



Connectivity Solutions for Public Transit

Secure, Multi-Function Connectivity for Buses, Trains and Subways

For riders and transit authorities alike, vehicle connectivity is quickly emerging as a “must-have” in public transit. Today’s buses, commuter trains and subways have become rolling technology centers with growing collections of intelligent subsystems to manage key functions like fare collection, navigation, engine monitoring and more. In addition, wireless connectivity provides Wi-Fi access for riders and enhances passenger safety and convenience with capabilities such as digital signage and real-time video monitoring.

All of these functions and services can be supported cost effectively with Digi wireless solutions for public transit. From [Digi Remote Manager](#)[®], the command center of your wireless network, to our high-performance cellular routers, specifically designed for complex transit and transportation systems, Digi offers the essential connectivity needed for the new generation of transit systems.

- **PASSENGER WI-FI**

Enable riders to access the Internet from their mobile devices with secure, high-speed Wi-Fi.

- **UPDATE SCHEDULES AND DESTINATIONS**

Dispatchers can remotely update schedule and destination signage to keep riders and waiting passengers informed about times and destinations.

- **FARE COLLECTION**

Remotely connect to fare collection systems and support flexible payment options.

- **REAL-TIME ADVERTISING UPDATES**

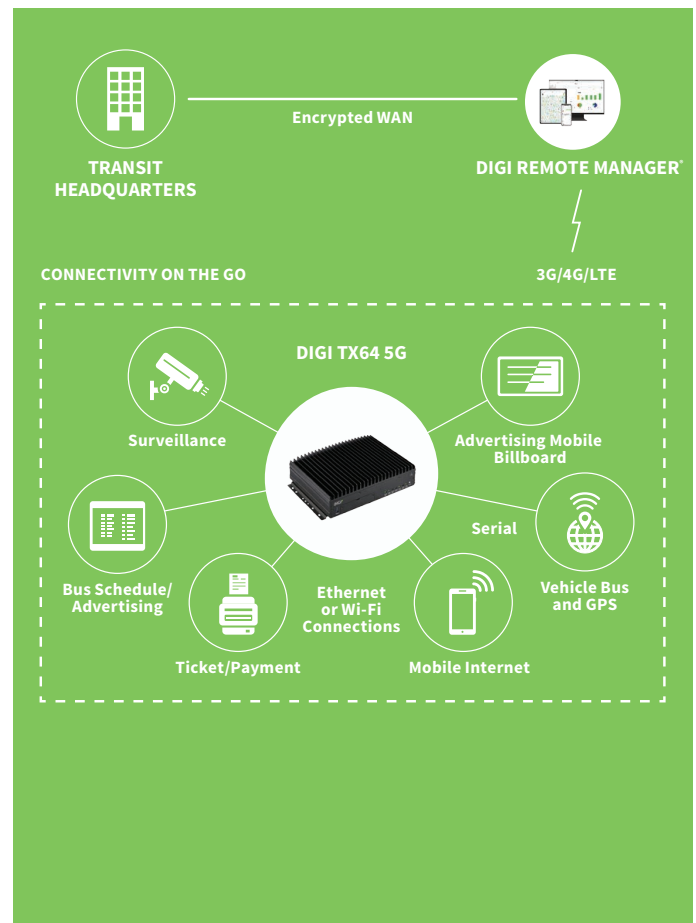
Update electronic signage remotely to highlight events and attractions along transit routes.

- **NAVIGATION/LOCATION**

Provide dispatchers with current location status to reduce bottlenecks and ensure smoother transit performance.

- **SAFETY AND SECURITY**

Enable transit security officers to monitor vehicles and stations in real time via wireless cameras.



For more information, visit:

www.digi.com

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Mobile Connectivity Solutions Purpose-Built for Transit



Digi Remote Manager

At the heart of Digi public transit solutions is [Digi Remote Manager](#), the technology platform that provides secure remote management for a range of mission-critical functions. Digi Remote Manager helps transit IT teams speed deployments, execute mass configuration and firmware updates, and perform system-wide monitoring with dashboards, alarms and performance metrics, and is accessible from a tablet, laptop or mobile device. Digi Remote Manager lets you:

- Instantly check the status of an entire network of devices from a single dashboard
- Customize alerts to confirm that devices are maintaining connectivity
- Measure and report on metrics such as cellular and Wi-Fi connection strength
- Identify potential service issues before they become serious problems
- Automatically remediate any configuration detected as out of compliance

Digi TX64 5G and 5G Rail

Digi TX64 5G cellular solutions are software-enabled to drive an emerging class of applications that improve transit and railway operations. Fully managed with Digi Remote Manager from a transit agency or the field, Digi TX64 5G routers provide connectivity and data insights wherever your fleet may go.

These systems are built for the challenging environments where transit and railway vehicles operate, with a -30° C to 70° C operating temperature range and a heavy-duty industrial enclosure. Along with high-speed 5G connectivity, 4G LTE fallback and integrated [TrustFence®](#) security and VPN, Digi TX64 5G solutions offer a flexible interface design with integrated Wi-Fi access, USB, serial and 4-port Ethernet switch.

For the most accurate location information, Digi TX 64 5G and 5G Rail offer untethered dead reckoning (UDR). Additionally, they are compatible with all public safety networks, including [FirstNet®](#), Verizon Frontline and T-Mobile Connecting Heroes, providing priority, pre-emptive communications in the event of large-scale public emergencies.

Digi TX54

Digi TX54 is an LTE-Advanced cellular solution purpose built for a range of transportation applications, from smart city use cases like traffic management to onboard vehicle communications on transit buses. These solutions are integrated with sophisticated [TrustFence®](#) security and can be monitored and accessed remotely via Digi Remote Manager for system-wide visibility and troubleshooting of your deployed devices.

Built for a long service life, with industrial components, a hardened enclosure and extended temperature range, Digi TX54 also delivers major advances in performance, security and reliability for mission-critical communications.

Digi TX54 is available with dual Wi-Fi radios to segment passenger Wi-Fi from fare collection, data, video and other applications, and offers models with both single and dual LTE-Advanced or LTE-Advanced Pro cellular modules. This solution is also compatible with [FirstNet®](#), Verizon Frontline and T-Mobile Connecting Heroes first responder networks.

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Digi Solutions Support Your Public Transit Goals

- Increase ridership by offering passenger amenities such as mobile Internet service
- Keep your buses, trains and subway cars operating reliably by monitoring engine parameters and diagnosing mechanical issues before they disrupt your schedule and ridership
- Implement reliable, PCI-compliant data backhaul for your Open Payment Systems
- Increase passenger safety by monitoring security cameras in real time
- Seamlessly integrate data into transit applications such as computer-aided dispatch and automatic vehicle location



For more information on how Digi solutions can bring smart connectivity to your fleet of transit vehicles, visit our [Public Transit web page](#).

Connect with Digi

Seeking next-generation solutions and support?

Here are some next steps:

- [Contact us](#) to talk to a Digi expert.
- [Sign up for our newsletter](#) to learn about emerging trends and new solutions.
- [Shop for solutions](#) from Digi and our partners.

For more information, visit:

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