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Transforming Healthcare

A Network Built to Advance Patient Care

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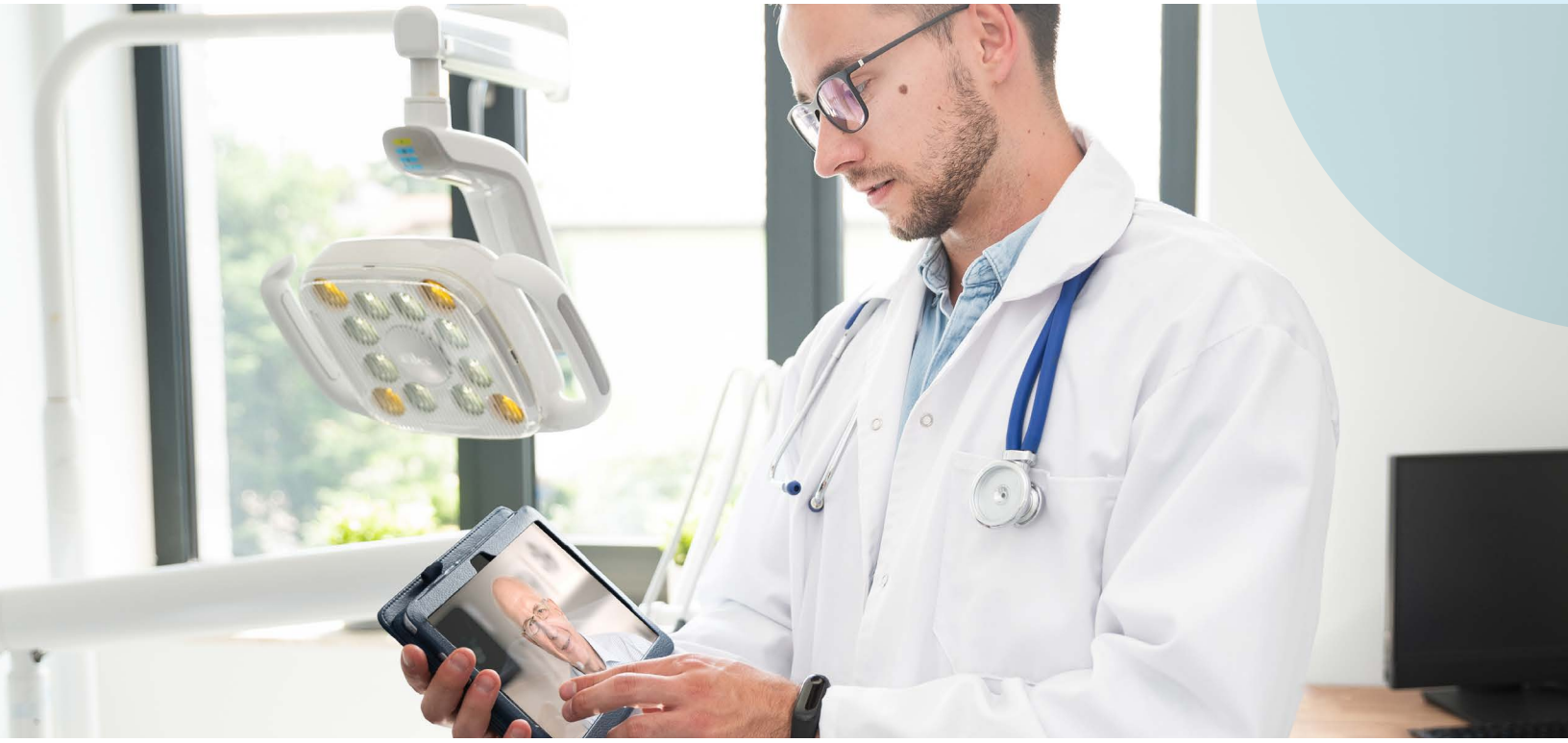
The adoption of private 5G networks in hospitals represents a transformative step towards modernizing healthcare delivery. By addressing connectivity barriers, enhancing data security, and enabling innovative use cases, private 5G networks can significantly improve patient care and operational efficiency. As the healthcare industry continues to evolve, embracing this technology will be crucial for hospitals aiming to provide high-quality, patient-centered care in a rapidly changing environment.

INDEX PAGES:

- → **Enhanced Patient Care Through Seamless, Mission-Critical Connectivity**
- → **What is a Private Wireless Network?**
- → **Benefits of Implementing a Private Network**
- → **Is Your Hospital a Viable Candidate?**
- → **Potential Pitfalls**
- → **How to Choose a Solution Provider**



Enhanced Patient Care Through Seamless, Mission-Critical Connectivity

Hospitals across the country are continuously looking to technology to improve patient outcomes while enhancing operational efficiency. Today's challenges range from connectivity barriers, with traditional Wi-Fi and carrier networks struggling to meet the increasing demands for bandwidth and coverage, to the rising need to protect patient data and network security. With the emergence of 5G technology and the opening of CBRS spectrum for commercial use, connectivity solution providers are now able to design and deploy a highly secure, reliable Private 5G network that can help hospitals lay the foundation for better patient care.

Examples of Healthcare Use Cases:

- → Private, secure, reliable voice & data communications throughout the facility
- → Secure medical record access
- → Continuous IoT & wearable patient monitoring
- → Rapid medical imaging data transfer
- → Ambulance connected to the hospital during transport
- → Asset tracking
- → Automated building management

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What is a Private Wireless Network?

It is a communication network privately owned and operated, as opposed to a public network that is typically owned and operated by a telecommunications service provider. Private networks are designed for specific communities or groups, providing secure and reliable network access for users over a defined area. These networks are often used by hospitals, municipalities, and educational institutions to meet their specific needs and requirements. They can be deployed as a standalone network or integrated into existing infrastructure.

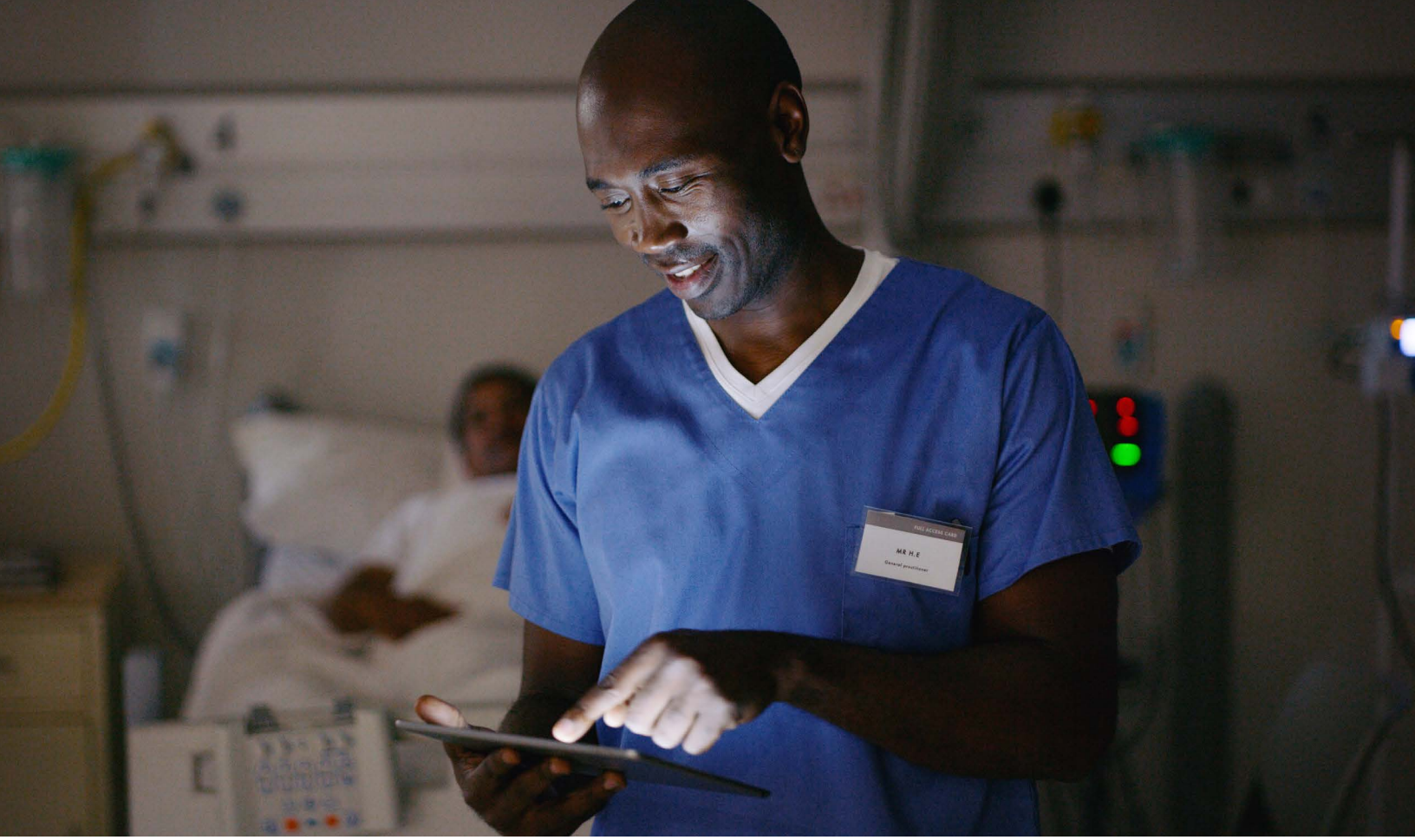
Benefits of Implementing a Private Network

- → Ubiquitous cellular coverage extended to all areas of the facility
- → Improved reliability and performance through high quality connections, resulting in faster speeds
- → Increased control since the network owner determines who can access the network and what data is transmitted
- → Carrier-grade security standards such as SIM authorization, encryption, and APN (Access Point Name) configuration
- → Seamless mobility between the private network and public networks
- → Ability to reduce or eliminate DAS expenses

Is Your Hospital a Viable Candidate?

To help determine if your healthcare system is a good candidate for a private wireless network, ask these questions:

1. Do you have poor voice and data coverage in areas of your facility for visitors, healthcare workers, or both?
2. Are you concerned that Electronic Health Records and patient information may not be secure while being sent over the hospital Wi-Fi network?
3. Is your network at a higher risk of cyber-attacks because end-user devices are connected to public wireless networks?
4. Does the transmission of large data files from medical imaging equipment reduce the speed and reliability of your network?
5. Is it difficult to integrate existing medical software and applications with your current communications network?



Potential Pitfalls

Designing and deploying a private wireless network can be a complex and challenging process. Here are some things to consider when choosing a private wireless solution provider.

1. Designing and deploying a network requires an elevated level of technical ability, including knowledge of networking protocols, security best practices, and radio frequency (RF) design.
2. Building a private network requires the development of network architecture, installation of components, and configuration of devices.
3. It is important to design a scalable network that not only meets current requirements, but can also accommodate future growth.
4. The design must Incorporate appropriate security protocols to address vulnerabilities such as unauthorized access, and data breaches that can impact the integrity of sensitive information.

Working with an experienced vendor can ensure your network meets performance expectations, can support future growth, and save money by eliminating rework.

How to Choose a Solution Provider

Choosing the right private wireless vendor can impact the performance, reliability, security and cost of your network. When choosing a vendor, it is important to consider the following factors:

- **Prior Experience with Hospital Projects:** Healthcare facilities vary widely in terms of goals and budgetary constraints, so it's important to choose a partner who has a lot of experience working with healthcare organizations.
- **Technical Expertise & Innovation:** Deep technical expertise in broadband infrastructure deployment allows the vendor to design and build a future-proof solution customized for your hospital's needs.
- **Project Ownership:** A reliable partner will take complete ownership of the project from environmental studies to post deployment testing, ensuring all aspects are managed efficiently.
- **Flexibility:** A capable vendor will possess the agility and innovation to meet your requirements and overcome obstacles.
- **Strong Communication & Collaboration:** Ensure the vendor listens to your unique needs, engages in open dialogue, and provides transparent progress updates throughout the project lifecycle.

Kajeet Healthcare 5G

As a leading provider of wireless solutions for 20 years, Kajeet has extensive experience in designing, building, and managing private wireless networks. Kajeet has a team of experts who can work with you to assess your specific needs and develop a customized solution to meet your goals. Additionally, its relationship with equipment manufacturers can help scale any size project, ensuring you have access to the best technology and resources to support your network.

To learn more, visit: Kajeet Healthcare 5G

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About Kajeet

Kajeet provides optimized IoT connectivity, software and hardware products that deliver safe, reliable, and controlled internet connectivity to nearly 3,000 businesses, schools and districts, state and local governments, and IoT solution providers. Kajeet's Private Network solutions simplify private wireless to allow customers to design, install and manage their own private wireless networks. Kajeet is the only managed IoT connectivity services provider in the industry to offer Sentinel®, a scalable IoT management platform that includes visibility into real-time data usage, policy control management, custom content filters for added security and multi-network flexibility. Kajeet is available for hybrid and multi-network access across all major North American wireless networks, globally with coverage in 173 countries, and on multiple licensed and unlicensed networks. Kajeet holds 43 U.S. patents in mobile technologies.
To learn more, visit kajeet.com and follow us on X at @Kajeet.

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