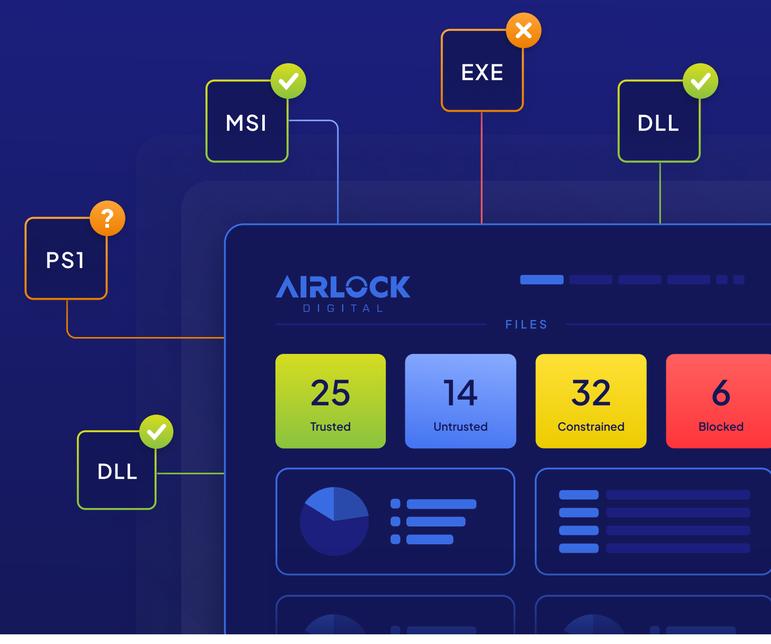
AIRLOCK DIGITAL

Precision Application Control

Modern Endpoint Security for Higher Education



Higher education institutions manage sensitive student data, cutting-edge research, and critical IT infrastructure, making them prime targets for cyber threats. Airlock Digital provides a Deny by Default application control solution designed to protect university IT environments, research networks, and administrative systems from ransomware, malware, and unauthorized applications. By securing endpoints across campus networks, Airlock Digital reduces risk, enhances compliance, and strengthens cybersecurity resilience for educational organizations.

Proactive Security with a “Deny by Default” Model

Airlock Digital enforces a **Deny by Default** security posture, ensuring strict execution control over all university-managed endpoints.

- **Prevent malware, ransomware, and unauthorized software** from compromising research and student data.
- **Secure mission-critical university systems** by restricting execution to only pre-approved applications.
- **Reduce insider threats** by implementing granular control over application execution.
- **Secure air-gapped and offline research** environments and endpoints.

Comprehensive Security for Higher Education IT & Research

Universities depend on a mix of **modern IT, legacy systems**, and **high-performance computing infrastructure** to support teaching, learning, and research. Airlock Digital secures these environments without disrupting academic operations.

- **Comprehensive Endpoint Security:** Protect Windows, macOS, Linux, and legacy systems used across university departments and research centers.
- **Granular Application Control:** Define trusted applications via hash, path, publisher, or parent process for precise execution control.
- **Real-Time Monitoring & Visibility:** Gain full visibility into application execution and security events across campus networks.
- **Secure Cloud & On-Prem Integration:** Deploy within university data centers, hybrid cloud, and high-performance computing clusters.

Ensuring Compliance with Higher Education Cybersecurity Mandates

Airlock Digital enables higher education institutions to enforce regulatory and statutory cybersecurity requirements while maintaining operational continuity and academic freedom.

NIST NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY U.S. DEPARTMENT OF COMMERCE

Cybersecurity Framework (CSF)

FERPA

Family Educational Rights and Privacy Act

ISO/IEC 27001

International Organization for Standardization

CMMC 2.0

For University Research Contracts

HIPAA

United States DHS **Health Insurance Portability and Accountability Act**

Airlock Digital: Features at a Glance

Real-Time Threat Prevention	Block malware, ransomware, and unauthorized applications before they can impact university operations.
Broad OS & Legacy System Support	Secure modern and legacy Windows, macOS, Linux, and high-performance computing systems used in research and education.
Granular Application Control	Precisely define trusted applications, scripts, and processes for total execution control.
Application Blocklisting	Prevent Living off the Land (LOTL) attacks by explicitly blocking unauthorized scripts and high-risk system tools.
Offline Mode Protection	Ensure security for air-gapped and isolated research networks with full execution control even without internet connectivity.
Unified, Scalable Security Management	Manage security policies across campus IT, research labs, and administrative systems from a centralized platform.
Detailed Reporting & Audit Trails	Maintain complete, immutable logs of execution events, policy changes, and security incidents to support compliance audits and forensic investigations.

Airlock Digital: Foundational Cyber Resilience for Higher Education

Available as an **on-premises solution, deployed in university clouds**, or as a **secure managed service**, Airlock Digital enables colleges, universities, and research institutions to prevent cyber threats, meet compliance mandates, and maintain uninterrupted academic operations.

To learn more about securing your higher education environment, visit AirlockDigital.com or contact our education sector sales team at **sales@airlockdigital.com**.



AVAILABLE FOR

Windows™ | Linux® | macOS™

Scan to request a demo

Book a demo to explore how Airlock Allowlisting and Execution Control will help your business

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