

# Internet Technologies as Traffic Systems

Just as different transportation systems are designed for different journeys — dedicated city bus routes, regional highways, or long-haul freight trains — each internet technology moves data in its own distinct way.

Here's how they compare:

## LEO as city bus routes

Just as a transit agency must tightly schedule and coordinate the city bus system to maintain reliability and frequency, LEO constellations depend on precise timing and orchestration to deliver fast, low-latency connections across the globe.

## MEO as a regional expressway

Mid-range in both speed and coverage, MEO satellites are like regional expressways — not as fast as bullet trains, but they reliably link cities and suburbs with a solid mix of speed, access, and distance.

## GEO as a freight train rail line

GEO satellites operate like a cross-country freight train rail line — built for long hauls, carrying heavy loads of data with dependable consistency over extreme distances. They provide a reliable, steady, predictable connection to even the most remote locations far from any city center.

## Why multi-orbit serves all needs

Think of multipath like a well-designed transit hub that combines buses, trains, bike lanes, and rideshare. It smartly routes you across the fastest or most reliable paths — switching seamlessly depending on traffic, weather, or roadblocks.