

Ready to connect the DoTs?



Today's transportation challenges:



Motorist safety



Traffic congestion



Wasted fuel and carbon emissions



In 2020, an estimated 38,680 people died in motor vehicle accidents, up +7.2% over 2019
(Source: NHTSA study)



Congestion costs the U.S. \$179 billion each year
(Source: Texas A&M Transportation Institute)



Congestion costs each American 97 hours, or \$1,348, on average per year
(Source: INRIX Inc.)



Wasted time and fuel cost motorists over \$1,000 on average every year
(Source: transportation.gov)



Transportation accounts for 29% of total greenhouse gas emissions in the U.S.
(Source: U.S. Environmental Protection Agency)

In the journey to modern connectivity, customers are in different phases.



In every journey there are potential roadblocks



Legacy networks and devices



Cyber and physical security risks



Multiple access technologies



Lack of real-time access to data

Get moving with Cisco's complete industrial networking portfolio for intelligent transportation systems



Flexible



Rugged



Secure



Scalable

Only Cisco offers a complete industrial networking portfolio to meet your needs.

Pick from a variety of connectivity options for your business needs



Fiber



Cellular



Wireless backhaul

Secure, reliable network to connect a variety of use cases

Video surveillance of traffic intersections



Traffic signal priority and preemption



Remote weather information systems



Electric vehicle charging infrastructure



Traffic signal controller monitoring



Dynamic message signs



Electronic tolling stations



Modern connected roadways and intersections



Help improve safety



Increase operational efficiency



Reduce traffic congestion



Minimize carbon footprint