



HID Physical Access Control Solutions (PACS)

Open a World of Security and Convenience





The World Leader in Access Control Technology

For decades, HID has helped millions of people easily access offices, classrooms, stores and hospitals and more. From entry-level smart cards to cutting-edge mobile access solutions, our mission is to protect your premises, assets, and most importantly, your people, through our technology and expertise.

Modern physical security is more complex and critical than ever. Organizations face a staggering array of evolving threats and ever-changing work models. At the same time, employees and visitors are demanding simple, intuitive user experiences. Our comprehensive range of flexible, innovative and scalable solutions are designed to help your organization successfully bridge the gap between convenience and security.



Explore Our Offerings

We help organizations around the world increase convenience, boost efficiency and maximize security through our access control solutions. Featuring powerful hardware that's built on best-in-class technologies, these comprehensive systems deliver high performance from credential to controller — and are easy to install, integrate and maintain.

MOBILE-FIRST SOLUTIONS

HID Mobile Access® unlocks a world of possibilities — simply and securely — by turning mobile devices into digital credentials, replacing or supplementing traditional cards or fobs. These digital credentials are kept safe with best-in-class data encryption, while iOS and Android support ensures an experience that's familiar, seamless and smooth for every user.

HID Mobile Access is also available in a variety of smartphone wallets, giving users the convenience of using the same app for all their payment and access control needs — and the additional security and privacy of the features built into their mobile phone.

Expansive Array of Cards and Credentials

We offer a wide range of credentials and cards to suit different needs and environments, from traditional proximity cards to state-of-the-art smart cards and mobile IDs. Experience the utmost protection against unauthorized access via multi-factor authentication, encryption and tamper-resistant features. Our credential portfolio includes a wide variety of technologies, as well as different form factors:

SEOS®

Ultra secure, mobile-ready, next generation credential technology

HID ECO CARDS

First-of-its-kind, sustainable bamboo card utilizing Seos technology.

iCLASS

High-frequency contactless smart cards, tags and fobs with the option to support the Secure Identity Object™ (SIO) data storage and transport protocol

SECURE KEYS

Custom authentication credentials using the Corporate 1000 and Elite Key formats for advanced security

MIFARE® DESfire® EV3

Feature-rich implementation of DESFire EV3 credentials



High-Performance Readers

Our readers are designed to elevate access control without compromising on design, security or convenience. Supporting numerous standard credential types (including HID Mobile Access), they are built to integrate seamlessly into existing systems. Readers include:

SIGNO

Our signature line of readers combine future-proof technology with modern design for reliable performance with an unmatched range of credentials

iCLASS SE READERS

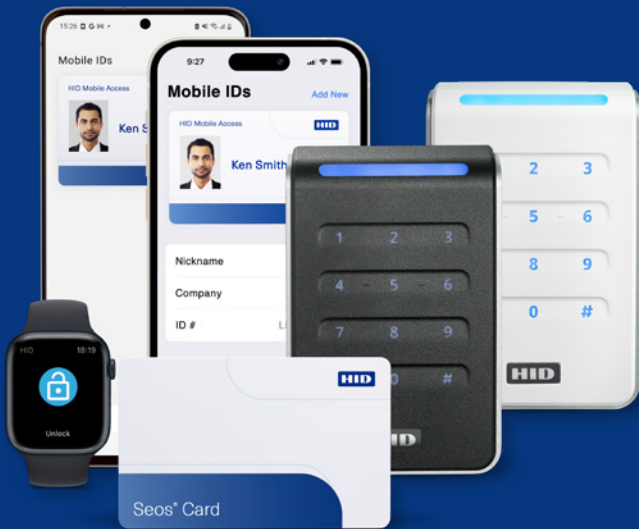
Secure, high-frequency, Bluetooth (BLE) enabled platform that supports a wide range of credential technologies



Your Choice of Management Platform

Unlike access control providers that only support their own hardware through proprietary software, HID relies on an open architecture that's designed to work with a variety of vendors.

We've partnered with some of the world's most trusted security providers to offer our customers choice and convenience — and the ability to integrate easily with other security systems, like CCTV and fire alarms.



Intelligent Controllers

Our networked access controllers feature scalable and modular designs, integrating easily with existing infrastructure and systems. They also offer advanced encryption and tamper detection, as well as support for the global open access control standard, OSDP (Open Supervised Device Protocol) for bidirectional communication and more. Controller options include:

HID AERO

A robust, API-ready, IP-based controller that offers sophisticated threat detection. Ideal for organizations that do not want to incur the ongoing costs of designing, manufacturing and maintaining panel hardware.

MERCURY

An advanced access control panel that runs on embedded Linux and offers an improved processor and increased memory for high performance and functionality. Ideal for Enterprise applications, the controllers include an embedded crypto memory chip that protects sensitive data with an additional layer of encryption.

Why Choose HID?

HID is the global leader in access control, with a proven track record of delivering high-quality solutions that spans over 30 years.

Here's what sets our physical access control solutions apart:

COMPREHENSIVE PORTFOLIO

We offer one of the widest and most comprehensive access control portfolios to deliver a custom, holistic solution. Select the credential technology that fits your needs, the form factors that work for your users and the provisioning and management options that are convenient for your team.

CUTTING-EDGE TECHNOLOGY

We are at the forefront of technology innovation. With best-in-class technologies like advanced encryption, multi-factor authentication and mobile access credentials, we ensure state-of-the-art security and convenience for your organization.

CERTIFIED COMPLIANCE

At HID, compliance isn't a checkbox. We ensure our products meet the highest regulatory and compliance requirements, to support your security, governance and privacy needs.

EXPERTISE AND SUPPORT

Our global support network provides expert advice and assistance to ensure your success from inception to implementation and management.

SCALABLE, FLEXIBLE DESIGNS

Whether you have a small office or a sprawling global enterprise, our solutions can adapt to your organization's changing needs.

EXPERIENCE WORLD-CLASS ACCESS CONTROL

To learn how HID can transform your physical access control, visit hidglobal.com/solutions/access-control-systems or get in touch with one of our security experts at GetHID@hidglobal.com.



hidglobal.com

North America: +1 512 776 9000

Toll Free: 1 800 237 7769

Europe, Middle East, Africa: +353 91 506 900

Asia Pacific: +852 3160 9800

Latin America: +52 55 9171-1108

For more global phone numbers [click here](#)

© 2023 HID Global Corporation/ASSA ABLOY AB.
All rights reserved.

2023-07-03-pacs-intro-br-en
PLT-07230

Part of ASSA ABLOY



Integrating with HID Origo Mobile Access



Integrating with HID Origo Mobile Access

In today's fast-paced business world, it's critical to have an access control system that is not only secure, but also agile, customizable and easy to manage. That's where HID Origo™ comes in. Our revolutionary cloud platform provides a seamless integration experience that empowers you to optimize your access control system and unlock its full potential.

The HID Origo API and SDKs (application programming interface and software development kits) have been crafted to empower organizations and technology partners to design and automate the mobile access enrollment and identity issuance process and align with your development goals. Moreover, you can fully customize the user interface, ensuring a unique, custom-branded mobile access experience for users.

Throughout your integration life cycle, the HID Origo platform consistently delivers high performance and availability, guaranteeing a smooth and reliable operation.



Features and Capabilities

HID Origo's API and SDKs provide developers with a range of powerful features and capabilities, including:

- Secure, high-performing RESTful API to ensure your integration is simple and portable
- A comprehensive set of SDKs, tools and documentation to support your application development
- Customizable workflows and integrations that can be tailored to specific business needs
- Support for a wide range of use cases, from HID Mobile Access to visitor management and more

Benefits of Integrating with HID Origo



Enhanced Security

Developers are able to create applications that integrate with a range of security solutions, from traditional physical access control software, to biometric authentication, intrusion detection and more.



Improved User Experience

By providing a seamless, integrated experience across multiple systems and devices, HID Origo's API and SDKs can greatly improve the user experience for both employees and visitors.



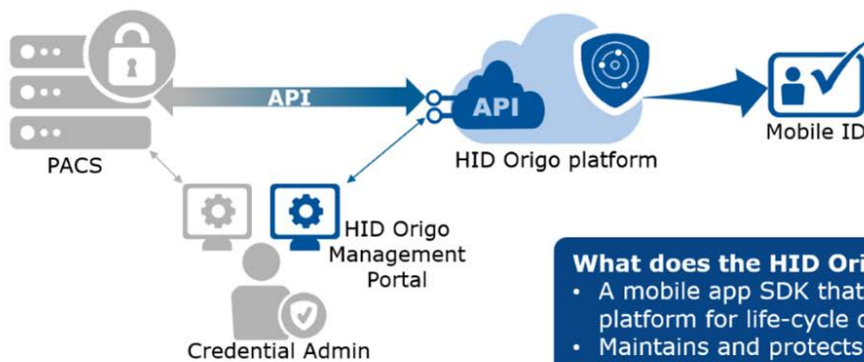
Increased Efficiency

HID Origo's API and SDKs can help organizations automate key processes, reducing manual intervention and streamlining operations.

Integrated Architecture

With the API and SDKs by HID Origo, you can build apps and integrations that blend physical and digital employee experiences with technology, enabling you to confidently meet your customer's specific needs while feeling safe in the knowledge that you are supported by HID Partner Services and the technical expertise of an industry leader in secure identity management.

End Customer Chooses:
 HID User Interfaces
 Cloud API & App SDK

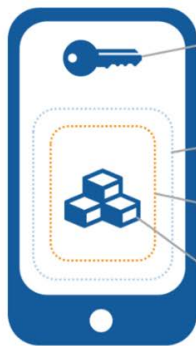


What does the HID Origo SDK do?

- A mobile app SDK that communicates with the HID Origo platform for life-cycle of users, Mobile IDs and devices
- Maintains and protects Seos data in the vault
- Finds readers, engages with and unlocks doors

Securing Identities

HID Origo's API and SDKs are designed with security as a top priority. These measures include the encryption of all data in transit and at rest, the use of secure communication protocols such as TLS, as well as the utilization of our class-leading Seos® advanced encryption and software-based infrastructure, to ensure all data remains private and secure.



Keychain

Secure storage of passwords, keys, or other sensitive information provided by the Operating System. HID Origo SDK uses an area specific to the local device, which is not included in backups.

Application Sandbox

Prevents other applications from reading file system.

Security Framework

The HID Origo SDK implements a third party security framework with various features, such as code injection prevention, obfuscation and jailbreak detection.

SDK Security

The HID Origo SDK implements its own security model, including an encrypted file system to protect any credentials.

Functionality and Agility

API Functionality

The API enables technology partners to build custom applications that consume web services using HTTP for the user and credential management of a mobile access solution.

- Communicate with your application to retrieve user-account details and invitation codes.
- Manage users, devices and credentials.
- Manage invitations (search, create, send, cancel).
- Manage onboarding new customers related to a parent organization.
- Get and search part numbers.
- Authenticate with OpenID (HID ActivID® Authentication) with two supported modes: Client Secret and Client Certificate.

SDK Functionality

The SDK supports native platform languages and is compatible with various hybrid frameworks for mobile application development.

- Operates over both NFC and Bluetooth Smart Communication standards.
- Sets up the end-user mobile device, receives data from HID Secure Identity Services, communicates with the reader and shows key metadata.
- Supports the user experience with a close range “Tap” or “Twist and Go” gesture from a distance.
- Manages the lifecycle of an endpoint on the mobile device.
- Finds readers for unlocking doors and enabling other applications.

Integration Support Services

HID provides an Integration Support Service to assist in the seamless integration of your technology solutions within the HID Origo platform, thereby ensuring the success of your integration. This service simplifies the integration process and aims to deliver an effortless experience for developers.

The Integration Support Service comprises a team of highly skilled technical experts who will work closely with you to understand your unique needs and requirements. Our team leverages its vast experience in integrating diverse technologies and platforms to guarantee a seamless and efficient integration process.



Developer Community

The HID Origo Developer Community serves as a centralized hub for all the necessary resources and tools to integrate with our platform. As a developer, you'll have access to our extensive API library, SDKs, and other development tools, in addition to comprehensive documentation and online training. Our portal also provides access to our developer community forum, where you can connect with fellow developers, ask questions and share concepts and ideas.

To join the community, register for a guest account on the **HID Origo Developer Portal** (<https://origo.hidglobal.com/developers>) to explore our APIs and SDKs, evaluate the technology and scope your integration project. Following registration, the Partnership Team will contact you to discuss your planned project.

HID Origo Technology Partner Program

As a collaborative initiative aimed at promoting the development of cutting-edge solutions for secure access control, the HID Origo Technology Partner Program fosters partnerships with technology developers to facilitate the seamless integration of their solutions with the HID Origo platform.

By joining the program, technology partners gain access to exclusive resources and support from HID, as well as the opportunity to showcase their solutions to customers. **To learn more about the Program, visit <https://www.hidglobal.com/partners/origo-technology-partner-program>.**



hidglobal.com

North America: +1 512 776 9000

Toll Free: 1 800 237 7769

Europe, Middle East, Africa: +353 91 506 900

Asia Pacific: +852 3160 9800

Latin America: +52 55 9171-1108

For more global phone numbers click here

© 2023 HID Global Corporation/ASSA ABLOY AB.
All rights reserved.

2023-05-17-pacs-origo-mobile-access-br-en
PLT-07159

Part of ASSA ABLOY