

MAX

SAME WORK. 100X LOWER COST.



Agencies are carrying more critical work every year with the same engineering hours. In many cities, a handful of engineers look after thousands of signals, and every hour goes to reacting to complaints. Before-and-after studies, network-wide prioritization and proactive analysis go to consultants or don't happen at all.

Max takes on that work. Purpose-built for traffic engineering and transportation planning, Max gathers the data, applies the relevant engineering guidance, completes the workflow and writes up the findings, at 100 times lower cost than traditional engineering. Work that used to cost thousands of dollars, now costs tens.

KEY FEATURES

COORDINATED AGENT TEAM

Max coordinates a team of agents, each with its own expertise, tuned for traffic engineering and transportation planning.

FULL PLATFORM CONTROL

Anything a user can do in the Flow platform, Max can do, from charts and custom maps to configuring Insights and Optimus.

ENGINEERING KNOWLEDGE BASE

Built on FHWA and USDOT research, engineering manuals and academic research, plus your agency's own SOPs and policies.

REUSABLE SKILLS

Max learns how your engineers work and saves successful workflows as skills to run again anywhere.

BUILT-IN CONNECTORS

Bring in weather, census, NHTSA crash data and more in seconds, with no software engineering required.

COMPLETE AUDITABILITY

Every output cites its sources, down to the document and page, and shows the data behind it.

USE CASES AND APPLICATIONS

Max works across the full scope of traffic engineering and transportation planning, from a single resident complaint to network-wide programs, so agencies can take on the work they never had the hours for.

Handle Cimplaints Instantly

Once a resident or council member reports a problem, Max traces it from the street name or to the individual signal phase, pulls the relevant data and writes up what it found. Engineers get a documented answer in minutes instead of losing a day to it.

Outcomes You Can Prove

With a couple of prompts, Max produces a complete before-and-after analysis of a corridor in about five minutes. Agencies can show stakeholders, elected officials and the public the impact of every timing change and back funding requests with data.

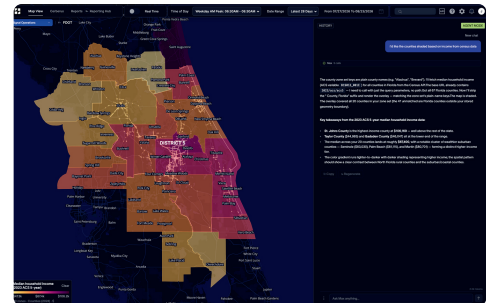
Target Retiming Across the Network

Only a few corridors get retimed each year on a fixed cycle. Max ranks every corridor by need based on how it is actually performing, so the next retiming dollar goes where it does the most good. Optimus then builds the timing plans.

Beat Problems Before They Become Complaints

Over the entire network, Max scans signal operations, safety and mobility data, from speeding hot spots to degrading corridors, so engineers can fix emerging problems before they become complaints.

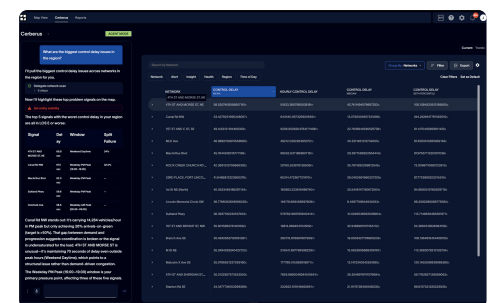
Contact our team at sales@flowlabs.ai to see a demo of Max in action.



CUSTOM MAP-BASED VISUALIZATIONS



RAPID ANALYSIS



PROACTIVE MONITORING

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.