

SOLUTION BRIEF

Higher Education Cyber Range **Solutions**

The cybersecurity industry faces a critical skills gap. While academic programs provide theoretical knowledge, graduates often lack the hands-on experience and familiarity with enterprise security tools required by employers. Furthermore, faculty spend excessive time building and managing lab environments instead of teaching.

SimSpace equips universities with a live, high-fidelity cyber range where students gain practical experience through live-fire exercises mirroring real-world attacks. By providing realistic lab environments, enterprise tool integrations, and automated performance grading, SimSpace empowers educators to focus on teaching. Institutions can graduate students prepared for an AI-driven workforce while securing measurable data to win research grants.

Bridge the gap between academic theory and workforce readiness with realistic cyber range technology that empowers faculty, advances research, and produces **AI-ready graduates.**



KEY CAPABILITIES

Hands-On Workforce Readiness

SimSpace transforms theory into practice by providing students with immersive, live-fire exercises in secure, realistic environments. Students build muscle memory by defending against real threats and gain familiarity with integrated enterprise-grade tools, ensuring they are workforce-ready upon graduation.

Faculty Empowerment

It's time we relieve professors from acting as system administrators. With SimSpace, faculty can utilize ready-made threat scenarios, customizable labs, and real-time performance tracking. Automated grading and alignment with NIST/NICE and CAE frameworks streamline course delivery and assessments, allowing educators to focus on teaching.

Research & Innovation Enablement

SimSpace turns simulation into science for research institutions. The platform provides a safe, scalable ecosystem for testing novel tools, prototyping defense strategies, and evaluating AI models. Every exercise generates quantifiable performance metrics that validate hypotheses and provide the hard data needed to win research grants.

Results



Graduate AI workforce-ready students



Gain demonstrable metrics for research & grant requirements



Enhance faculty productivity & efficiency



Align cybersecurity curricula to industry standard frameworks

See Your Higher Education Cyber Range in Action

To talk to a higher education cybersecurity expert, schedule a demo today.

