# Connectivity Solutions

## Relentlessly reliable connectivity, from the data center to the edge



Digi routers, extenders, gateways and embedded modules are designed and built for a long, trouble-free service life. Priced for a diverse range of use cases, Digi industrial-grade products deliver robust, flexible connectivity with specifications to support applications in of challenging conditions and temperatures.

| Interoperable | Flexible and Future-proof | Seamless Security | Relentless Reliability |

## Proven durability, long-term reliability

### Industrial Cellular Solutions

industrial routers provide rugged, reliable network connectivity and remote management tools for heavy-duty applications such as manufacturing automation, precision farming, oil fields, industrial tanks, water treatment and construction.





### Enterprise Cellular Solutions

Enterprise cellular extenders are indoor-grade or light industrial solutions that ensure your application is connected securely and reliably on LTE or 5G networks. These solutions support everything from office networking to remote/hybrid teams, supply chain facilities and infrastructure sheds.

### Infrastructure Management

Infrastructure Management products include industry-leading serial devices and terminal servers designed for modern operational environments, as well as USB-over-IP solutions to extend access to peripheral devices, and industrial monitoring and control solutions designed for water, agriculture, lighting, power and fleet applications.

# Digi Cellular Routers

## Reliable connectivity. Regardless of conditions.

Digi offers a broad selection of purpose-built cellular solutions supporting the range of use cases in enterprise, industrial and transportation. Digi cellular routers are complete solutions that integrate the feature-rich Digi Accelerated Linux operating system (DAL OS), the Digi TrustFence® security framework, Digi SureLink® for connection persistence, and Digi Remote Manager® for configuration, remote monitoring and management of deployed devices, as well as industry-leading warranty and support options.

**Enterprise Cellular Routers:** 4G LTE and 5G cellular routers and extenders that support the full range of indoor cellular connectivity needs for retail, business and light industrial use cases

|  | Digi EX50 | Digi EX15 | Digi EX12 |
|---|---|---|---|
| Cellular Modems | 5G NR / LTE-A Pro Cat 20 | Digi CORE Plug-In Modem Options: LTE Cat 4, LTE-A Cat 7, LTE-A Pro Cat 18 | LTE Cat 4 |
| Serial ports | RS-232 (RJ-45) | RS-232 (RJ-45) | RS-232 (RJ-45) |
| Ethernet ports | 2x 2.5 Gbps | 2x 1 Gbps | 2x 10/100 Mbps |

**Industrial Cellular Routers:** Both 4G LTE and 5G cellular routers for the complete range of industrial use cases, from applications in harsh environments, to solutions for manufacturing automation and Industry 4.0.

|  | Digi IX40 | Digi IX30 | Digi IX20 | Digi IX10 |
|---|---|---|---|---|
| Cellular Modems | 5G/4G LTE Cat 19 4G LTE Cat 12 | LTE Cat 4, LTE-A Cat 7 | Digi CORE® Plug-In Modem Options: LTE Cat M1, NB-IoT, LTE Cat 4, LTE Cat 7 | Options: LTE Cat 4, LTE-A Cat 6 (CBRS-only) |
| Serial ports | RS-232/422/485 (DB-9 DTE) | RS-232/422/485 (DB-9 DTE) | RS-232 (DB-9) | RS-232/485 (RJ-45) |
| Ethernet ports | 4 | 2 | 2 | 1 |

**Transportation Cellular Routers:** 5G cellular routers with 4G LTE fallback for a wide range of use cases, from public transportation to light and heavy railway connectivity to purpose-built solutions for first responder vehicles.

|  | Digi TX64 | Digi TX64 Rail | Digi TX54 | Digi TX40 |
|---|---|---|---|---|
| Cellular Modems | 5G Sub-6 and 4G LTE Cat 20 4x4 | 5G Sub-6, 4x4 | Single or dual 5G Sub-6, 4x4 (+ 2x2) | 5G Sub-6, 4x4 |
| Wi-Fi | Wi-Fi 6, 5 GHz, 4x4 Wi-Fi 6, 2.4/5 GHz, 2x2 | Dual Wi-Fi 6, 2.4/5 GHz, 2x2 dual-band concurrent | Wi-Fi 5, 2.4/5 GHz 2x2, dual-band concurrent (dual Wi-Fi option) | Wi-Fi 6, 2.4/5 GHz, 2x2, dual-band concurrent |
| Serial ports | RS-232 (DB-9) | RS-232/422/485 (DB-9 DTE) | RS-232 (DB-9) | RS-232 (DB-9) |
| Ethernet ports | 4 (10/100/1000 RJ-45) | 4 (10/100/1000 M12) | 4 (10/100/1000 RJ-45) | 2 (10/100/1000 RJ-45) |

# Digi Network Infrastructure Management Devices

## Empowering Network Resilience for Multi-Site Networks

Digi infrastructure management solutions support a range of use cases across industrial, smart cities, retail, hospitality and education environments. With easy-to-implement solutions and excellent remote management through Digi Remote Manager and remote out-of-band management, our solutions support the most demanding use cases.

**Console Servers:** Provide the tools and technology to enable IT teams to centrally manage routers, firewalls, servers and other critical IT infrastructure over LTE or enterprise WAN.

### Digi Connect® IT Mini

A compact, affordable solution for remote IT devices with LTE Cat M for maximum coverage.

### Digi Connect® IT 4

Always-on cellular out-of-band (OOB) gateway solution featuring 4G LTE connectivity.

### Digi Connect® IT 16/48

Centralize the management of firewalls, routers, servers, and other IT infrastructure with this enterprise WAN or LTE network solution.

**Serial Device and Serial Terminal Servers:** Provide 1, 2, 4, 8, 16, and 32 port serial over Ethernet options with transparent connectivity for existing serial applications with Digi's RealPort® driver, or via TCP or UDP sockets.

### Digi Connect EZ® Mini/2/4

1 to 4 serial ports supporting RS-232/422/485, Gigabit Ethernet, AC or 9-30 VDC power, Wi-Fi, and optional Digi CORE® LTE modules.

### Digi Connect EZ® 8

8 serial RS-232 or RS-232/422/485 software selectable ports, Wi-Fi and optional Digi CORE LTE modules.

### Digi Connect EZ® 16/32

16 or 32 serial RS-232 or RS-232/422/485 software selectable ports with single or dual power, optional Digi CORE LTE modules.

**USB Connectivity:** Connectivity solutions for USB and USB over IP, designed to extend access to USB and serial devices. These solutions are ideal for manufacturing lines, retail POS systems, inventory scanners, and more.

### Digi AnywhereUSB® Plus

Our industry-leading USB connectivity solution, the Digi AnywhereUSB Plus family includes 2/8/24 USB port solutions offering secure, highspeed connectivity on LANs via Wi-Fi or Ethernet without locally attached host computers.