

# Digital Infrastructure for Smart Transportation


Intelligence for smoother operations,  
greater passenger satisfaction, and superior  
situational awareness

shaping tomorrow with you

**FUJITSU**

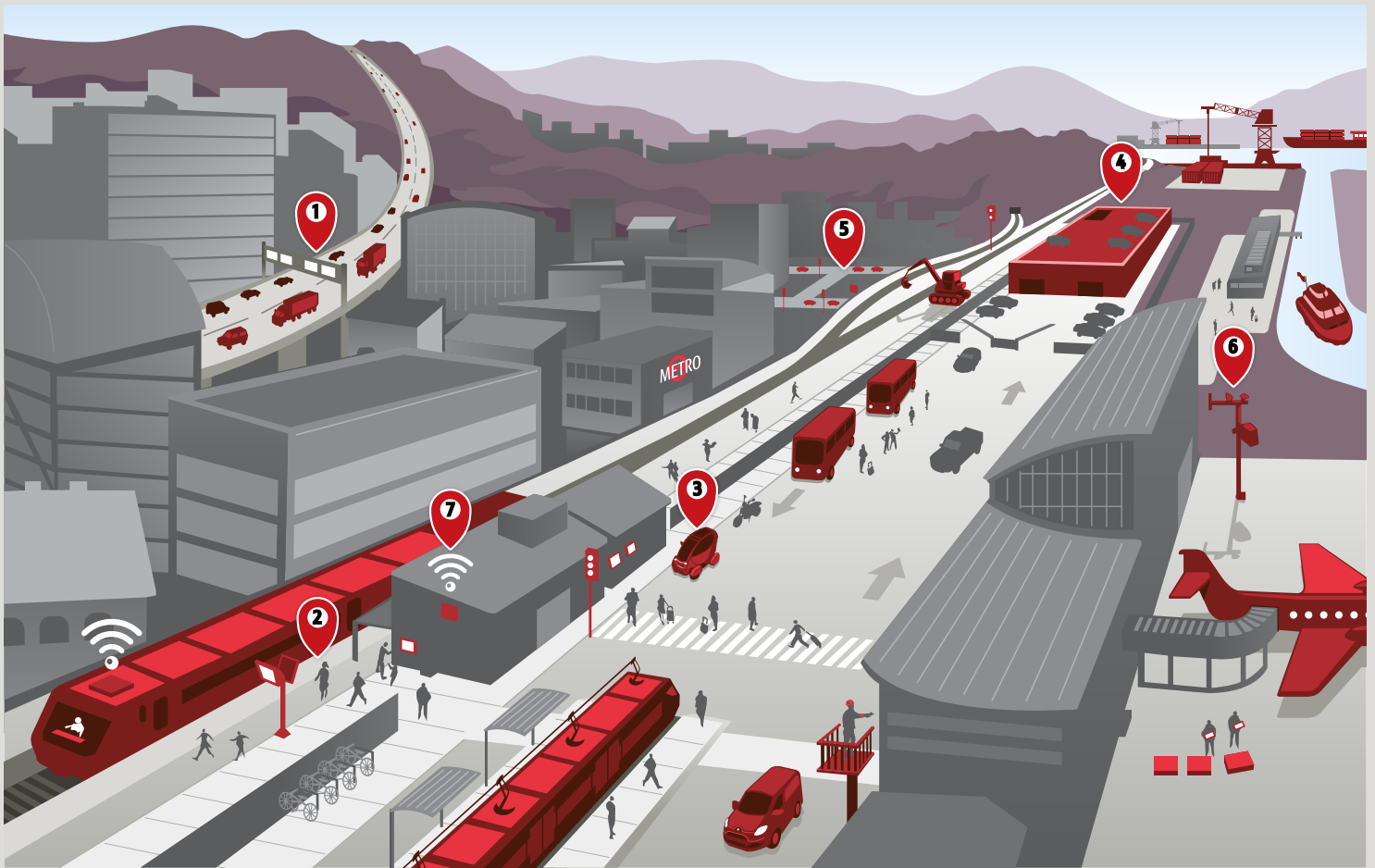
# Intelligent Transportation Applications and the Smart City

Enhancing Operational Efficiency and Passenger Experience



Intelligent, connected digital technologies are transforming the way we travel from place to place whether by land, sea or air. Almost everywhere we go, they not only monitor, inform and communicate; they analyze, manage, and act to aid us on our way.

Fujitsu intelligent communications infrastructures and applications provide the basis for these data-driven, human-centric transportation technology applications.



Transportation is an essential function: a critical connected ecosystem within a smart city. Fujitsu can provide the end-to-end network integration expertise needed to build a solid digital infrastructure supporting technology-enhanced operation and management. Applications like these boost security, passenger experience, ease of travel, and on-board communications.

- 1 Dynamic Signage and CCTV**  
 These solutions enable traffic controllers and public safety agencies to remain in constant contact with each other and communicate real-time information to the public.
- 2 Shared Operational Communications Infrastructure**  
 Integrated management of operational systems allows multisystem interaction, data analysis, and communication among operations personnel and to the public.
- 3 Intelligent Parking**  
 Cities can improve traffic flow and increase revenues with intelligent parking applications that communicate the location and number of parking slots available and offer mobile payments.
- 4 Smart Port Access and Guidance**  
 By improving traffic flow in and out of controlled-access areas, on-board digital transponders promote efficiencies in loading and unloading, which reduces turnaround times.
- 5 Traffic Flow Management**  
 Video and data analysis allows traffic operators and local authorities to continuously monitor traffic and immediately pinpoint congestion, accidents or violations.
- 6 Noise and Emissions Monitoring**  
 Digital monitoring enables analysis and reduction of noise, as well as helping to control environmental pollution.
- 7 Wi-Fi Services**  
 High-speed wireless network solutions combine reliable mobile data communications with a seamless on-board or downtown Wi-Fi, for greater passenger and visitor satisfaction.

# Strategic Partnerships to Reshape Transportation

We'll work with you to build a stable, intelligent network for the digital transportation landscape.

Digital transformation is the catalyst for a fundamental reshaping of transportation by, enhancing operational efficiency and passenger experience. As your innovation partner, Fujitsu is ready to connect and empower multimodal transportation users, information, and infrastructure.

Fujitsu fundamentally believes in co-creation, and we've teamed up with our business partners to assist customers making the digital transformation journey. Connectivity is at the heart of successful intelligent, customer-centric outcomes. Our applications, communications infrastructures, cloud services, and system integration services have helped transportation customers around the world to:

- Enhance passenger experience
- Strengthen passenger and data security
- Increase real-time situational awareness
- Drive operational and network efficiencies
- Reduce operating costs



Source: Fujitsu Limited, Fit for Digital—Co-Creation in the Age of Disruption, 2016, p. 14.

## Put Co-Creation to Work for You

Connected transportation is one of many disruptive technologies transforming every area of our lives. The art and innovation of digital is impossible without a communications network equal to its demands. This network is your first step in preparing to deploy these technologies and make every aspect of getting people and goods from A to B smoother, faster and safer. But excellent communications networks only happen with the right expertise. Fujitsu partners with transportation industries as a strategic provider of custom full-service digital integration and service delivery solutions.

## Fujitsu offers custom full-service digital integration and service delivery solutions

Call us at **(888)362-7763** to learn more or book an appointment.



Design and planning



Deployment services



Contract manufacturing



Supply chain services



Business and revenue consultancy



Operations and maintenance



Vendor-agnostic integration



Cybersecurity



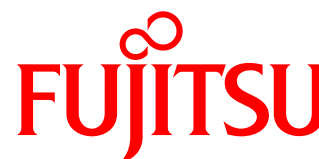
Data analytics



Cloud infrastructure

Fujitsu Network Communications, Inc.  
2801 Telecom Parkway,  
Richardson, TX 75082  
Phone: 888.362.7763

© Copyright 2017 Fujitsu Network Communications, Inc. FUJITSU (and design)® and "shaping tomorrow with you" are trademarks of Fujitsu Limited in the United States and other countries. All Rights Reserved. All other trademarks are the property of their respective owners.



[us.fujitsu.com/telecom](http://us.fujitsu.com/telecom)