



Why Cisco for Transportation?

Six reasons Transportation organizations turn to Cisco

Automation and data exchange. On-demand mobility. Evolving regulation compliance. Ongoing infrastructure challenges. Keeping pace in the complex world of transportation and its vast array of unique subenvironments is no easy feat. Transportation is a codependent converging ecosystem, where pivotal decisions affect the overall system. And you need a technology foundation as rugged and unyielding as the terrain you traverse. One that not only performs but also helps you innovate and expand landscapes. Cisco has your back.

1

Breathe new life into your transportation systems.

Learn more:

[See our most recent showcase of digital transformation](#)



Virtually everything we do relies on transportation. We understand the challenges you face. We move the industry forward by bringing you technologies that can be integrated into both existing and new infrastructure to create safer, more efficient, sustainable, accessible, and equitable mobility. Cisco has been happily partnering with transportation organizations for the past decade, spanning all corners of the globe. Our secure networking, collaboration, wireless, and data center technologies have long been a fixture in the transportation multiverse – and our expanded portfolio offers practical, forward-thinking solutions for every mode of transportation.



Everything you do, from roadway safety to trackside maintenance and vehicle operation, depends on a strong, secure network. Your passengers, your employees – and certainly your continued operations – rely on it. That’s why at Cisco, we offer intent-based networking built on the Cisco® Digital Network Architecture. Delivering a network edge that serves as your first line of defense. Opening a wealth of knowledge to granular data insights. Bringing automation that helps you handle the art of more. Giving you mobile experiences for people on the go. Building intuitive programmability designed for functionality and innovation.



2

Trains, planes, and automobiles. They all move fast – and we think your network should, too.

Learn more:

[Connectivity for the IoT world](#)

[Connectivity is in our DNA](#)

3

We understand the “build once, use many times” mentality.

Learn more:

[Check out the CVDs for transportation](#)

[Get a real-world example of our CVDs at work](#)



With constantly changing technology being the new norm, there’s an endless frontier to explore and master. Cisco Validated Designs (CVD) provide the technologies, features, and applications that help you build the foundation for your intelligent transportation system priorities. Our dedication to comprehensive testing gives you the confidence to deploy your own solution. Our CVD solutions are guaranteed to work as specified, minimizing your risk and meeting performance expectations as promised. We give you all the building blocks for system design and configuration that fit your requirements. And because we can all use a helping hand sometimes, 24-hour support is available for your CVD needs.



Attacks on transportation infrastructure can have serious and destabilizing effects. Transportation is intimately connected to the security of our societies, is a critical element of the economy, and is a gathering place for large groups of people, often holding symbolic importance or national pride and serving as the means of delivering people and goods to their destinations. Growing social networks for transportation can expose thousands of endpoints that attackers can potentially use to get inside organizations’ networks. As such, it is imperative that transportation organizations reduce their vulnerability to growing cyber threats and proactively build assurance in the security of new and emerging technologies. Cisco’s deep portfolio offers the industry’s most comprehensive advanced threat protection across the broadest set of attack vectors. We help you build cyber resiliency into your networks, allowing you to stay agile enough to adapt and get creative.



4

For you, cybersecurity is mission-critical. So we build it into everything we make.

Learn more:

[Check out the 2018 Annual Cybersecurity Report](#)

[See our perspective](#)

5

Our metric for success puts people first. Always.

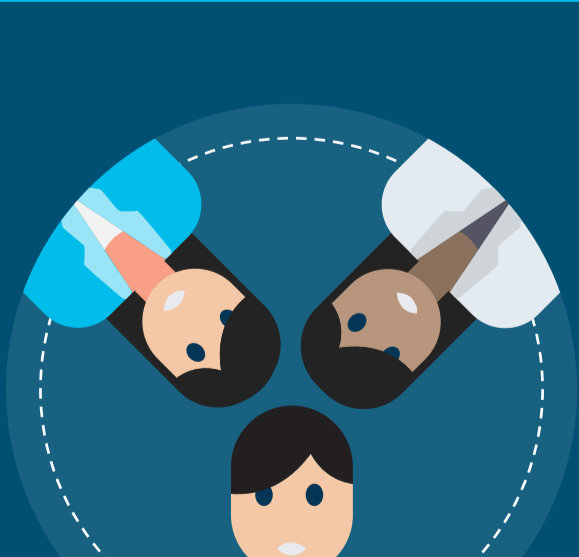
Learn more:

[Watch how data keeps the Austrian Autobahn running smoothly](#)

[Hear from people building the bridge to possible](#)



Intelligent transportation systems are becoming increasingly popular as a foundational piece for connecting people, communities, and nations. And when done correctly, these systems can support technological growth by bringing disparate applications together. But for us, securely connecting intersections means an easier drive to see those Friday night lights and a safer first step off the street curb with children in tow. We see a prime opportunity to get people on the right public transit routes for that on-time arrival to the job interview of a lifetime. And for flawless Wi-Fi during your homecoming train trip so that you don’t miss that critical video call that reveals your shopping list for the evening. Technology is only as powerful as those who wield it. And we want to help you build that bridge to solve, create, move, and inspire.



The pursuit of digital innovation involves a great number of moving parts. Much as they do in an orchestra, the moving parts must work together in harmony to create their masterpiece. We work with a trusted ecosystem of partners that keep us in tune. Partners that contribute unmatched industry expertise. Collaborators that help us build technology solutions that matter for you. We like our friends. And we have a lot of them.



6

We know that we’re stronger and better together.

Learn more:

[See how we collaborate for an end-to-end mass transit solution](#)

[See how we collaborate for Connected Roadways](#)

We are working tirelessly to securely connect the world in motion. Ready to join us? All aboard. Start transforming your transportation organization today – and lay the foundation for the future of mobility.

[Start here](#)