



Higher
Education
Solutions
from
HID Global

Trusted Identity Solutions
for Institutions of Higher Education





“Thank you for your interest in solutions for Higher Education from HID Global. This guide contains a wealth of information on our products to help your decision-making process.”

HID Global

Powering Trusted Identities in Higher Education

HID Global powers the trusted identities of people, places and things of higher education institutions by providing a suite of solutions that improve campus safety while helping create a more connected university.

From cloud-based card printing to access control solutions that support mobile credentials, HID is on a mission to ensure that colleges and universities around the globe can keep students and faculty safe. Our portfolio is designed to help campus administrators meet the security needs of today, while ensuring students receive a connected experience that can scale for the future.

Solutions from HID Global offer superior quality and value. Our products are designed and built in ISO 9001 certified facilities, include worldwide agency certifications and are backed by global product warranties. Supported by decades of industry-leading experience and the strongest delivery and response platform available, our higher education solutions reinforce the long-standing trust in HID Global. When customers purchase our products, they invest with absolute confidence in solutions that meet their unique identity needs.

Feel free to contact us

with questions at insidesales@hidglobal.com

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Solutions from the World's Leader in Access Control

Access control solutions that can be tailored for any use case, big or small

A college campus is a collective community that creates an ideal student experience from its multi-faceted parts. Each of these parts, however, has unique needs. For example, residence halls, classrooms, laboratories, athletic facilities, dining halls, computer labs, performance spaces and administrative offices all have different touchpoints and corresponding security requirements.

As recruiting becomes increasingly competitive, colleges and universities are investing more resources to create unique student experiences. Yet many campuses continue to leverage legacy access control technology that is rife with vulnerabilities, creating a frustrating student experience that does not scale for the future.

Access control solutions from HID Global are designed to help higher education institutions implement their systems quickly and cost-effectively.

“Moreover, HID Signo Readers are simple to order and install, making the implementation process easy for everyone.”

Best-in-Class Reader Technology

Readers available in all shapes and sizes to meet your unique needs

Our selection of readers from the widest global network of channel partners allows campus security professionals to increase security today and meet the needs of tomorrow. Installing modern HID readers will introduce support of NFC and Bluetooth, as well as provide opportunities beyond traditional building access control for students and faculty to seamlessly access residence halls, libraries, sporting events and more.

HID Signo™ Readers

HID Signo is the signature line of access control readers from HID Global. Featuring a sleek, upscale design, HID Signo Readers extend HID's tradition of best-in-class performance while adding innovative features to keep campuses secure.

- **Highly Versatile:** Support for the widest range of credential technologies, including HID Mobile Access® via native Bluetooth and Near Field Communication (NFC) capabilities plus Apple's Enhanced Contactless Polling (ECP) to support credentials in Apple Wallet.
- **Unparalleled Performance:** Ultra-secure storage of cryptographic keys on certified (EAL5+) secure element hardware, plus a new surface detection feature that allows the reader to automatically recalibrate and optimize read range performance.
- **Connected to the Future:** All readers include out-of-the-box support for Open Supervised Device Protocol (OSDP) for secure bidirectional communication. Each reader is also designed to be connected and managed remotely without “sneakernet” or needing to be physically touched.



iCLASS SE® and multiCLASS® SE Readers

iCLASS SE and multiCLASS SE Readers are ideal for upgrades to existing access control systems as they support a broad range of credential technologies to maintain backward compatibility as well as scale for future security needs. These readers are also a solid option for colleges and universities that require the use of Magnetic Stripe for the foreseeable future. Both iCLASS SE and multiCLASS SE Readers support NFC and Bluetooth to enable mobile access and the use of Seos® and MIFARE® DESFire® credential technologies.

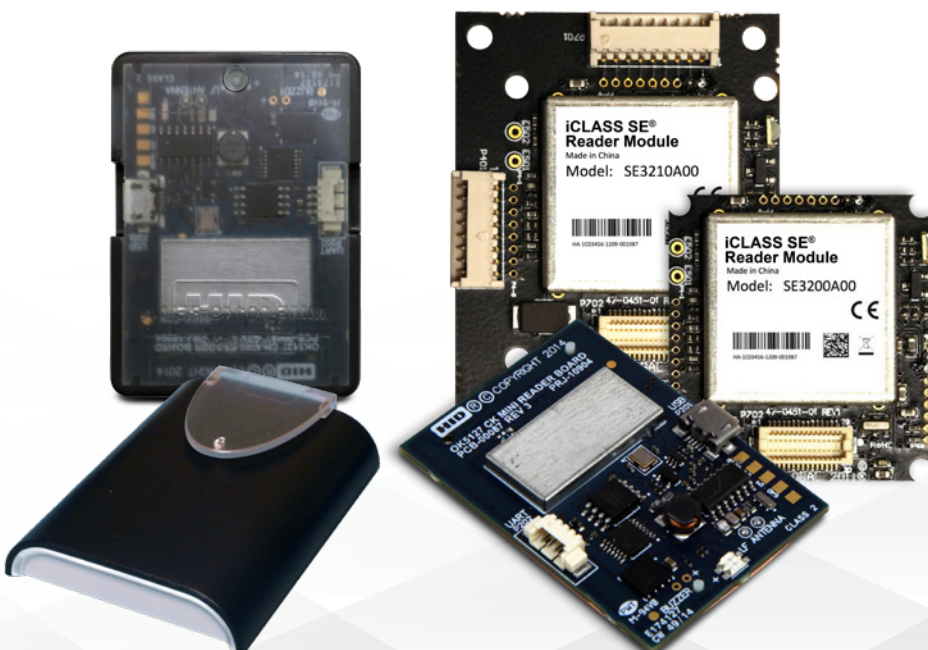
OMNIKEY® Readers and Embedded Reader Modules

Students and faculty need access to more than just doors. In fact, campus patrons need to access dozens of items and locations daily, including gyms, secure printing, parking and more—all with one card or mobile device.

OMNIKEY Readers from HID Global, as well as the iCLASS SE Embedded Reader Module, ensure every application on campus or off campus meets the students' desire to use their card or mobile device to gain access, making a truly connected university experience a possibility.

This is technologically achieved via wide credential technology support, including both high and low frequency credentials, as well as support for HID Mobile Access. Furthermore, OMNIKEY Readers and the iCLASS SE Embedded Reader Module opens the door for use across a wide range of locations, including check-in stations, offices with space constraints and even at sites that require handheld readers

“Students and faculty need access to more than just doors.”



HID Mobile Access®

Access doors, networks and more with a mobile device

Today's students are tethered to their phones. From smart phones to wearables and tablets, mobile devices are ever present in today's environment, always on, and serve a variety of purposes. Mobile credentials are now the go-to technology, offering convenience, efficiency, and security and is a logical step in the evolution of access control in higher education.

HID Mobile Access, which leverages Seos as its underlying credential technology, empowers institutions to provide:

- **User Convenience**—Students and faculty are no longer required to carry a card to access facilities and can instead use their go-to mobile device. With HID Mobile Access®, students and faculty can now use their smartphone, tablet or wearable to access doors, gates, and more.
- **Operational Efficiencies and Cost Effectiveness**—HID Mobile Access is supported by HID Origo™ Mobile Identities, an API-based, highly stable online management portal where administrators can create, manage, issue and revoke credentials through the cloud. Subscription billing provides institutions a more predictable cost structure as user licenses are added or removed.
- **Increased Security**—HID Mobile Access is delivered through HID Origo, HID's highly secure and reliable cloud platform, which is backed with a service level agreement of 99.5% availability. Even more, the solution is powered by Seos credential technology and follows best practices in data integrity to bind each mobile ID to the device and protect the data at rest and in motion.

Beyond these key benefits, HID Mobile Access is highly customizable to integrate into a larger university experience. For example, universities can use the HID Mobile Access app's SDK to fully and privately integrate the solution into their larger university-branded app and student-life experience.

Choice and Flexibility in Credential Technologies

HID provides a broad range of support for credential technologies and migration

Most campuses require different levels of authentication for different applications, including differing needs for classrooms, research labs and residence halls. Pair that with the fact that buildings are opened within years of each other and you often see a broad range of credential needs at one university alone.

This is why HID offers the broadest range of credentials, including HID Prox, iCLASS, MIFARE DESFire, Magnetic Stripe, Seos and many more. We also provide the freedom to choose the right form factor for your needs, including cards, fobs, tags and mobile devices.

HID's advanced design and manufacturing capabilities offer you the ability to leverage multi-technology credentials to ease upgrade transitions and support a vast array of applications.



To further meet your needs, HID also offers format and key management programs to streamline the issuance and security of credentials:

- **Corporate 1000®**—By providing each customer with a unique, managed credential format, the Corporate 1000 program eliminates the possibility of accidental duplicates and mitigates the risk of intentional forgeries.
- **HID Elite™**—The HID Elite program offers each customer a custom authentication keyset and chain-of-custody control, so credentials work only with the readers installed at the college/university campus.
- HID also offers card personalization services, including custom artwork.

Controllers from HID

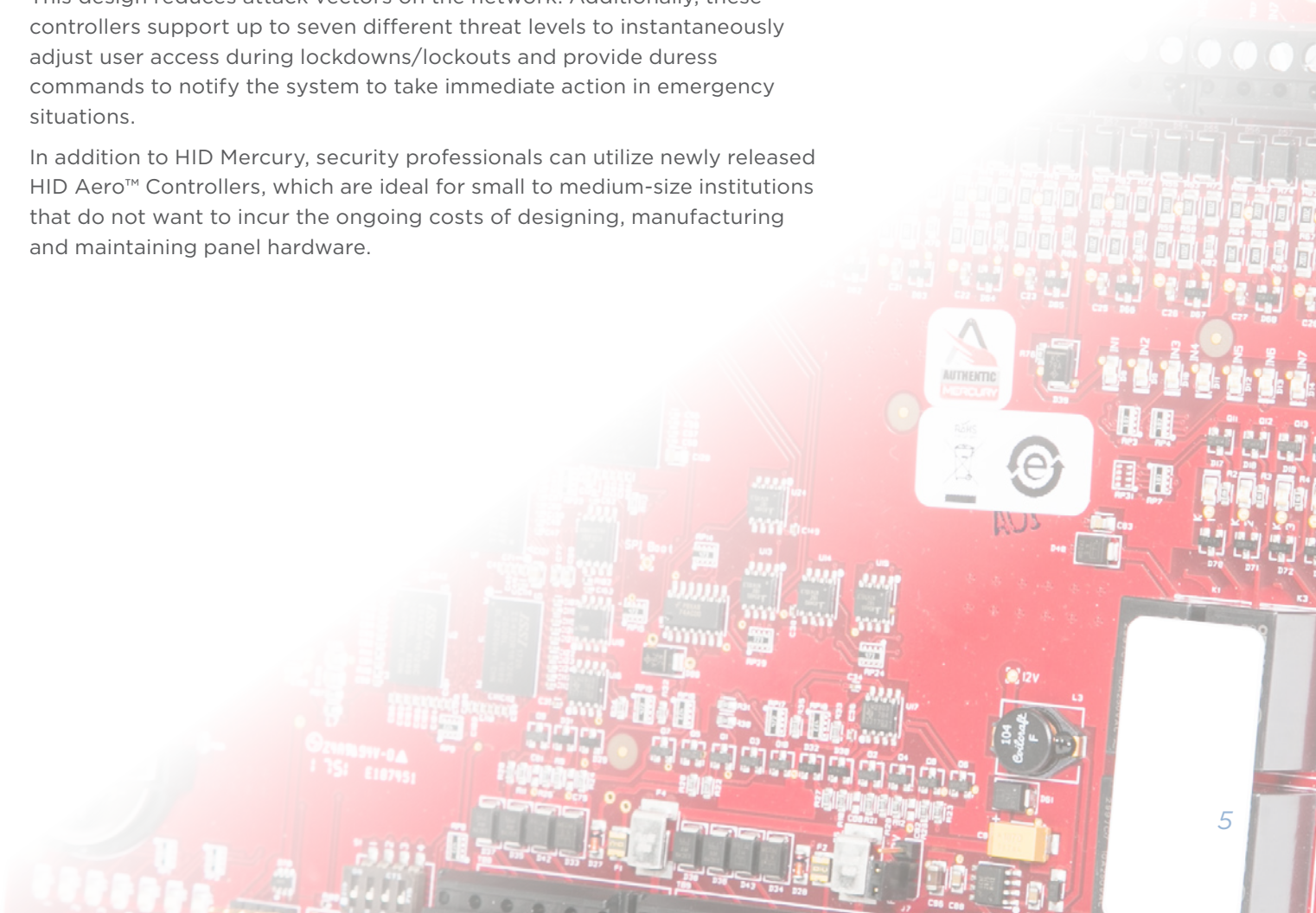
A flexible range of controllers built with openness in mind

Higher education institutions require a certain degree of flexibility to meet their unique needs in the increasingly demanding world of facility security and access control.

HID Mercury™ Controllers are built on an open platform to deliver quality assurance derived from the most proven and reliable hardware in the industry. HID Mercury products are built on open architecture—the key for ensuring flexibility, increased ROI, scalability and cyber security throughout the lifecycle of a college or university’s access control system.

HID Mercury hardware is built to support a variety of secure communication protocols, such as OSDP secure channel, to protect the reader/controller interface and TLS running in a FIPS140-2 approved operating environment. This design reduces attack vectors on the network. Additionally, these controllers support up to seven different threat levels to instantaneously adjust user access during lockdowns/lockouts and provide duress commands to notify the system to take immediate action in emergency situations.

In addition to HID Mercury, security professionals can utilize newly released HID Aero™ Controllers, which are ideal for small to medium-size institutions that do not want to incur the ongoing costs of designing, manufacturing and maintaining panel hardware.



Secure, Cloud-Based Card Printing Solutions

The world's broadest portfolio of advanced generation ID card printers and encoders

Student ID cards continue to serve a foundational purpose for colleges and universities of all sizes. From verifying identities on campus to receiving student discounts off campus, a personalized student ID card is a rite of passage for many students and is critical to their navigation of the college experience. Oftentimes, however, the ID center struggles to keep up with demand.

To help meet card issuance needs of all sizes, HID Global's wide range of solutions includes everything from plug and play, entry level printers to the most sophisticated printing and encoding solutions, enabling the highest level of identity security. Our Direct-to-Card (DTC™) and High Definition Printing (HDP®) card printers can be used to create full-color secure ID cards, visitor badges and more with the reliability you would expect from HID.

With efficiency in mind for students and campus card administrators alike, HID also offers a cloud-based ID card printing solution to simplify the management and delivery of ID cards, helping to reduce overall costs for the ID center and corresponding wait times.

"HID Global's wide range of solutions includes everything from plug and play, entry level printers to the most sophisticated printing and encoding solutions, enabling the highest level of identity security."

HID FARGO Connect™

Helping to centralize, optimize, and secure your ID Card Issuance Office

HID Global's FARGO Connect is a revolutionary way to issue ID cards, campus cards and other secure credentials—both physical and virtual. HID FARGO Connect brings all the elements of a card issuance program together in a centralized, integrated system. By combining hardware, software, consumables, and services, the solution simplifies the operation and support of a high-volume ID card issuance office while increasing control and security.

Through a secure cloud-based platform, HID FARGO Connect does away with the old paradigm of stand-alone card printers tied to dedicated PC workstations. The platform ensures security while also providing the simplicity and versatility of a web-enabled issuance solution. Even more, HID FARGO Connect integrates with HID SAFE™ and has the ability to issue mobile IDs.

HID FARGO printers have become smart, secure, web-enabled printers capable of leveraging all of the functionality of the platform. Card printers can be installed anywhere, including remote offices and satellite campuses, and cards can be sent to any of these printers.

For moments of peak demand, large batches of cards can be produced and mailed by our commercial printing bureau to minimize staff time wasted waiting for cards to print locally.

View printer status, print queues and manage print jobs

User-friendly video tutorials

Plug-and-play set-up

Secure edge device

Secure Print user authentication

No dedicated PC or printer drivers required

Consumables status

Future-ready platform



HID FARGO® Card Printers

Reliable, affordable printers to meet your security level, volume and aesthetic needs

Card issuance offices need high-performing, reliable printers to keep up with demand, both during peak times and to quickly reissue lost or stolen cards. Thanks to HID's robust line of card printers, schools of any size can produce extremely durable credentials quickly and easily.

High Definition ID Card Printers

Designed for medium and large universities, the HID FARGO HDP6600 printer and encoder combines innovative, never-seen-before features and patent-pending technology with unprecedented print speeds—making it the most advanced, efficient and fastest desktop-based retransfer printer available on the market today.

This high-caliber machine can print up to 230 cards per hour, and features innovative “instant on”, or iON™, technology for image transfer and lamination. The HDP6600 also includes support for high-yield, full-color ribbon and laminate consumables to keep costs at a minimum while maximizing productivity. Even more, the HDP6600 produces ID cards with the highest image and text quality available, with encoding options available to produce highly secure contact and contactless smart cards to meet specific needs.

Direct-to-Card ID Card Printers

HID FARGO Direct-to-Card (DTC) printers provide simple, reliable and affordable photo ID card personalization. Well-suited for colleges or card offices with lower-volume needs, both the DTC1500 ID card printer and encoder and DTC5500LMX ID card printer and laminator allow users to print highly personalized, visually rich ID cards. Users can also print and encode physical access credentials in a single, seamless step.



Credential Personalization Solutions

Convenient, efficient personalization solutions for contactless credentials

HID Global offers highly versatile personalization solutions that allow colleges and universities to conveniently print personalized contactless cards in the field while enabling an easy migration path from one card technology to another. From an advanced encoder platform to card personalization software, we provide everything you need to design a card template for stand-alone encoding or in-line personalization.

HID CP1000 iCLASS SE Encoder

Our core credential programming platform, the CP1000 iCLASS SE encoder, is a dynamic solution that supports a wide range of credential technologies that are interoperable with iCLASS SE and HID Signo Readers from a single encoder. These technologies include Seos, iCLASS SE, iCLASS, HID Prox, MIFARE Classic and MIFARE DESFire EV1. The iCLASS SE Encoder solution is available as a desktop device as the CP1000 or as an in-line encoder within an HID FARGO card printer.

Asure ID™ Card Personalization Software

HID Global's Asure ID card personalization software is a fresh approach to effectively produce personalized student and faculty IDs. The software provides everything needed to design and populate a card in a crisp, clean environment that allows users to glide from data entry to card design to printing and reporting. Asure ID comes in four editions in increasing levels of sophistication, so whether your organization is making simple photo IDs or issuing highly secure contactless smart card credentials, Asure ID has a solution right for you.

“HID SAFE Enterprise is a web-based solution that allows institutions to manage the lifecycle of identities.”

Physical Identity and Access Management Solutions

Centralized, streamlined identity management for everyone on campus

Today's colleges and universities are tasked with managing the physical identities of not only their students and faculty, but a range of third parties including contractors, vendors, customers and visitors.

Managing multiple identity types can be frustrating. Typically, identity data is kept in disparate systems, making it necessary to manage identities and their physical access manually, often by different teams (e.g. employees and contractors, security departments, general managers).

HID SAFE

HID SAFE Enterprise is a web-based solution that allows institutions to manage the lifecycle of identities and their authorization for physical access. It is a highly scalable platform that automates key processes and simplifies control of all identities—students, faculty, contractors, vendors and visitors—across campus to ensure each identity has the right access, to the right areas, for the right length of time.

For colleges and universities, HID SAFE allows security professionals:

- To digitally transform the student ID and visitor ID registration process for a great first impression
- To simply manage and create contactless campus access credentials (mobile and card) for everyone—students, faculty and visitors
- To improve operations with streamlined and automated access control identity management processes
- To quickly identify and act on campus physical security threats with machine learning-based security analytics and real-time notifications

Visitor Management Solutions

Efficiently improve the visitor experience across campus facilities

Colleges and universities receive a daily influx of visitors across their facilities, which means administrators need a way to streamline their registration and credentialing. To solve this problem, HID offers visitor management solutions for various shapes and sizes, including:

- **EasyLobby SVM**
EasyLobby provides workflows that satisfy best practices for a model visitor management program. End users can configure most workflows to meet their organizational or building-specific security and operational needs.
- **HID SAFE Visitor Manager**
HID SAFE extends the best practices supported in EasyLobby with the ability to design custom workflows to meet any need.

“HID visitor management solutions help you make a great impression with streamlined check-in, automated notifications and increased efficiency.”



Multi-Factor Authentication for Windows Log-on and SSO

Multi-Factor Everywhere

Colleges and universities are not immune to the threat of cyber criminals stealing data or identities. Malicious actors are using email phishing techniques to prey on the practice of allowing weak passwords to log into Windows and web-based services. Cyber breaches are not only a public relations nightmare, but could result in financial harm to the university, release of personal identifiable information (PII) and/or stolen national research data.

A best practice for higher education institutions is to mandate multi-factor authentication, requiring something you know (a PIN/password), something you have (your physical access technology or mobile device) and/or something you are (biometrics or behavior) to access assets within an IT network. HID Global allows both your staff and students to securely access IT resources by utilizing their physical access credential as part of a multi-factor solution.

HID Global protects access to your client machines, network infrastructure, websites, Azure and Office 365 by simply and securely providing multi-factor authentication for both staff and students. Furthermore, HID Global also provides solutions to facilitate the signing and encryption of emails along with other sensitive information while securing access to single sign-on (SSO) applications.

HID ActivOne®

Whether using one of HID Global's building access control credentials as the authenticator for Windows log-on authenticator, or pairing that credential with a biometric signature or one-time password to achieve 2-factor authentication, HID's ActivOne software, credentials, authenticator choices and services offer the most comprehensive arsenal of multi-factor authentication (MFA) solutions to equip IT professionals with the right weapons to prevent phishing attacks.

“Securely provide multi-factor authentication for both staff and students.”



Real-Time Location Services

Creating a safer environment through real-time location data

To address the challenges of today's dynamic campus, it's imperative to have access to real-time information to optimize safety, deliver on compliance, and reduce facility costs — while creating a better student, faculty and visitor experience. HID Location Services is a turnkey solution that delivers actionable data of the location of people and assets, and scales based on the need and application.

It allows organizations to know when people enter or exit the building, easily understand occupancy on the building, floor or room level, set up virtual security zones and automated alerts or alarms for violations, and locate building occupants in the event of an emergency.

HID Location Services allows campus security professionals to:

- Boost security with virtual zones and alerts
- Improve crisis management with emergency situation location
- Increase safety and meet compliance by tracking building entry and exit
- Optimize and refine resource allocation based on occupancy data analysis

This technology is helpful for a variety of use cases, with specific importance for university health care institutions, such as clinics, research facilities and hospitals.

“We understand that your number one priority is to protect the members of your community— it’s our number one priority to do the same.”

Trusted Identities Powered by Trusted Experts

Our team is here to help every step of the way

The landscape of security in higher education has drastically changed over the past two decades. Between planning responses to active shooter events, protecting against cloned credentials, and so much more, it is difficult for security professionals to keep up with their day-to-day responsibilities, much less plan and implement a technology upgrade.

Our team of higher education experts, along with our extensive partner network, is here to help every step along the upgrade path. We can help you identify exactly what technology is required, guide your upgrade plan, and ensure that the implementation process is as minimally disruptive as possible.

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