

Cybersecurity Assessments

For Colleges and Universities

Be prepared and know your cyber risks.

Solution brief



Universities are tempting targets for cyber security threats because they hold a wealth of valuable data—everything from student information to proprietary research data. Among the various cyber security threats universities face is ransomware. It not only compromises data but can also have a devastating impact on an institution's day-to-day operations.

The distributed nature of university campuses, compounded by flourishing endpoints in the form of Internet of Things (IoT) devices and remote teaching and learning, has further increased the sheer volume of cyber security threats to schools and universities. A failing grade when it comes to implementing security solutions can damage the institution's reputation and lead to lost revenue.

Cybersecurity Assessments

Recognizing the risks, we offer Higher Education colleges and universities of every size, a range of cybersecurity assessments to evaluate risk posture. We apply security controls rooted in industry-standard frameworks and the findings of the annual Verizon Data Breach Investigations Report and provide advanced and highly detailed evaluations of your institution's cyber vulnerabilities.

Delivering remote and on site assessments, our experts comb systems and networks to find weaknesses before unauthorized users do. The methods used are objective, evidence-based and collaborative. Clients can choose any (or all) of the assessments listed on the right.

What's included

When you sign up for an assessment, you'll receive:

- **Written reports:** These include test outcomes tailored to technical and university administrative level users
- **Scores:** Quantitative measurements on how prepared you are to fend off an intrusion
- **Risk-reducing recommendations:** Advice for strengthening security posture prioritized by risk level

Assessments



Internal Vulnerability Risk Assessment: Scan specific (or a range of) university IP addresses to discover vulnerabilities in active devices and operating systems.



External Vulnerability Risk Assessment: Scan active university environment information (IP addresses) to discover active devices, identify operating systems, find open network ports and determine what services are running within those ports.



Web Application Assessment: Scan specific university environment information (IP addresses) and/or specific URLs to discover web application vulnerabilities and associated weaknesses using recognized standards such as the OWASP Top Ten.



Phishing Assessment: Conduct email campaigns that evaluate employee knowledge and areas of susceptibility within the university. Security awareness training modules are also provided.



Wireless Assessment: Evaluate the effectiveness and security of your wireless network implementation, including the university wireless policy wireless policy, procedure and network architecture.



Cybersecurity Policy and Procedure Assessment: Evaluate your development and management of university information security policies that align to risk-reducing controls.



Email Security Assessment: Conduct email filter system checks to evaluate the effectiveness of your email gateway content filtering and endpoint filtering controls.

Why Verizon?

As an award-winning leader in cybersecurity, we keep up with the rapidly changing nature of cyber threats by processing billions of security events each year, analyzing evolving threats at our global security operations centers, performing forensic investigations for companies around the world, and sharing our knowledge through industry-recognized content like the annual Data Breach Investigations Report.

Actionable intelligence and risk ratings from Verizon can help colleges and universities of all sizes allocate the right resources against the most dangerous threats. Consistent policy management and incident handling provide a unified view of your security posture across your serviced devices. Our experienced consultants have the knowledge to help you design and roll out your security strategy.

Learn more. To find out how Verizon Cybersecurity Assessments can help your college or university boost its security posture, contact your Education Subject Matter Expert or your Government Account Manager, or call 855-343-7283.

