

## Urban Traffic & Mobility AI

### *Solution Brief*

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Governance of autonomous traffic management, signal optimization, and transit routing AI at city and metropolitan scale. Claviger enforces traffic policies with cryptographic verification of every traffic decision.

**Real-Time Signal Optimization:** Traffic signal timing algorithms are constantly generating new timing plans. Claviger verifies each plan against equity constraints (green time distribution across neighborhoods), emergency vehicle routing, and air quality parameters.

**Transit Routing Compliance:** Public transit AI systems must comply with accessibility requirements, equity routing, and cost constraints. Every routing decision is verified before being sent to driver systems.

**Immutable Traffic History:** Every traffic decision is logged with timestamps and cryptographic proof. This creates an immutable record for city planners analyzing traffic patterns and for defending against citizen complaints about signal timing.

