



Integrating with HID Origo Mobile Access



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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.



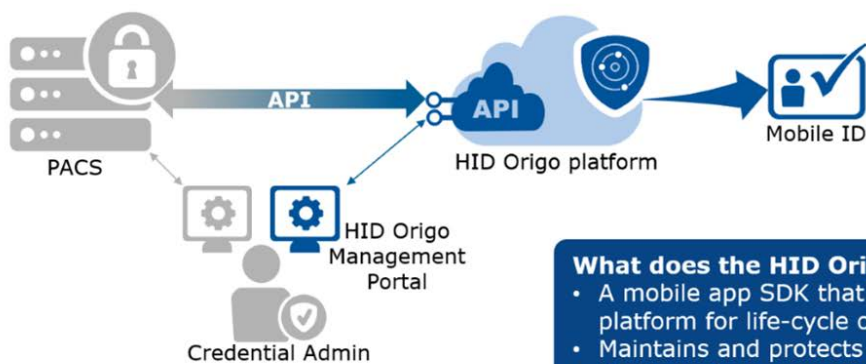
Increased Efficiency

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

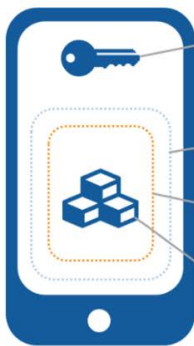


What does the HID Origo SDK do?

- 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>.



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