... where Acumen drives Innovation

Go Green

**With Acuvate's Smart & Sustainable
Transport Solutions**

Reduce Carbon Footprint and Enhance Traffic Safety With Vehicle Counting and Classification

According to the National Highway Traffic Safety Administration, US traffic deaths hit a 20-year high in 2022. At the same time, vehicles contribute a staggering 29% to the US greenhouse gas emissions.

You are tasked with making informed traffic management decisions that enhance public safety and reduce carbon emissions. Analytics-powered solutions can help you take charge.

Acuvate addresses the severe challenge of seamless, safe, and sustainable traffic infrastructure management with its road transportation solution.

Acuvate's Vehicle Classification, Traffic Monitoring, Payload Detection

2X Improvement in traffic surveillance control

40% better lane & weight payload violation detection

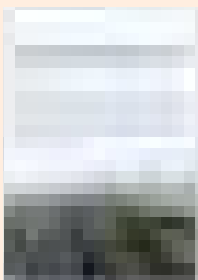
Improved Road infrastructure

Enhanced productivity & efficiency of officials

Built on the scalable technology stack from Microsoft, which converges analytics and BI, vision-based methods, IoT cameras, and ML, the solution addresses traffic and transportation bottlenecks to:

The solution delivers a seamless, easy-to-use platform that :

- Deliver on the city administrations' sustainability agendas and reduce carbon footprint
- Empower them to perform more robust traffic surveillance, identify and penalize rogue vehicles or those that break pollution control and traffic safety measures
- Ease traffic congestion, identify peak times, and increase toll fees by classifying and knowing the count and type of vehicles commuting during a typical day
- Analyze and publicize safe routes to schools, hospitals, and other public transit services
- Help transportation departments deliver public safety with safer pedestrian crossings, additional lighting, reconfiguring separate lanes for walking, riding, and mobility assistance devices
- Assist infrastructure planning teams with data-driven planning for road transport across bridges, roads, highways, and pedestrian footpaths
- Reduce accidents and traffic-related deaths



Read Success story

About Acuvate

With over 16 years of experience in digital solutions, accelerating enterprise-wide digital transformation with our AI accelerators, we provide solutions and services that modernize, automate and support organizations. We leverage all things Microsoft to build & develop smart & sustainable solutions and help our customers transform their conventional processes to match the next-generation technological trend. We have a strong presence in the US, Europe, and Middle East, where we serve multiple Fortune 500 companies. We specialize in New-age AI solutions, Migration & Modernization, and Digital Workplace Solutions

Acuvate is a Microsoft Gold certified partner, Google partner, and has transformed several reputed enterprises globally, including many Fortune 500. With our multi-skilled experts and packaged AI accelerators, we deliver unparalleled efficiencies and accelerate time-to-value for our customers

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