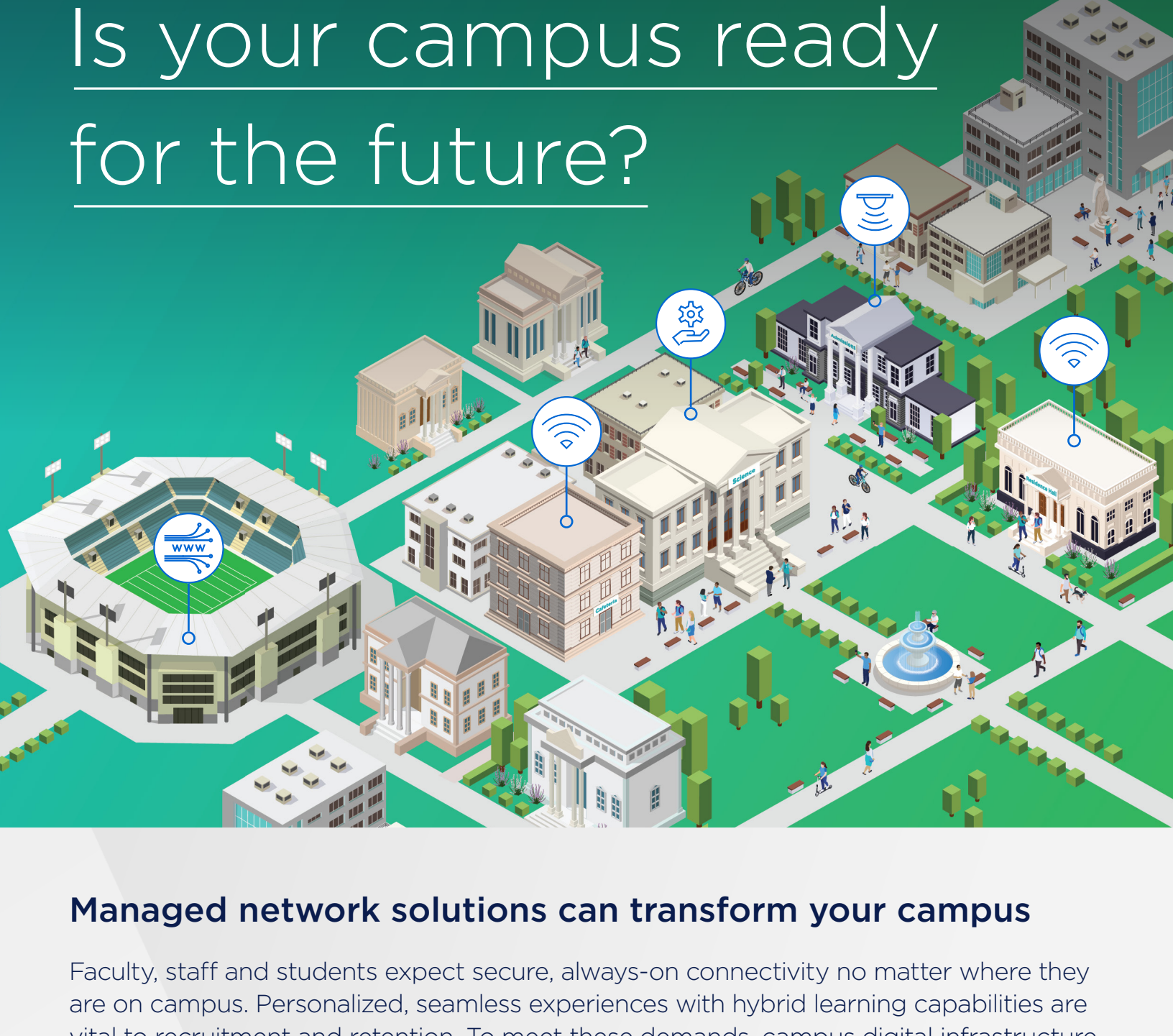


Is your campus ready for the future?



Managed network solutions can transform your campus

Faculty, staff and students expect secure, always-on connectivity no matter where they are on campus. Personalized, seamless experiences with hybrid learning capabilities are vital to recruitment and retention. To meet these demands, campus digital infrastructure must be flexible, scalable and secure. The outcome is a future-ready campus that meets student expectations and reduces burdens on resource-constrained IT teams, allowing them to focus on creating a more dynamic learning environment.

As you review and plan your IT strategy, consider how managed solutions for higher education can benefit your campus.

Higher education technology trends and forecasts

"Higher education is the subsector with the highest rate of digital technology adoption, with online management platforms replacing campuses."

— 2023 Global Education Monitoring Report, UNESCO

77%

of technology leaders strongly agree or agree that their institution struggles to hire new technology employees.¹

92%

of campus IT leaders report updating their software to help with cybersecurity practices within the last year.²

1

Classrooms and learning spaces



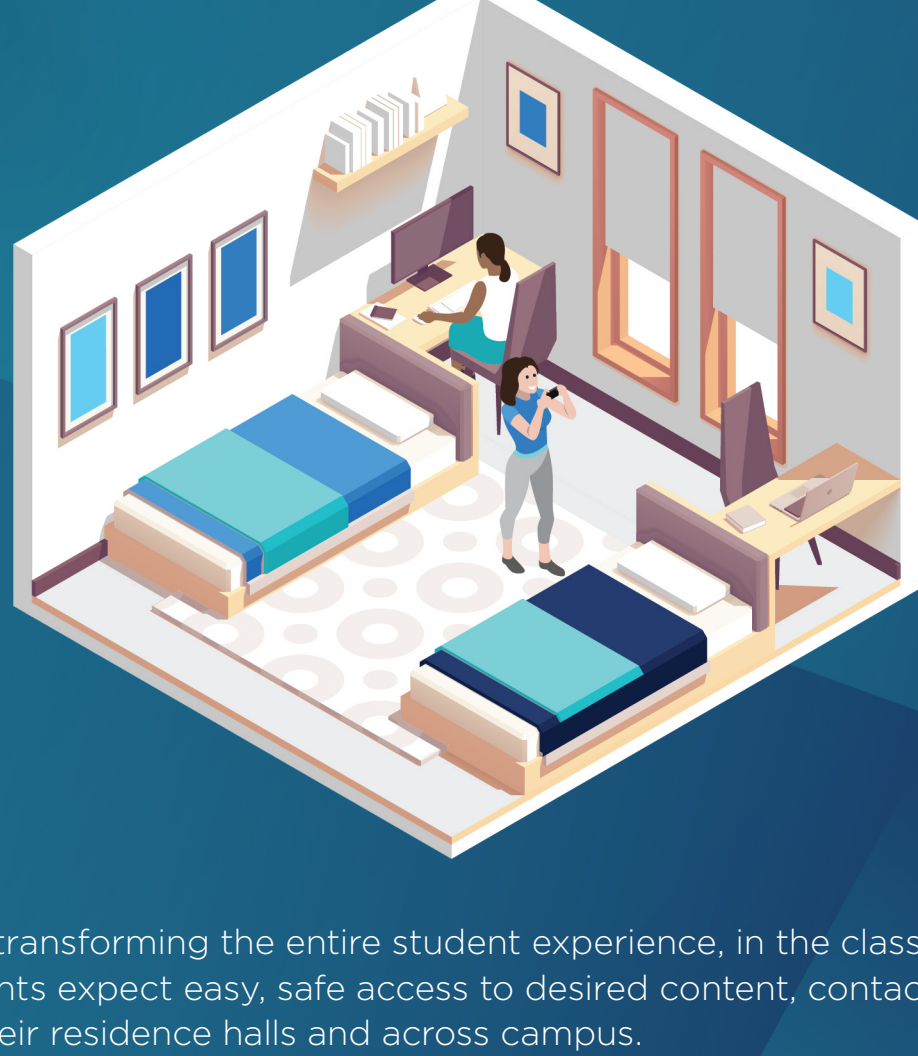
Today's students demand ubiquitous connectivity, from labs to the library. Modernized networks allow on-demand, anywhere, anytime access to coursework and resources to support enhanced learning.

Institutions need:

- Reliable campus-wide WiFi with preferred access for faculty and staff.
- Secure remote access for hybrid learning.
- Adaptable local area network (LAN) and wide area network (WAN) connectivity.

2

Campus life



Technology is transforming the entire student experience, in the classroom and beyond. Students expect easy, safe access to desired content, contacts and resources in their residence halls and across campus.

Institutions need:

- Bandwidth for video and personal devices.
- Smart, connected cameras and door sensors to monitor public areas and support campus safety.
- A TV experience with the ability to stream live or on-demand content to personal devices anywhere on campus.
- Reliable internet connectivity, from WiFi in public spaces to smart laundry in residence halls to point-of-sale (POS) in bookstores and other retail locations.

3

Administration



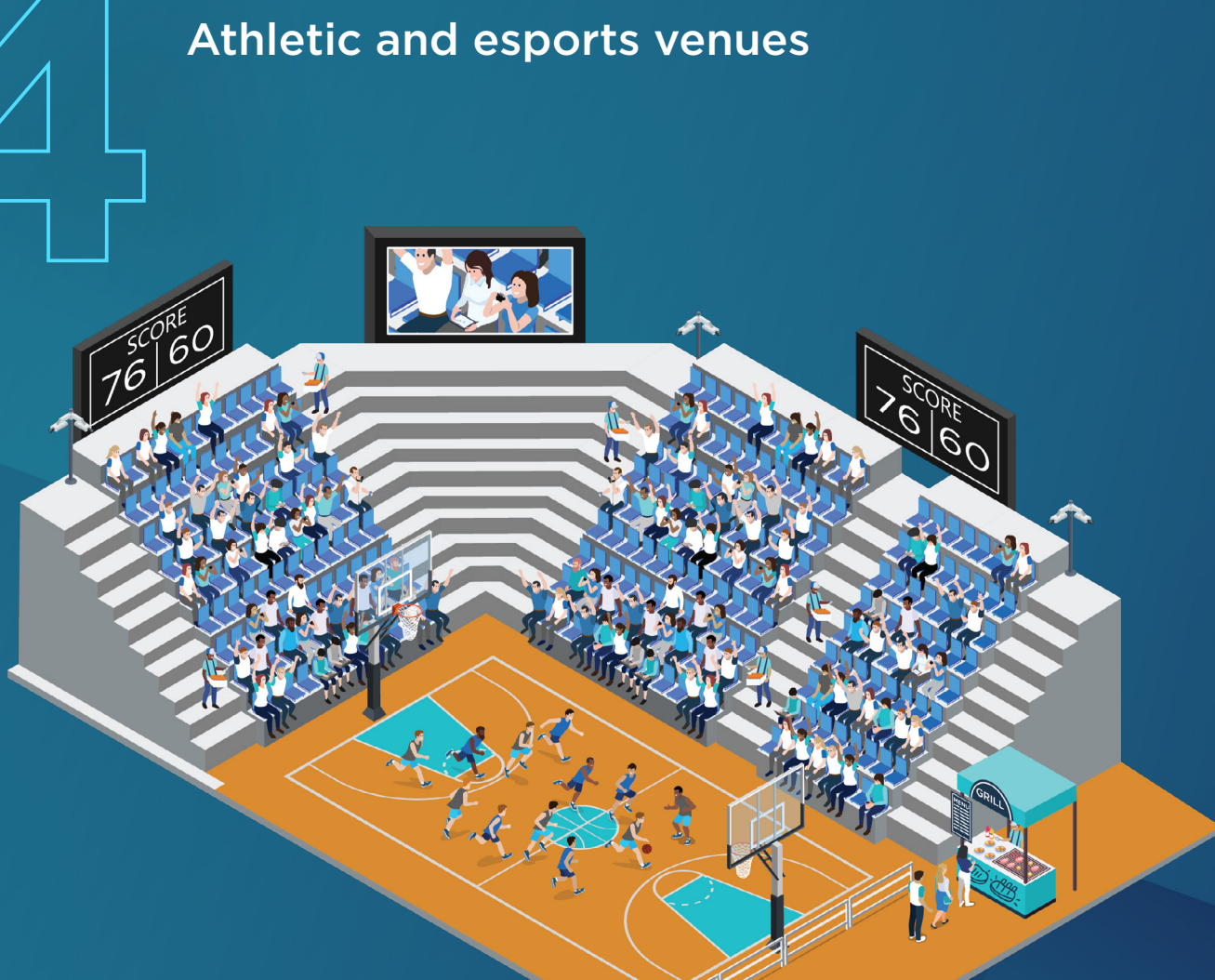
Faculty and staff require reliable connectivity and solutions for communication and collaboration. IT teams need scalable, all-in-one networking platforms that can reduce their workload and advanced cybersecurity to protect sensitive data and ensure compliance with regulations.

Institutions need:

- Flexible and scalable networking solutions.
- All-in-one managed services to reduce IT workloads.
- Comprehensive cybersecurity, including protection from distributed denial of service (DDoS) attacks.
- Unified communications to connect and engage students, faculty and staff.
- A comprehensive network platform to help the institution adapt as needs change.

4

Athletic and esports venues



College sporting events increasingly use technology to enable greater interactivity. Venues invite fans to participate by connecting to each other, to live stream content and for amenities, such as ordering food from personal devices.

Institutions need:

- Reliable WiFi connectivity and "guest" networks with dedicated bandwidth.
- Secure mobile POS connectivity for vendors.
- Smart cameras and devices to monitor large public spaces from one dashboard.
- Dedicated, scalable internet able to reliably connect a high-capacity stadium audience.

5

Facilities management and food service



Innovations like networked smart sensors enable facilities and food service managers to closely monitor their environments. Alerts to water leaks and changes in temperature, air quality and energy use promote greater efficiency and help ensure food safety.

Institutions need:

- Cameras and sensors to detect entry to restricted areas, water leaks and other issues, and send alerts to campus staff.
- Smart automation capabilities.
- POS, video and WiFi connectivity.

For more than 20 years, Spectrum Enterprise® has partnered with colleges and universities to provide education technology and managed solutions tailored to each institution. With our wide range of managed services, networking technologies and 100% 24/7/365 U.S.-based support, we can help you create your future-ready campus.

[Learn more](#)

1. Lauren Coffey, "Few Campus IT Leaders See AI as a Top Priority," Inside Higher Ed, October 9, 2023.
2. Ibid.

About Spectrum Enterprise
Spectrum Enterprise, a part of Charter Communications, Inc., is a national provider of scalable, fiber technology solutions serving many of America's largest businesses and communications service providers. The broad Spectrum Enterprise portfolio includes [networking and managed services solutions](#), [internet access](#), [Ethernet access and networks](#), [Voice](#) and [TV solutions](#). The Spectrum Enterprise team of experts works closely with clients to achieve greater business success by providing solutions designed to meet their evolving needs. For more information, visit [enterprise.spectrum.com](#).

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