



### Xirrus Delivers Scalable and Affordable Wi-Fi for Campuses

Higher education institutions have long been on the leading edge of wireless usage, and along with it, dealing with the challenges of Bring Your Own Device (BYOD). Students are early adopters of technology – and all the devices in the Internet of Things (IoT) quickly find their way into dorms and classrooms.

Colleges and universities rely on these devices to deliver educational content as well as distance learning. Technology such as Moodle, Blackboard, and other Learning Management Systems are fundamental for student engagement. Using this technology is essential for collaboration on both educational projects and university research.

Being competitive in the higher education marketplace requires a fully functioning Wi-Fi network. Colleges and universities cannot limit device proliferation—they must embrace it. While some enterprises have pushed broad Wi-Fi upgrades off into the future, this is not an option in higher education.

College and university IT administrators must address how they will support increasing device growth. They must provide continuous and contiguous access to an unbounded number of devices, verify availability of educational applications, and work with limited financial and technical resources.

### The Xirrus Difference

Xirrus understands the challenges of Wi-Fi networks at colleges and universities. Our solutions deploy faster and easier, with significantly less equipment and supporting infrastructure. We can help identify and prioritize critical education applications to ensure teaching progresses uninterrupted.

Xirrus helps provision wireless capacity where it is needed—from dorms, to offices, to lecture halls—with a range of performance-scaled solutions.

Xirrus' solutions were developed from the ground up for a wireless world and designed to deliver wired-like performance. And Xirrus solutions support the unique requirements of higher education—particularly in terms of device density, application visibility, and the ability to scale on demand.

### Xirrus Benefits

- Lower total cost of ownership with less equipment and flexible, adaptable hardware
- Easily upgradeable solution for long term Wi-Fi lifespan
- Scalable Wi-Fi solutions to address every need, from small classrooms to large stadiums
- Integrated guest/BYOD management to simplify operations

“ We always struggled with handling large numbers of users, and the Xirrus design made those problems go away. ”



**Brian Helman,**  
Dir. of Network Services  
Salem State University

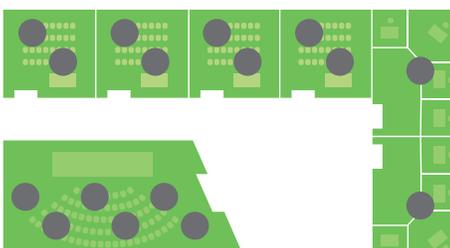
# XIRRUS

Floor Plan of a Typical Campus Deployment



**5** HIGH-DENSITY ACCESS POINTS      **2** ACCESS POINTS

## COMPETITON Wi-Fi NETWORKS



**16** ACCESS POINTS

- XIRRUS High-Density Access Points
- XIRRUS Access Points
- Competitor Access Points

**7 XIRRUS Wi-Fi Access Points**  
versus  
**16 Traditional Access Points**

When we say, "Build the Perfect 10-Year Network," we mean it.

### BYOD-Optimized

XIRRUS wireless solutions seamlessly support the massive proliferation of mobile devices, with onboarding services to automate the process of bringing new devices and users onto the campus wireless network. XIRRUS ensures these devices access the network with a quality end user experience.

### Future-Proof Wi-Fi

No other vendor future-proofs your Wi-Fi network for a long lifespan like XIRRUS. Programmable radios allow you to adapt the Wi-Fi infrastructure over time as the client base evolves. Modular APs allow you to upgrade your network without replacing any equipment.

### High Reliability

XIRRUS distributes intelligence across the network into each Access Point, eliminating the single point of failure and performance bottleneck of centralized controllers. Application Control prioritizes critical applications over recreational usage.

### 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 educational applications are prioritized to ensure a reliable user experience.

### Complete Security

XIRRUS implements multi-level security for comprehensive wireless network protection. Each Access Point integrates a stateful firewall. High Density Access Points incorporate a dedicated threat sensor radio for 24/7 RF security protection without compromising user servicing resources. XIRRUS Application Control enables application detection and application policy control on the network.

### Make the Smart Choice. Choose XIRRUS.

It's a BYOD world. Students today learn as much with laptops, tablets, and phones as they do with beakers and books, and technology won't stand still. You need a Wi-Fi system that can keep up with the times. Count on XIRRUS to help your campus graduate magna cum laude.

### 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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