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Driving excellence in higher education: unified IT & security for next-generation learning

Tackling higher education's evolving IT and security challenges

Higher education IT teams face significant pressure to meet the needs of students, faculty and staff in an environment defined by digital transformation, device proliferation and ever-growing cyber threats.

Higher education institutions must not only safeguard sensitive student and research data, but also deliver seamless, secure and responsive digital experiences. The explosion of devices, remote access, cloud initiatives and new edtech applications introduces complexity and risk — challenging IT departments to optimize, secure and future-proof campus environments without disrupting learning or research.

IT & security challenges shaping higher ed today

Device proliferation & asset management

Every university now manages thousands of endpoints — from laptops and tablets to lab equipment and IoT devices. Unmanaged or unknown devices increase vulnerability, making comprehensive asset management a fundamental initiative.

Cybersecurity risks & data protection

Higher education ranks among the top sectors targeted by cybercrime. Ransomware, phishing, privilege abcuse and malware threaten operational continuity, intellectual property and student privacy. With diverse users and open networks, ensuring robust security posture is critical.

Universities now manage an average of 45,000 endpoints across campus, increasing the attack surface and operational complexity for IT teams.[1]

85% of CIOs at higher education institutions cited cybersecurity and risk management as their top strategic technology priority.[2]

Supporting digital learning & research

Faculty and students expect fast, reliable access to campus resources — whether on-site or remote. Poor IT service and fragmented workflows frustrate users and slow innovation. IT teams struggle with manual processes and lack visibility across campus assets and services.

Cost control & resource optimization

Budget constraints and unpredictable edtech spend require smarter management. Schools must maximize existing investments, avoid cost overruns by tracking devices and software licenses and redeploy resources to high-impact areas.

The solution: Ivanti for higher education

Ivanti empowers universities and colleges to unify their IT management, boost security and streamline operations, making it easier to deliver outstanding digital experiences that catalyze learning and research.

Three-pronged approach for secure, optimized campus IT

As higher education evolves in complexity and scale, a strategic, holistic approach to IT and security is essential. Ivanti champions a three-pronged framework —

beginning with unified asset management and endpoint security — to empower institutions with resilience, visibility and agility as they future-proof campus technology and elevate the academic experience.

1. Invest in unified asset management & endpoint security

Gain continuous visibility and control across all campus devices. Automate lifecycle management and apply policy-based controls to prevent cyber threats before they disrupt education or research.

Track every asset, prevent device loss and mitigate risks from unmanaged endpoints. Then deploy robust patching, application control and privilege management campus wide.

2. Standardize IT workflows & user support

Automate IT processes to cut response times and eliminate manual effort. Deliver 360-degree views of devices, users and services — enabling your team to resolve issues faster and deliver frictionless support to faculty, researchers and students.

3. Data-driven optimization & spend intelligence

Get real-time insights into software usage, cloud spend and IT resource allocation. Pinpoint waste, avoid compliance gaps and redirect budget to drive innovation.

Ivanti higher education solution benefits

- ✓ Protect critical data and intellectual property with a comprehensive, AI-powered security framework.

- ✓ Reduce IT complexity and downtime through unified asset and endpoint management.

- ✓ Enhance user experience for faculty, staff and students with faster, smarter support and frictionless device access.

- ✓ Lower operational costs by mitigating device loss, automating processes and optimizing software licensing.

- ✓ Enable innovation by freeing IT staff to focus on value-added activities, supporting teaching, research and campus initiatives.

Leading-edge solutions for higher education IT

To empower higher education IT teams with security, efficiency and visibility, Ivanti offers a suite of integrated solutions tailored for university environments. Discover how these tools streamline campus operations, protect sensitive data and enhance digital experiences for students, faculty and staff.

Ivanti Neurons for ITSM

- Automates IT service delivery to boost support performance and efficiency for faculty, staff and students.
- Streamlines and accelerates workflows with enhanced automation — minimizing manual intervention and reducing resolution times.
- Empowers end users with self-service and voice-driven support, improving satisfaction and freeing IT resources for strategic initiatives.

Ivanti Neurons for ITAM

- Consolidates asset data to enable centralized tracking, configuration and optimization throughout the asset lifecycle.
- Prevents device loss and waste by maintaining visibility of hardware and software investments campus wide.
- Supports strategic planning and budget control through granular, real-time asset management.

Endpoint Security

- Defends campus systems against sophisticated threats with layered, hardened security posture.
- Delivers comprehensive patch management, application/device control and privilege management to prevent breaches.
- Strengthens regulatory compliance and protects sensitive student, faculty and research data.

Ivanti Neurons for Discovery

- Automatically identifies and inventories all connected assets across campus, ensuring no device or service goes unnoticed.
- Maps relationships between assets and the applications/services that rely on them, safeguarding continuity and security.
- Provides rapid, actionable insights to help IT eliminate blind spots and proactively manage campus infrastructure.

Endpoint Manager

- Centrally manages and deploys Windows, Mac, iOS and Android devices, whether on or off campus networks.
- Automates configuration and updates for minimal disruption, reducing IT workload and downtime.
- Simplifies compliance and policy enforcement across all endpoints for robust protection and reliable performance.

Ivanti Neurons Workspace

- Provides IT teams with a unified, 360-degree view of devices, users and applications for faster issue resolution and improved support.
- Enhances the user experience by enabling proactive, informed troubleshooting across the institution.
- Reduces complexity so IT staff can focus on strategic priorities that support teaching, learning, and innovation.

Championing higher education transformation

From lecture halls to remote classrooms — Ivanti's higher education solutions help IT teams know what's on the network, make sense of complex asset data and fix issues quickly. Universities and colleges worldwide trust Ivanti to elevate student, faculty and staff experiences:

Kingston University London

"...now we can devote the skills of our experienced staff to more value-added activities – supporting education or research."

Simon Harrison
CIO, Kingston University

AMERICAN UNIVERSITY WASHINGTON. DC

"...it was able to scale up sixfold and still maintain a usable user experience and throughput. Man, I'm impressed!"

Eric Weakland
Director of Information Security, American University

DEAKIN UNIVERSITY

"...we would receive an average of 12 reimaging requests per week — all of which involved a time-consuming physical visit. The time we're saving allows us to focus on other aspects of system security instead."

Craig Warren
Executive Director of ICT
Infrastructure Services, Deakin University

Ready to graduate to a higher level of IT management?

Empower your campus with solutions that secure, streamline and revolutionize the learning ecosystem. Discover how Ivanti can help your institution deliver A+ IT results.

Learn more

Book a demo

About Ivanti

Ivanti is a global enterprise IT and security software company dedicated to unlocking human potential by managing, automating and protecting data and systems to empower continuous innovation. With adaptable software solutions tailored to customer needs, Ivanti empowers IT and security teams to enhance operational efficiency, cut costs and proactively mitigate security risks. At the heart of Ivanti's offerings is the AI-powered Ivanti Neurons platform, which transforms the way IT and security teams operate. By delivering unified, reusable services and tools, the platform helps ensure consistent visibility, scalability, and secure solution implementation, enabling teams to work smarter, not harder. Over 34,000 customers, including 85 of the Fortune 100, have chosen Ivanti to meet their challenges. Ivanti follows "Secure by Design" principles to provide software solutions that scale with our customers' needs to help enable IT and Security to improve operational efficiency while reducing costs and proactively reducing risk. Ivanti fosters an inclusive environment where diverse perspectives are honored and valued, reflecting a commitment to a sustainable future for customers, partners, employees and the planet. Learn more at ivanti.com and follow us on social media @GoIvanti.

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For more information, or to contact Ivanti, please visit ivanti.com.

1. https://www.forrester.com/research/
2. https://www.bitlyft.com/resources/top-cybersecurity-threats-facing-higher-education-institutions.