DIGI
TRANSPORTATION SOLUTIONS

Since you can't trail miles of Ethernet cable behind every train and truck, wireless connectivity is essential for operating transportation fleets.

Digi M2M devices and cloud services provide the critical infrastructure that helps you manage and monitor widespread transport systems. Keep passengers and freight moving on schedule with efficiency and safety.

KEEP MOVING SAFELY

Reliable and secure Digi IoT connectivity supports positive train control, wayside and engine communications, and infrastructure fault monitoring.

OPTIMIZE THE ROUTE

Track every move your fleet makes through Digi Fleet Management solutions that monitor vehicle location, performance, fuel efficiency, even driver behavior.

CONNECT PASSENGERS

Drive digital signage, entertainment, and Wi-Fi hot spots for passengers to enhance their travel experience—and your transit agency's brand.

MAINTAIN AVAILABILITY

Digi Wireless Vehicle Adapters are an easy way to plug trucks and buses into your wireless networks, and gather data for predictive maintenance.

INDUSTRIES

FLEET

HEAVY MACHINERY

PUBLIC TRANSIT

RAIL

For more information, contact your Digi Sales Representative

DIGI

HEAVY MACHINERY

Digi's connectivity solutions meet the demanding quality requirements found in the heavy equipment, agriculture, construction and mining industries. Our mission critical IoT solutions provide heavy machinery operators with complete global wireless coverage. Increase productivity through real-time management with sensors and data across all of your assets wherever they are.

GAIN REAL-TIME DIAGNOSTICS

Maximize uptime and minimize the overall lifecycle cost of high-value assets through real-time collection and monitoring of equipment data.
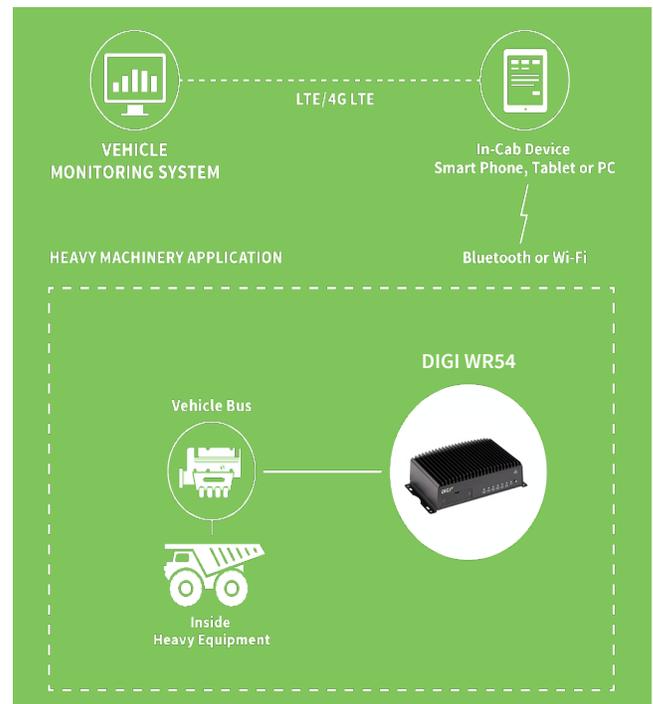
OPTIMIZE SAFETY & SECURITY

Monitor asset location and utilization worldwide.

LOWER OPERATIONAL COSTS

Increase your telematics penetration through a low-cost solution that installs in minutes.

ACCELERATE TIME TO MARKET

Bring new solutions to market faster at low cost, increasing market penetration.

LTE/4G LTE

VEHICLE MONITORING SYSTEM

In-Cab Device
Smart Phone, Tablet or PC

HEAVY MACHINERY APPLICATION

Bluetooth or Wi-Fi

DIGI WR54

Vehicle Bus

Inside Heavy Equipment

INNOVATIVE CONNECTIVITY SYSTEMS USING VEHICLE BUS STANDARDS AND SENSORS

Digi WR64 Router
High performance cellular router with dual redundant communications for complex transit and transportation systems

Digi WR54
Rugged and secure cellular router with dual redundant communications for mission critical industrial and transportation applications

Digi Remote Manager®
Comprehensive IoT Device Management Application for Secure Asset Monitoring and Control
30-Day Free Trial: https://myaccount.digi.com/

For more Transportation Solutions, visit www.digi.com.

PUBLIC TRANSIT

Smart cities and transit agencies are deploying mission critical IoT across a diverse range of multi-model transport applications. Facilitating communication between traffic management systems and public transport vehicles is an obvious example but there is opportunity for enhanced "connected" services such as Wi-Fi for passengers. Digi is instrumental in enabling this communication.

ENHANCED RIDER EXPERIENCE

Wi-Fi hotspots serve passengers with content filtered internet access for laptops and tablets. A click-through splash page can be configured to build the transit agency's brand and ensure acknowledgment of terms of use.
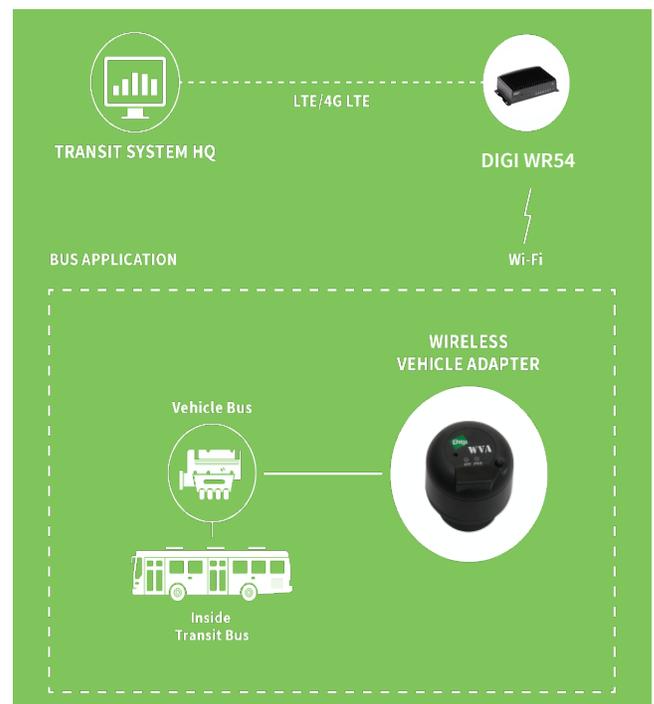
GAIN REAL-TIME DIAGNOSTICS

Ethernet ports provide a priority datalink for onboard computers, displays and sensors. Vehicle interfaces to connect to legacy serial devices.

OPTIMIZE SAFETY AND SECURITY

Optimize safety and security by monitoring asset location and utilization worldwide.

LOWER OPERATIONAL COSTS

Increase your telematics penetration through a low-cost solution that installs in minutes.

TRANSIT SYSTEM HQ — LTE/4G LTE — DIGI WR54

BUS APPLICATION — Wi-Fi

WIRELESS VEHICLE ADAPTER

Vehicle Bus

Inside Transit Bus

WIRELESS PASSENGER EXPERIENCE IMPROVEMENT AND INTELLIGENT ROUTE MONITORING SOLUTIONS

Digi Wireless Vehicle Bus Adapter
Wireless adapter installs in minutes without cab-cluttering cables to give Transportation Solution Providers access to vehicle bus data

Digi WR64 Router
High performance cellular router with dual redundant communications for complex transit and transportation systems

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FLEET

Digi's Fleet Management solutions are now being used to maintain a seamless overview of the physical location and status of vehicles and assets throughout the supply chain whose whereabouts are time-critical, and whose unavailability could affect revenue or customer satisfaction. For the fleet manager, Digi's solutions delivers faster response times through centralized management, reduction in operational costs due to improved control and higher revenues through higher efficiency. Driver behavior can also be monitored to encourage safer and more efficient driving and reduce insurance premiums.

GAIN REAL-TIME DIAGNOSTICS

Fleet vehicles can be equipped with GPS devices to log routes and time spent at various locations. Vehicle mileage and other aging measurements can also be logged then transmitted wirelessly to the fleet manager's computer.
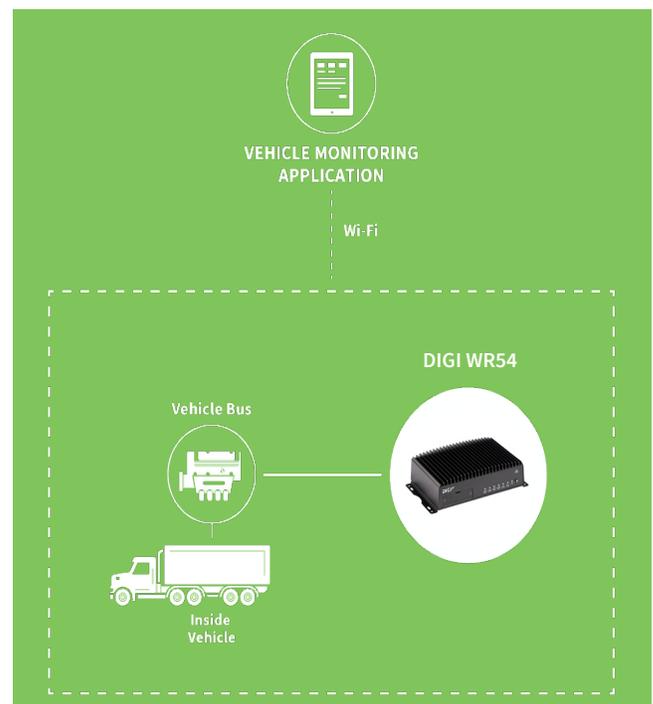
OPTIMIZE SAFETY & SECURITY

Monitor asset location and utilization worldwide.

LOWER OPERATIONAL COSTS

Increase your telematics penetration through a low-cost solution that installs in minutes.

AUTOMATICALLY TRANSMIT VEHICLE DATA AND INVENTORIES

Vehicles can automatically transmit the day's logged information when entering the fleet yard. Alternatively, the same information can be gathered up-to-the-minute from out in the field when a city deploys a wireless municipal private network.

VEHICLE MONITORING APPLICATION

Wi-Fi

DIGI WR54

Vehicle Bus

Inside Vehicle

EASY-TO-DEPLOY VEHICLE DIAGNOSTIC, ELECTRONIC ON-BOARD RECORDER COMPLIANT SYSTEMS

Digi Cellular Routers - The cornerstone of mission-critical applications

Digi WR54
Rugged and secure cellular router with dual redundant communications.

Digi WR64
High performance cellular router with dual redundant communications for complex transit and transportation systems.

Digi WR44-RR
Rugged, all-in-one cellular router with 3G/4G GPS. Designed for use on-board rail vehicles.

Digi Remote Manager®
Comprehensive IoT Device Management Application for Secure Asset Monitoring and Control
30-Day Free Trial: https://myaccount.digi.com/

For more Transportation Solutions, visit www.digi.com.

THE INDUSTRY CHOICE FOR PTC CONNECTIVITY

Digi's smart railways solutions can communicate real-time data on a host of different asset-monitoring functions, from wagon tracking for rail freight customers to air-conditioning performance on passenger trains. The technology can monitor infrastructure, allowing faults to be identified and dealt with before they disrupt operations.

SECURITY & RELIABILITY
Rail systems require high levels of security and reliability, making it necessary to automate accurate, real-time communications between train driver, track and railway control centers.

ENHANCED RIDER EXPERIENCE
Rail transit has become a viable alternative to air travel and personal vehicles in some markets, but operators must provide more amenities to attract passengers. Wi-Fi hotspot to serve passengers with content filtered internet access for laptops and tablets.
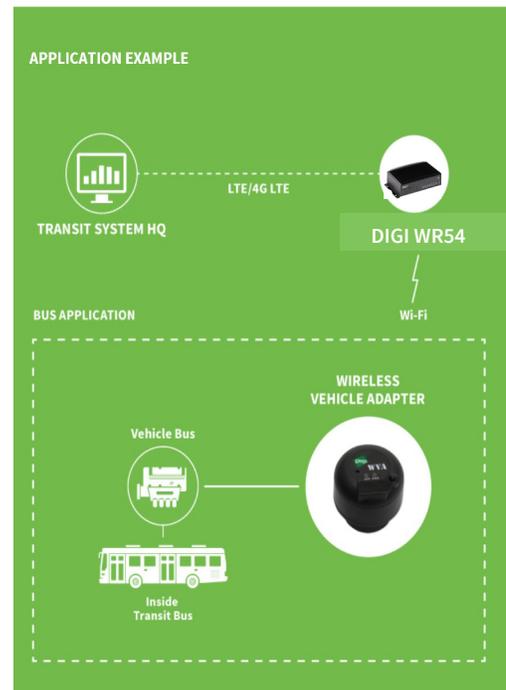
GAIN REAL-TIME DIAGNOSTICS
Ethernet ports provide a priority datalink for onboard computers, displays and sensors. A broad array of interfaces allows connection to legacy serial devices.

OPTIMIZE SAFETY & SECURITY
Monitor asset location and utilization worldwide.

LOWER OPERATIONAL COSTS
Increase your telematics penetration through a low-cost solution that installs in minutes.

APPLICATION EXAMPLE

TRANSIT SYSTEM HQ — LTE/4G LTE — DIGI WR54

BUS APPLICATION

Wi-Fi

WIRELESS VEHICLE ADAPTER

Vehicle Bus

Inside Transit Bus

A FULL RANGE OF POSITIVE TRAIN CONTROL, WAYSIDE AND ENGINE CONNECTIVITY SOLUTIONS

Digi WR54
Rugged and secure cellular router with dual redundant communications.

Digi TransPort® WR44 RR
Rugged, all-in-one cellular router with 3G/4G GPS. Designed for use on-board rail vehicles.

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Comprehensive IoT Device Management Application for Secure Asset Monitoring and Control
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