



USE CASE: KSI-2100 HRPB-23 for Higher Education Environments

Passwordless Access for Students, Faculty, and Staff

Environment

Higher education institutions support a diverse mix of users — students, faculty, adjunct instructors, IT staff, and administrative personnel — who access shared workstations across libraries, computer labs, classrooms, healthcare training facilities, and administrative offices.

These environments demand:

- Fast access between classes
- Strong identity assurance
- Compliance with privacy regulations
- Protection against unattended sessions

Traditional username and password logins struggle to meet these needs at scale.

The Challenge

Higher Ed IT teams face a growing set of risks:

- Shared workstation exposure in labs and libraries
- Unattended sessions left logged in between users
- Credential sharing and password reuse among students and staff
- Phishing
- Increased compliance pressure around student and staff data
- Login friction that disrupts workflow and productivity

Passwords alone introduce both security gaps and operational inefficiencies — especially in environments with rapid user turnover.



KEYS TO SECURITY

Putting the spotlight on today's most pressing cybersecurity challenges and innovations

The Solution

Passwordless authentication using the FIDO-ready KSI-2100 Series keyboard, paired with campus-approved identity credentials and access platforms. The KSI-2100 enables:

- ◆ Phishing-resistant, passwordless login
- ◆ Fast user switching on shared workstations
- ◆ Strong device-based authentication
- ◆ Physical presence confirmation at the point of login

When integrated with enterprise access platforms and FIDO-based security keys, institutions can unify physical and logical access under a single trusted identity framework.

How It Works

- ⇒ User approaches a shared workstation
- ⇒ Authentication is initiated via FIDO-based physical security key, smartcard, and/or mobile device
- ⇒ Identity is verified without passwords
- ⇒ Access is granted only while the authenticated user is present
- ⇒ Session ends automatically when the user leaves via integrated KSI PresenceLock™

The flow minimizes exposure and eliminates reliance on memorized passwords.

Key Benefits for Higher Education

Enhanced Security

- ◆ Phishing-resistant authentication
- ◆ No passwords to steal, reuse, or share

Operational Efficiency

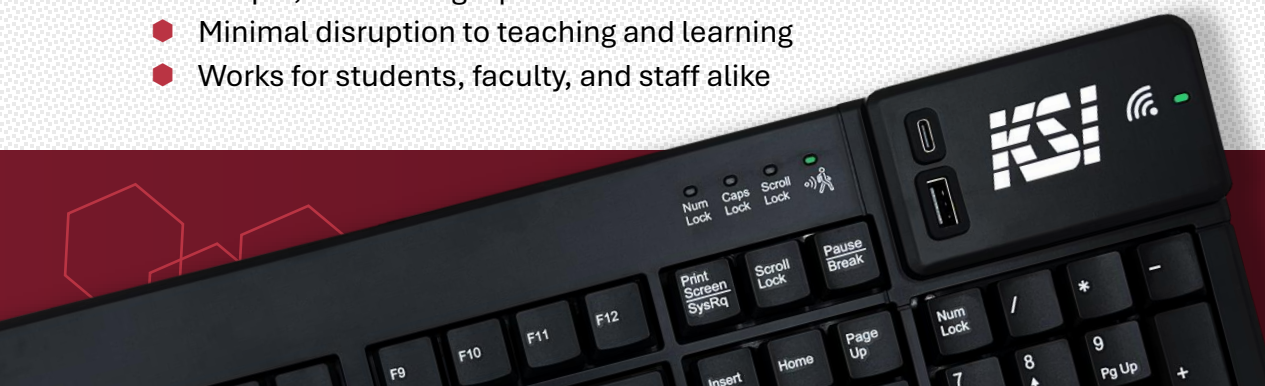
- ◆ Faster logins between classes
- ◆ No password resets or lockouts
- ◆ Streamlined workflows includes mobile access

Improved Compliance Posture

- ◆ Supports FERPA-aligned access controls
- ◆ Reduces accidental data exposure
- ◆ Strengthens audit readiness

Better User Experience

- ◆ Simple, intuitive login process
- ◆ Minimal disruption to teaching and learning
- ◆ Works for students, faculty, and staff alike



Why the KSI-2100

The KSI-2100 is purpose-built for secure, shared environments common in Higher Ed:

- ◆ FIDO-ready architecture for modern passwordless authentication
- ◆ Designed for multi-user workstations
- ◆ Hardware-level trust at the keyboard — the first point of interaction
- ◆ Long lifecycle suited for campus deployments

Unlike consumer peripherals, the KSI-2100 is engineered for institutional security requirements and commercial deployment.

Ideal Use Cases on Campus

- ◆ Computer labs
- ◆ Libraries
- ◆ Administrative offices
- ◆ Registrar and financial aid workstations
- ◆ Student service counters
- ◆ Faculty shared teaching stations



Summary

Higher education environments require a balance of strong security, fast access, and usability. Passwordless authentication with the FIDO-ready KSI-2100 enables institutions to protect shared workstations without slowing down students or staff.

By eliminating passwords, providing strong authentication at login, and protecting against unattended workstations, campuses can reduce risk, improve compliance, and deliver a better digital experience across the institution.

Phishing-resistant access is no longer optional in higher education.

Contact us to explore passwordless access for your campus.



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PresenceLock™