



### Xirrus Delivers Reliable and Robust Wi-Fi for Healthcare

A doctor visit today is different than in the past. Mobile networking is intricately linked to how healthcare organizations interact with patients, doctors, nurses, and healthcare equipment. Wi-Fi is required for assisted-care facilities to monitor residents and emergency services. Records are online, appointments are scheduled via the Internet, and onsite services are requested through email. Hospitals use Wi-Fi networks to help with EHR access, nurse point of care, physicians prescription entry, and physicians point of care. Unfortunately, healthcare Wi-Fi is lagging behind in supporting these demands due to:

- Issues with older buildings, sensitive medical equipment, medical radiation
- Overly stretched IT resources
- Privacy and security constraints stemming from government compliance
- The need to maximize and fully realize financial resources

Healthcare organizations need fast, secure, and manageable Wi-Fi to increase productivity, meet requirements, and provide more services to patients while minimizing costs.

### The Xirrus Difference

Xirrus delivers an application-aware Wi-Fi platform designed to deliver a highly secure and reliable network to meet healthcare demands. Xirrus' high performance wireless solutions help IT deploy new applications—either from the cloud or from hybrid data centers—as well as deploying voice and video-based collaborative services over a robust, RF-optimized WLAN.

Xirrus solutions reduce the operational overhead by automating provisioning, self-registration for guests, policy definition, and enforcement from the cloud.

Xirrus solutions provide multi-layered security with integrated guest services, BYOD user onboarding, integration with existing IT infrastructure, and segregation of sensitive traffic to address the exposure to security threats.

### Xirrus Benefits

- Robust wireless solutions that deliver mission-critical access to EHR from mobile devices
- TCO and facilities impact reduction deploying/upgrading Wi-Fi network
- Reduces IT resources required to deploy and operate Wi-Fi networks
- Secure solutions for limiting personal device impact on hospital applications

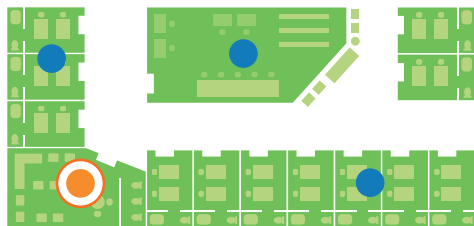
“The beauty of Xirrus is fewer required access points which reduces cabling and wiring.”



Mark Austin, Asst. Director of Clinical Information  
Bedford Hospital

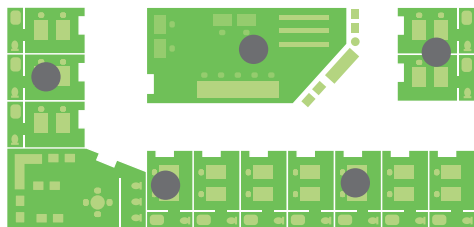


Floor Plan of a Typical Hospital Deployment



**1** HIGH-DENSITY ACCESS POINT      **3** ACCESS POINTS

**COMPETITON Wi-Fi NETWORKS**



**5** ACCESS POINTS

- Xirrus High-Density Access Points
- Xirrus Access Points
- Competitor Access Points

**4 Xirrus Wi-Fi Access Points**  
versus  
**5 Traditional Access Points**

**Highly Reliable, High Performance Access**

Hospitals and assisted living facilities must design a highly reliable wireless network around sensitive medical devices, banks of elevators, and radiology equipment to run critical patient care applications. Deploying clinical applications, patient care tools, and other communications services like VoWi-Fi is a significant challenge. Xirrus has built a comprehensive line of Wi-Fi solutions that scale so you can easily meet your network needs.

**BYOD Management**

Doctors, patients, visitors, and residents’ families all bring personal devices into health organization’s network. This can create security risks from network incursions with sensitive patient data. Xirrus allows you to manage security pressures, prevent fines, and protect hospital interests with solutions to securely manage guests and BYOD devices on the network.

**Application Control**

Xirrus solutions are the industry’s first to integrate next generation application recognition and control at the network edge in every AP. Application Control ensures critical medical usage is prioritized to ensure a rock solid, reliable user experience.

**Automated, Cloud-Managed Wi-Fi**

Great hardware without great software is of little value. That’s why Xirrus developed the XMS-Cloud management system. XMS-Cloud is an easy-to-use, automated Wi-Fi management solution that lets you intuitively configure, monitor, and manage your wireless network. For on-premise network management, Xirrus also offers XMS-Enterprise.

**Make the Smart Choice. Choose Xirrus**

It’s a Wi-Fi world. Doctors use laptops, tablets, and phones in their jobs more than pens and prescription pads. Technology doesn’t stand still, and you must meet both increasing patient needs and government compliance requirements. You need a Wi-Fi system that can keep up with the times. Count on Xirrus to help your health organization make the grade.

**Learn More**

For more information on Cambium Networks Xirrus including customer stories, product information, and a free trial, visit us at [cambiumnetworks.com/Xirrus](http://cambiumnetworks.com/Xirrus).

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