Cisco Connected Roadways
Safety – Mobility – Security – Efficiency

With the Internet of Things (IoT), all of your disparate roadway systems can converge onto a single, secure IP network to enable information sharing and common communications. Whether it's on a busy city street or remote highway, our flexible and secure network solutions connect people, processes, data, and things from the roadside infrastructure to traffic signals and centralized traffic control centers.

The Cisco® Connected Roadways architecture and validated designs are built on open standards that lower total cost of ownership, speed deployment and reduce implementation risks. Integrate new applications and solutions while taking advantage of commercially available products and services that help protect your existing investments while improving performance. All with the network security and reliability that you can trust.

- Transit Signal Prioritization (TSP) optimizes the flow of mass transit vehicles citywide
- Automated traffic signal control and management reduces traffic congestion and accidents
- Network management and data analytics
- Vehicle monitoring, metrics and performance for proactive maintenance abd reduced costs
- Dedicated Short Range Communications between vehicles, roadside equipment and infrastructure
- Computer Aided Dispatch and Automated Vehicle Location (CAD/AVL) System
- Network communication for the tolling infrastructure
- Wireless Bulk Data Transfer (WBDT) for on-board systems update
- Integration with 3rd party hardware and software
- Cisco ruggedized high performance industrial routers, switches, access points and cameras for ITS

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