



Digi SAFE Connectivity Solutions

Mobile Networks for Public Safety and Emergency Services

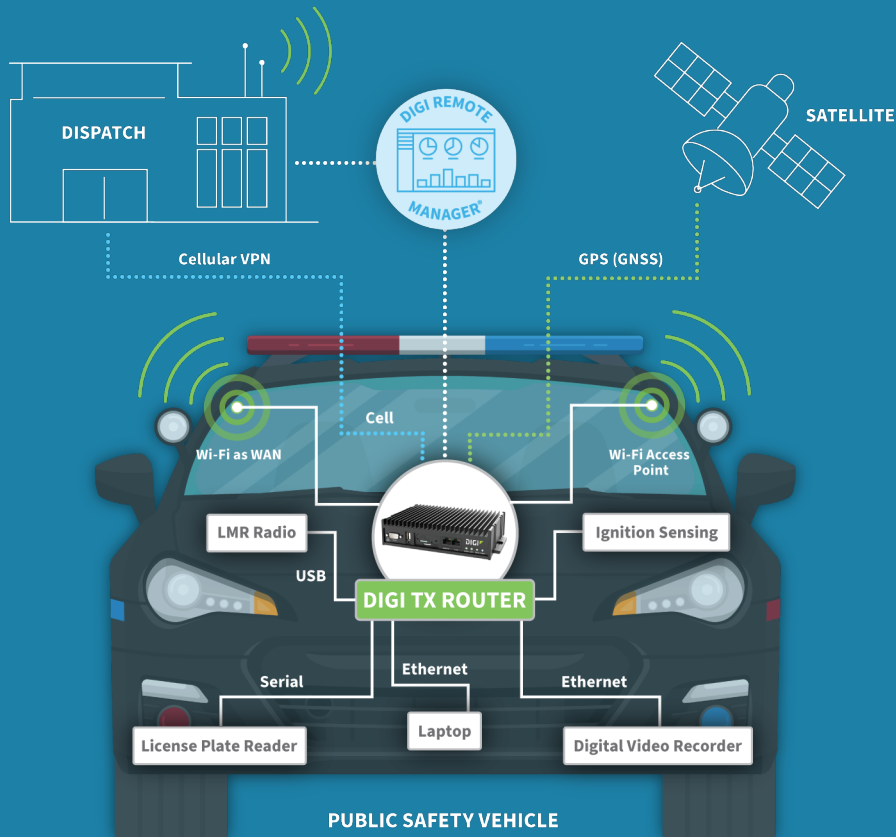


Introducing Digi SAFE™

Every public safety organization needs reliable, always-on connectivity. For police vehicles especially, reliable connectivity is essential for the safety of officers in the field and for the safety of the general public they're sworn to protect.

Digi SAFE™ connectivity solutions are purpose-built for public safety professionals. Easy to use and priced for widespread deployment by EMS, police and fire departments of all sizes, Digi SAFE includes state-of-the-art software to ensure the security and performance of the network, with rugged hardware built to withstand punishing vibration and weather extremes.

Software and Hardware That Work Together



Digi Remote Manager

At the heart of Digi SAFE™ is Digi Remote Manager®, the command center of your intelligent public safety network. Digi Remote Manager enables IT teams to monitor, manage and update devices in the field remotely. It facilitates the rapid deployment of cellular routers, and enables security and firmware updates.

Digi TX Cellular Routers

Digi TX cellular routers are purpose-built for the challenging conditions encountered by public safety professionals in the field. They have IP64-rated hardened enclosures, are temperature rated for -34° C to +74° C, and they incorporate serial, USB, dual SIMs and more, for maximum integration flexibility.

Situational Awareness for Public Safety

Situational awareness lets officers understand the full context of what's happening before they arrive on the scene. It lets them know the nature of the threat, if there is one, as well as the needs of the other officers, and any potential danger to the public. The volume and complexity of data flowing to and from public safety vehicles is growing constantly. So the need for situational awareness — and the always-on connectivity that enables it — has never been greater.

Meeting the mission-critical requirements of emergency vehicles requires a high-performance system that can manage the critical data flow for the complete range of devices. Since at any given time this can include radios, dashboard cameras, body cams, license plate readers, radar detectors and more, the solution must support real-time data flow between dispatchers, command staff and officers arriving on the scene of a public safety incident. Digi SAFE is designed to support these critical needs.

Next-Generation Connectivity

Transmitting and processing all of the data generated by officers on patrol — including high-resolution video — can be a costly proposition. Digi SAFE unlocks the adoption of next-generation, always-on connectivity for agencies and departments of all sizes. With departmental budget challenges in mind, this solution is priced for widespread deployment, with available volume pricing options to deliver optimal value for these mission-critical investments.

Digi SAFE solutions are available in both 4G LTE and 5G models with 4G/5G dual connectivity and dual SIMs. 5G cellular routers provide seamless connectivity between 5G and 4G networks, without interruption or loss of data. These 4G/5G connections can be further combined along with available wired WAN or Wi-Fi WAN internet connections using Digi WAN Bonding for always-on connectivity with increased speeds and lower latency, providing you with the ultra-fast, ultra-reliable connection that can only be found with the Digi SAFE solution.



The advantages of 5G wireless connectivity are well known. 5G offers higher speed, lower latency and stronger security than its predecessors. But while 5G coverage is growing, there are still gaps in coverage, especially in areas away from large urban centers. We've got you covered.

Locational Awareness

Situational awareness includes locational awareness — knowing exactly where a public safety vehicle is at all times. Digi TX routers include latest-generation GNSS dead-reckoning technology, which provides more accurate location information than is possible with standard GPS. This capability, known as “untethered dead reckoning” (UDR), is especially useful when vehicles are traveling through tunnels or urban canyons, or beneath an overpass — any of which can block the GPS signal.



Connectivity in Large-Scale Emergencies

Massive increases in civilian cell phone usage during a large-scale public emergency can jam cellular networks needed by police, fire and other first responders. In answer to this need, wireless carriers have developed networks to deliver priority, pre-emptive communications for first responders during such emergencies.

These networks enable critical voice, text and data communications so that every police cruiser, ambulance and first responder vehicle can communicate with dispatchers, hospitals — and each other — without interruption or delay. Digi solutions are compatible with all popular public safety cellular plans, including AT&T FirstNet®, Verizon Frontline and T-Mobile T-Priority.

Digi SAFE: Three Rings of Security

Digi's reputation for security is unmatched in the industry. Digi SAFE protects both live voice communication and confidential data with three interlocking rings of security.



Digi TrustFence®

Digi SAFE incorporates Digi TrustFence®, the proven security framework designed for mission-critical applications. Digi TrustFence integrates device security, device identity, and data privacy capabilities that grow and adapt with new and evolving cyberthreats.

FIPS 140-3 Certification

Cellular routers used in Digi SAFE are certified to meet the strict Federal Information Processing Standard 140-3 (FIPS 140-3) for cryptographic modules. This certification by the U.S. National Institute of Standards and Technology (NIST) covers areas including physical security, authentication, ports and interfaces, operational environment and more.

CJIS-compliant Mobile VPN

Digi SAFE includes a mobile VPN solution powered by Radio IP Software, a leader in mobile solutions with decades of experience in secure communications. The Digi SAFE mobile VPN complies with the standards set by the FBI's Criminal Justice Information Services (CJIS) division, which are designed to ensure data security in law enforcement at the local, state, and federal levels.

Related Public Safety Solutions

In addition to solutions for police, fire and other first responders, Digi offers solutions that serve a broad range of related needs in the public sector.



Traffic Management: Traffic management solutions from Digi help reduce accidents at intersections, ease congestion and speed emergency response.



Digital Signage: Flexible digital signage can provide critical information to motorists and the general public in case of emergencies. They can also provide traffic advisories and updates related to events, traffic detours or construction delays.



Predictive Maintenance: Emergency vehicles need to be in peak operating condition 24/7/365. Digi solutions help provide vehicle data such as fuel consumption, engine performance, miles driven and more, to simplify maintenance scheduling and prevent breakdowns.

Digital Transformation in Public Safety

“Digital transformation” is a common term in enterprise and industrial networking, but it also represents a reality taking place every day in the world of public safety. Digi solutions enable public safety organizations to advance their own digital transformation faster and with greater confidence.

Digi solutions offer durability and reliability unparalleled in the industry — qualities that are especially important for the demanding environment and budgetary pressures of law enforcement and emergency response. Over its 35+ years in the industry, Digi has established a reputation for quality and service that has made us the solution provider of choice for both commercial and public sector organizations that want the very best in wireless communication.

Visit www.digi.com/digsafe or scan this QR code to learn more →



For more information, visit:

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