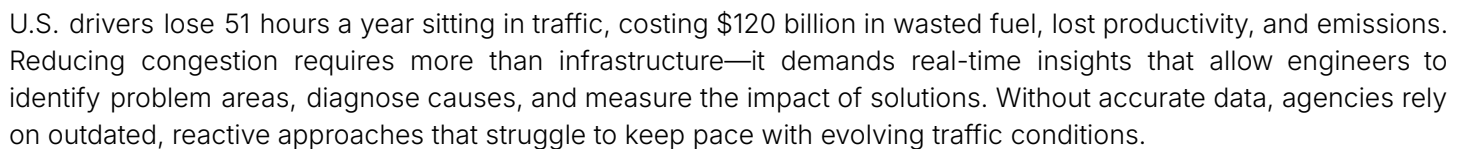


Monitor, optimize, and manage mobility and congestion challenges



Flow Labs' Mobility Management solution delivers high-resolution, real-time traffic insights, empowering engineers to continuously monitor networks, detect congestion as it develops, and respond immediately. By analyzing traffic patterns at any scale—whether across an entire region or a single road segment—agencies can optimize signal timing, minimize delays, and improve overall traffic flow.

By replacing fragmented data sources and manual processes with an advanced, automated solution, Flow Labs shifts traffic management from reactive to proactive. Engineers can confidently assess the effectiveness of policy and infrastructure changes, ensuring every decision is backed by measurable insights. With better data and smarter tools, agencies can reduce congestion, enhance mobility, and create more efficient transportation networks.

Route Analytics

Proactively monitor and measure mobility trends on any routes and arterial corridors.

Origin-Destination Data

Understand traffic patterns and trends at a regional level.

Incident Detection

Receive instant alerts on crash, weather, congestion, and road closure events.

Workzone Analytics

Detect work zones and measure mobility and safety performance in and around them.

High-Penetration Probe Data

Capture real-time data from 20-35% of all vehicles on your roadways.

High Accuracy Data

Use data you can trust with validated accuracy of 94.4%

Use Cases & Applications

Flow Labs provides real-time data and AI-driven insights to help transportation agencies optimize traffic flow, enhance safety, and improve network performance. By leveraging advanced analytics, agencies can detect incidents faster, manage congestion more effectively, and make smarter infrastructure decisions.

Proactive Mobility & Incident Monitoring

Instantly detect and respond to issues with the map-based UI or Incident Livestream. Real-time monitoring and alerts prioritize disruptions, ensuring critical issues are addressed first. Live updates and data-driven insights help engineers minimize delays and improve mobility, keeping roads safer and more efficient.

In-Depth Roadway Performance Analytics

Use historical data to analyze long-term trends and identify recurring traffic patterns. Compare real-time conditions to performance baselines to gain immediate insights and make data-driven decisions that improve traffic flow and network performance.

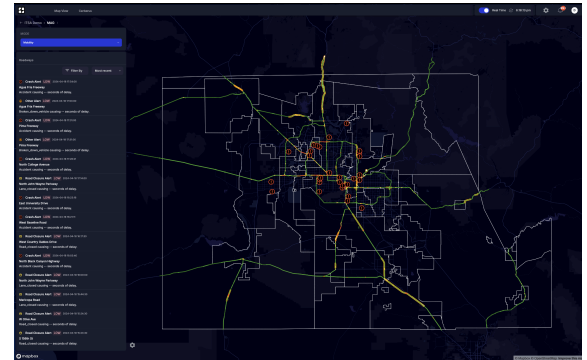
Origin-Destination Analysis

Quickly conduct a region-wide origin-destination analysis in a few clicks and gain a deeper understanding of traffic trends, capacity constraints, and travel demand. Identify key congestion points and assess how different factors impact mobility, enabling more informed and effective traffic management decisions.

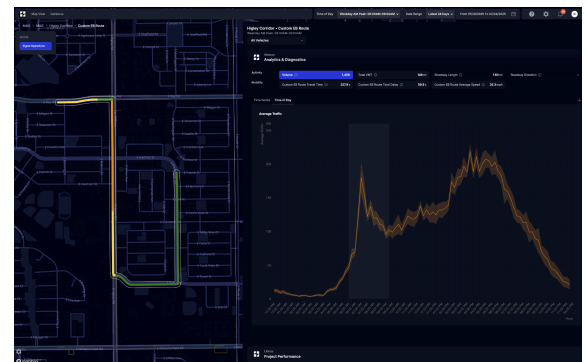
Project Performance Measurement

Use before-and-after reporting to understand project impact. Analyze performance metrics to identify key roadways, track trends, and assess the effectiveness of changes. With clear insights, agencies can refine strategies and maximize future project benefits.

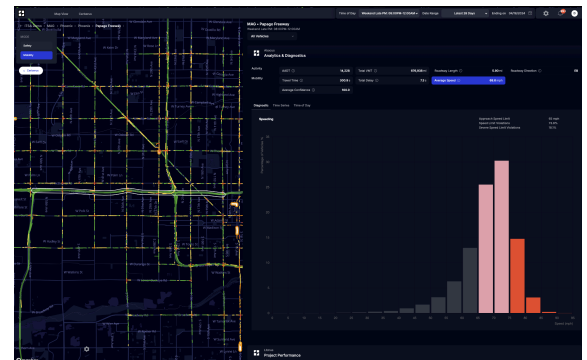
Please contact our team at sales@flowlabs.ai to see a demo of our Mobility Management solution in action.



Regional Real-Time Mobility Analytics View accurate data on any roadway at less than 1-minute latency.



Route Analysis Create custom routes of any complexity and generate rapid analyses.



Speeding Analysis Understand speed distributions and speed limit violations on any road including residential streets.

About Flow Labs

Flow Labs provides affordable, high-performance, data-driven software solutions for transportation agencies. Our AI-powered platform generates the most accurate transportation data available today, empowering traffic professionals to analyze, monitor, and optimize traffic flow across entire cities in seconds. With integrated data at their fingertips, professionals can make informed decisions, implement effective strategies, and improve transportation performance. To learn more, visit flowlabs.ai.