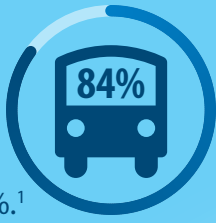


What Can Intelligent Public Transit Do?

1. Increase Ridership

Optimizing service could increase ridership by 84%.¹



2. Increase Revenues

\$8 million is lost every year through fare evasion in NYC alone.²



3. Decrease Congestion

A full bus can take 30 cars off the road.⁴



4. Improve the Economy

Greater transport efficiency would boost GDP by \$119B.³



5. Improve Health

One additional bus line can eliminate 12 new cases of chronic bronchitis annually, due to fewer emissions from removed cars.⁵



6. Optimize Bus Capacity

Public transport commuting population will grow by 40% between now and 2030.⁶



7. Reduce Budgets

A city can potentially save \$36 million a year by optimizing bus schedules.⁷



8. Improve the Environment

Each car removed from the road saves \$200 in emissions costs annually.⁸



Solving public transit supply/demand issues with TCS IUX

Overcrowded buses. Long waits. Missed connections. Empty seats. Public transportation is full of challenges, for both passengers and city transit system operators. Luckily, TCS's IUX (Intelligent Urban Exchange) solution enables city administrators to optimize capacity. With real-time dashboards, capacity utilization reports, KPIs and trend alerts, TCS IUX provides city administrators with real-time, actionable insights to keep their city moving—today and in the future.

Architected for Real Needs

Our cloud-based, plug-and-play modular platform allows you to integrate multiple data sources and intelligent city applications—from transponders to traffic apps. Make the most of real-time dashboards, long-term trend analysis and comprehensive reports. All from your trusted name in technology solutions—TCS.

<http://www.tcs.com/digital-software-solutions/Pages/Intelligent-Urban-Exchange>

1. APDA: The Optimal Supply and Demand for Urban Transit in the United States, 2. NY Daily News: Millions of fare-beaters take MTA for an \$8 million bus ride, 3. Siemens: The Mobility Opportunity, 4. Michigan DOT: Economic and Community Benefits of Local Bus Transit Service, 5. Embarq: Social, Environmental And Economic Impacts Of BRT Systems, 6. Siemens: The Mobility Opportunity, 7. TCS, 8. UC Irvine: From Cars to Buses: Using OCTA Ridership to Analyze the Emission Benefits of Bus Transportation