

Use case

Smarter networks: better patient outcomes

Unlock AI's true potential and deliver faster, smarter care.



In healthcare, technology is often most valuable when it helps support better patient outcomes, clinician efficiency or operational reliability. Artificial intelligence (AI) is beginning to contribute across these areas, moving from exploratory projects into applied use cases such as clinical decision support, imaging analysis and care coordination.

Many healthcare networks were not originally designed to support real-time analytics or data-intensive AI workloads across clinics, hospitals and remote care settings. In some cases, network limitations can affect how quickly data is processed and insights are delivered. Taking a closer look at how data moves across the network may help healthcare organizations better support AI initiatives and bring intelligence closer to where care is provided.

Challenge

Healthcare organizations are under pressure to adopt AI quickly while navigating strict compliance, security and ethical standards. Protecting patient data is critical, and AI introduces new demands on infrastructure and IT teams already stretched thin. Many networks struggle to handle the massive volumes of medical data needed for AI-driven care, slowing adoption and limiting the potential impact on clinical workflows.



of surveyed executives said that network performance and reliability are critical for AI and machine learning initiatives.¹

Solution

Verizon AI Connect* enables healthcare providers to bring intelligence closer to where care happens. By supporting secure, high-bandwidth connections, Verizon AI Connect allows applications such as automated clinical documentation and AI-assisted imaging analysis to process and move large datasets efficiently within a hospital or across remote facilities.

With this solution, sensitive patient information can flow safely across the network, helping support compliance requirements while enabling near-real-time insights. Physicians can receive AI-generated recommendations and scan analyses or alerts quickly, helping reduce administrative burden and supporting faster, more informed decisions at the point of care.

Benefits

Powered by Verizon AI Connect, healthcare organizations can reduce physician workload, improve diagnostic accuracy and enhance patient care. Decisions can be made faster and more confidently, supported by data that flows reliably and securely across the network.

Beyond operational improvements, Verizon AI Connect also opens new possibilities for revenue and care delivery. Hospitals and clinics can offer remote diagnostics for specialized scans to distant specialists who lack these capabilities. This can help expand access to expertise, create scalable service opportunities and transform clinical knowledge into a new source of value for patients and providers.

Why Verizon

Verizon AI Connect brings together the capabilities needed to manage demanding AI workloads, all supported by the strength and scale of America's most reliable network.² With the help of network slicing, specific bandwidth can be reserved for mission-critical applications, delivering consistent speed and reliability. You can count on fast speeds for data and enhanced performance with the support of a modern infrastructure that empowers innovation and drives growth.



Expansive data center access with the power, space and cooling needed for advanced AI computing



Programmable networks for near-real-time control and rapid adaptation to changing AI demands



Security built in, helping safeguard data, privacy and compliance

Learn more

Talk to your Verizon Business representative today or visit [verizon.com/business/resources/scaling-ai/ai-for-business-development](https://www.verizon.com/business/resources/scaling-ai/ai-for-business-development) to explore how we can help you turn AI into new opportunities for growth.

*Verizon AI Connect is not available outside of the U.S., U.K. and France. However, the full capabilities of the solution (Wavelength, dark fiber, and other Verizon Business Group offerings that enable AI workloads) are supported where available.

1. "Architecting AI at scale," S&P Global Market Intelligence in partnership with Verizon Business, May 2025.

<https://www.verizon.com/business/resources/Tdb2/reports/verizon-delivering-ai-at-scale-networking-insights.pdf>

2. Based on RootMetrics® United States RootScore® Report: 2H 2025. Tested with best commercially available smartphones on three national mobile networks across all available network types. Your experiences may vary. RootMetrics rankings are not an endorsement of Verizon. All rights reserved.

© 2026 Verizon. OGFL8511225. This content was created with the assistance of AI.