



MaestrolQ

Operational
Intelligence for
Transit Agencies



THE CONNX APPROACH:

VISIBILITY → INSIGHT → ACTION

MaestrolQ unifies transit systems, infrastructure, and communications into a single, real-time intelligence layer—improving service reliability, safety, and operational performance.



SEE EVERYTHING

Unified visibility across vehicles, infrastructure, and systems



KNOW WHAT MATTERS

AI identifies risks, anomalies, and trends



ACT IN REAL TIME

Automated alerts and workflows enable immediate response



PREDICT WHAT'S NEXT

Anticipate disruptions and prevent service impact

WHAT MAESTROIQ DOES

MaestrolQ connects and unifies existing transit infrastructure—without rip-and-replace—creating a Shared Intelligence Layer across operations.

By correlating data from vehicles, CAD/AVL, fare systems, cameras, communications, and infrastructure, MaestrolQ transforms disconnected signals into **real-time operational awareness and coordinated response**.

The result:

Improved service reliability. Faster response. Safer transit operations.

Transit operations don't need more systems—they need coordination and control.

THE CHALLENGE

Transit systems today operate in silos.

Vehicles, infrastructure, and communications systems generate data—but rarely work together in real time



- 01 Systems operate in silos across operations
- 02 Data is fragmented across systems
- 03 Teams lack real-time visibility
- 04 Incidents are detected late and resolved slowly
- 05 Service disruptions impact riders and revenue



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Core Capabilities



AI-Driven Insights

Detect anomalies, predict disruptions, and surface what matters



Real-Time Data Fusion

Correlates vehicle, network, video, and operational data



Orchestration & Automation

Trigger alerts and coordinate response across systems



Unified Operational Visibility

One real-time view across fleet, infrastructure, and operations



Command Center Enablement

Centralized dashboards for operations and incident management

Deployment Models

MaestrolQ Core (Platform-as-a-Service)

Operate and manage transit systems with full visibility and control



MaestrolQ 360 (Fully Managed Service)

ConnX delivers 24x7 monitoring, response, and lifecycle management



Transit Use Cases



Fleet & Operations

- Monitor vehicle location and performance in real-time
- Improve dispatch and route coordination
- Reduce delays and service disruptions



Infrastructure & Systems

- Monitor signals, stations, and supporting infrastructure
- Correlate system performance with operational events
- Improve uptime across critical systems



Safety & Incident Response

- Detect incidents across vehicles and infrastructure
- Integrate video, alerts, and communications
- Enable faster, coordinated emergency response

Outcomes That Matter

01 Improved schedule adherence and on-time performance

02 Faster detection and resolution of operational issues



03 Real-time visibility across fleet, infrastructure, and operations

04 Support for regulatory compliance and reporting requirements

05 Improved service reliability and rider experience

The ConnX Advantage

- ✓ Unify what others leave siloed
- ✓ Connect, don't replace
- ✓ From visibility to action
- ✓ Built for mission-critical environments



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