



# Elevating Healthcare Network

Digi's Next-Gen Infrastructure Solutions



## Introduction

Healthcare IT is transforming how care is delivered and managed. As hospitals adopt more complex technologies, maintaining a resilient and secure IT infrastructure is critical.

### Digi Infrastructure Management helps hospitals:

- Connect legacy and modern systems
- Enable secure USB-over-IP
- Streamline operations
- Meet compliance needs

This eBook highlights how Digi's **USB connectivity, serial connectivity, and console servers** empower healthcare IT teams to maintain efficiency, security, and scalability.

# Understanding USB Over IP in Healthcare

**Digi AnywhereUSB® Plus** extends USB connectivity over an IP network, enabling remote devices to connect to centralized hubs. In hospitals, this ensures smooth communication between peripherals like barcode scanners, printers, and lab instruments, supporting efficient operations and patient data management.

## Key use cases

- **Data collection:** Supports barcode scanners for medication tracking, accurate prescriptions, and secure printing of medical labels
- **Administrative:** Secures USB dongles for software authentication, protecting critical applications
- **Lab equipment:** Enables remote integration of USB-dependent machines with hospital networks

## Benefits



Centralized control



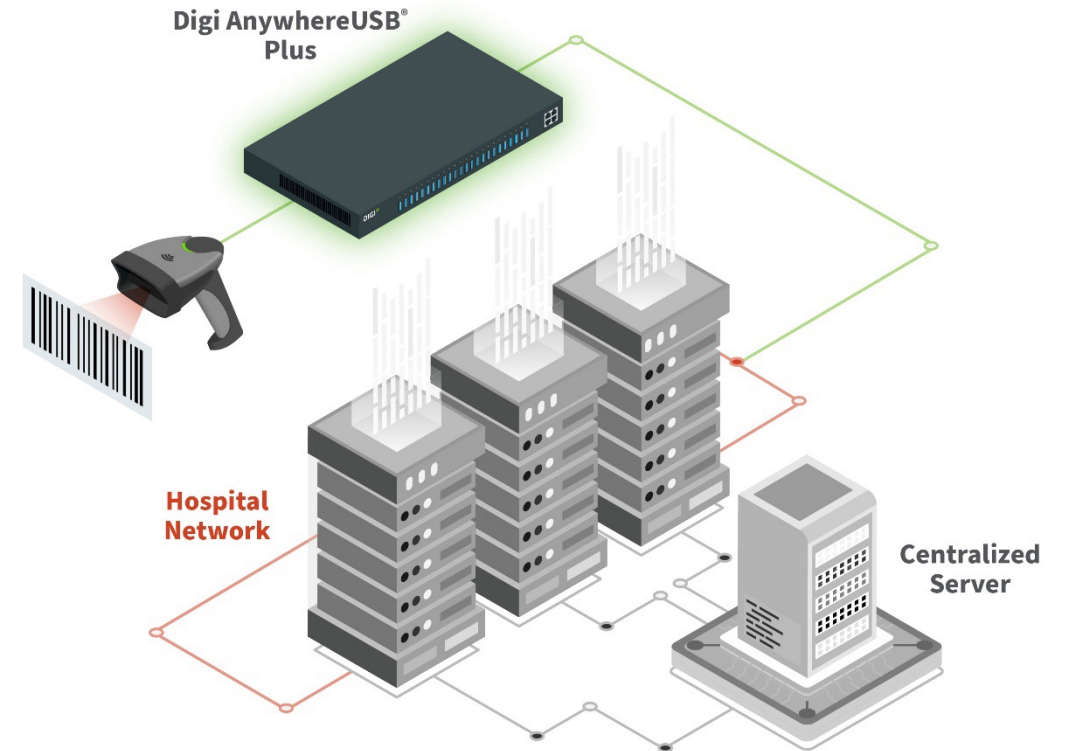
Stronger security



Scales as you grow

## Digi AnywhereUSB® Plus

Enhancing USB connectivity in healthcare



# The Role of Serial Connectivity in Healthcare

Many legacy medical devices and systems, such as ventilators, infusion pumps and HVACs, are still serial based today.

## Key use cases

- **Legacy medical devices:** Connects essential equipment like ventilators and pumps, ensuring they continue to operate within modern systems
- **Integration:** Links bedside monitors with EHR systems, streamlining patient monitoring and reducing errors
- **Environmental control:** Supports HVAC and facility systems to maintain optimal hospital environments

## Benefits



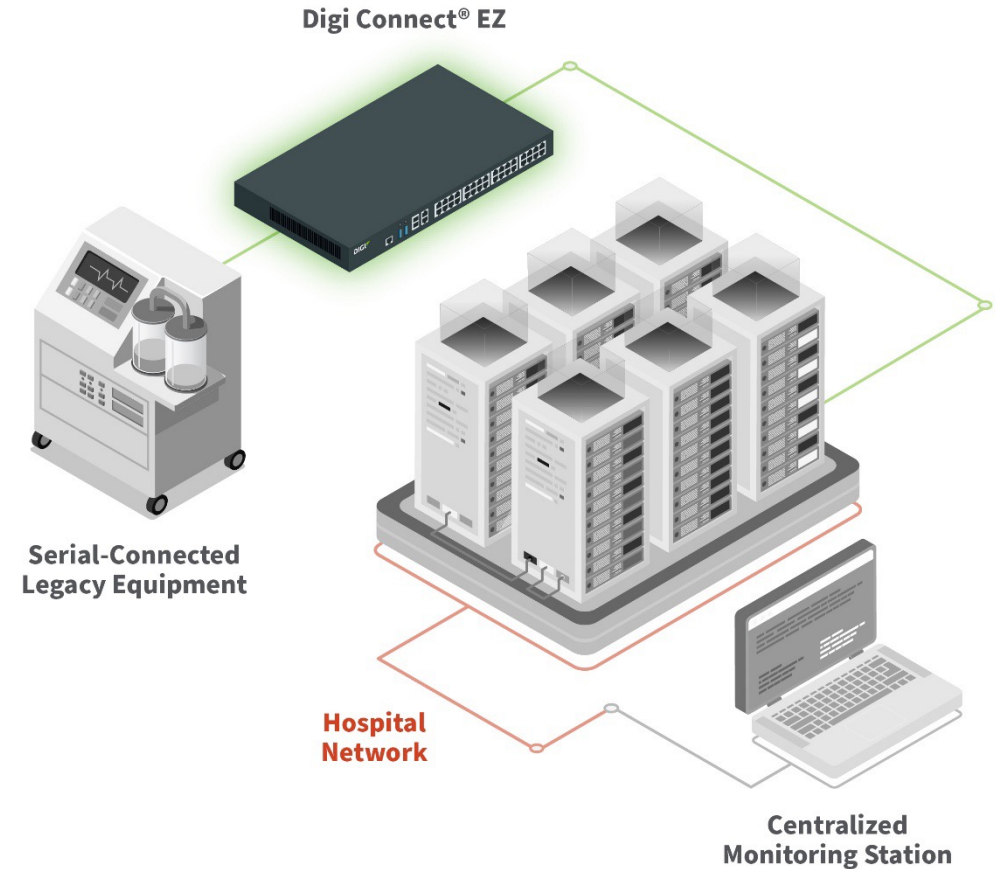
Real-time data



Extend device life



Avoid costly upgrades



# The Importance of Secure IT Infrastructure in Healthcare

Downtime isn't an option. [Digi Connect® IT 16/48](#) supports critical out-of-band management of offline devices for IT teams.

## Key use cases

- **Network management:** Remote control of routers, switches, and firewalls to minimize downtime
- **System security:** Secure access to backup servers, ensuring regulatory compliance
- **Data protection:** Manages PACS and diagnostic systems for uninterrupted access to medical imaging

## Benefits



Encrypted access



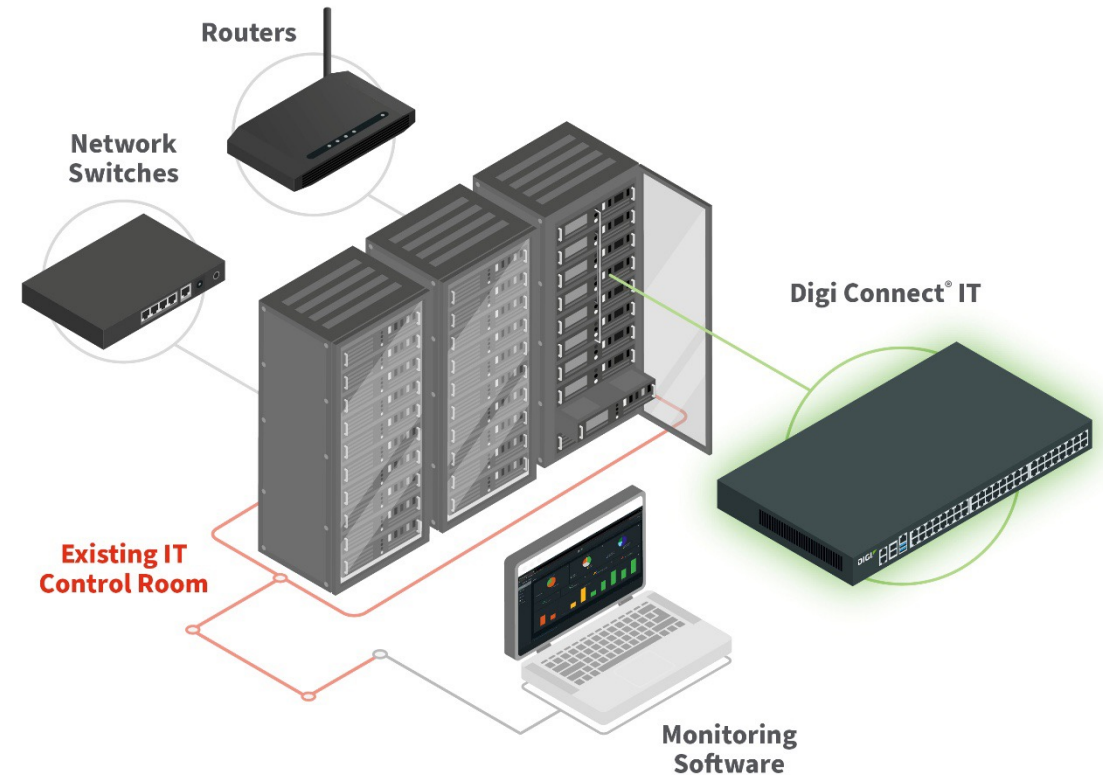
Fast issue resolution



Less need for onsite staff

## Digi Connect® IT 16/48 Console Servers

Secure and centralized network management





## Built for Healthcare-Grade Reliability

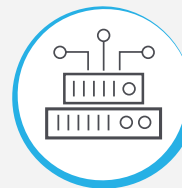
Digi delivers secure, reliable, and scalable solutions for complex connectivity challenges. [Digi Connect EZ](#), [Digi AnywhereUSB Plus](#), and [Digi Connect IT 16/48](#) come with Digi LifeCycle Assurance built in, ensuring optimal performance and protection for critical systems, backed by our commitment to delivering the best IIoT connectivity.

## Digi LifeCycle Assurance Solution Components



### Management

[Digi Remote Manager®](#) provides full network visibility, control, and automation with remote monitoring, security, and over-the-air updates. For on-site deployments, Digi On-Prem Manager offers the same capabilities in a self-hosted solution.



### Device

High-performance, purpose-built Digi devices, with integrated software, designed to meet the requirements of a wide range of enterprise, industrial, medical, and transportation use cases.



### Technical Support

Provides one year of 24/7/365 support within a four-hour SLA for device and network troubleshooting to ensure issues are resolved quickly.



### Warranty

5 year best-in-class product warranty ensures technology investments can be maximized with mitigated risk.

## Why Digi? Because Healthcare Can't Afford Failure

As a trusted provider of communications technology, Digi empowers medical organizations to connect critical systems, streamline operations, and improve patient care. Our infrastructure management solutions deliver relentlessly **reliable, secure, and scalable** machine connectivity — essential for supporting life-saving equipment, ensuring compliance, and maintaining uptime in demanding healthcare environments. With Digi, you can count on technology that performs when it matters most.

Ready to talk to a Digi expert? [Contact us](#) ➔

