



# OMNIKEY® Desktop Readers and Embedded Modules

A Single Powerful Platform for  
Trusted Identity Authentication







# OMNIKEY: A Portfolio of Access Possibilities

Productive people require fast, frictionless access to the physical and digital systems around them. OMNIKEY products transform standard log-ins into intelligent exchanges of access with unsurpassed security and easy compliance. They easily integrate with any smart card for any application running on any computer.

HID OMNIKEY readers and modules are qualified gatekeepers when it comes to facilitating secure and convenient access to physical and logical spaces. The platform boasts options for mobile credentials, low and high frequency cards and contact or contactless cards — improving compliance and increasing knowledge around who is accessing what, when and where.

## ACCESS SCENARIOS

### **The Connected Workplace**

One credential — multiple access points. OMNIKEY readers and modules are a critical part of the connected workplace. Employees will appreciate simply flashing their phone, access card or wearable. IT teams will appreciate HID as a trustworthy tech partner that provides a secure and easy-to-integrate platform to spread workplace efficiencies.

### **Employee Badge in Apple Wallet**

With employee badge in Apple Wallet, employees can access office doors, elevators, turnstiles, multifunction printers and much more using just their iPhone or Apple Watch. It's easy, convenient and secure. Employee badge in Apple Wallet integrates into existing access control systems, is simple to distribute and manage, and takes advantage of the built-in security features of iPhone and Apple Watch.



### **A SIMPLE, EFFICIENT USER EXPERIENCE**

Forward-thinking companies are progressing to a passwordless world, and HID is steps ahead with trusted authentication solutions like the OMNIKEY portfolio. Sophisticated options facilitate easy and seamless authentication with a card, phone or wearable. With the simple wave of a credential, people gain efficient access to applications all day long (e.g., parking lots, EV charging, buildings, smart lockers, elevators, turnstiles, vending machines, secure printing, etc.).

### **VERSATILE, GROW-WITH-YOU INTEGRATION**

Access is always evolving, and verification technologies must offer flexibility layered with fortification to meet today's and tomorrow's challenges head on. The OMNIKEY platform is designed to pivot and grow with organizations — pairing software and services with maximum flexibility and modification capabilities to protect digital workplaces as they evolve.

## **ACCESS SCENARIOS**

### **Smart Lockers**

Using OMNIKEY solutions, traditional lockers can be transformed into smart, convenient and secure storage units across office buildings, schools and universities, hospitals and healthcare, hotels, fitness centers and more.

### **EV Charging Stations**

With OMNIKEY modules embedded into EV charging stations, users are securely identified, authenticated and granted charging access based on their authorization level. Station managers can easily add, delete and upgrade credential functionality without changing the entire infrastructure of the station.

## OMNIKEY DESKTOP READERS

The OMNIKEY readers support strong authentication for physical and logical access. The product family offers contact and contactless versions enabling various usage options (e.g., mobile access, mobile wallet, contactless, etc.). HID readers support credentials in Apple Wallet and allow third parties to create secure endpoints.

### CONTACTLESS READERS:

- Support a large range of high and low frequency credentials stored in a card, in a wallet on the phone or even within a wearable
- Integrate easily in logical access environments
- Offer options for fat, thin and zero-client environments

### CONTACT READERS:

- Can be suitable for certification authorities for both government and enterprise applications
- Come in a variety of sizes, some with a dongle-size, contact-only reader and SIM-sized cards
- Can read and retrieve highly secure one-time passwords (OTP) from Seos® cards

## ACCESS SCENARIOS

### Single Sign-On

Strong authentication doesn't have to be complicated. Logical access is more secure than ever with single sign-on (SSO) and OMNIKEY. SSO paves the way for new levels of productivity as employees authenticate their identity at the beginning of a work period and are then granted secure access to the right digital files and physical locations throughout the business day.

### Secure Print

Documents printed but not immediately retrieved are not just wasteful, but also increase the risk of a security breach. Secure print, on the other hand, does not release a print job until the requester is fully authenticated by presenting their credential at the printer using OMNIKEY readers or embedded modules.



## OMNIKEY® EMBEDDED MODULES

Designed for the use of RFID technology in customers' applications, embedded reader modules enable OEM partners to become part of the HID ecosystem and develop easy-to-install solutions with extended lifecycles. OMNIKEY embedded modules feature:

- Read/write capability to most contactless and virtually any contact access card
- A ready-to-use reader board
- Support for all major operating systems
- Flexible integration options such as CCID, keyboard wedge and UART interfaces
- Support for low and high-frequency contactless credentials, NFC and Bluetooth for mobile device-based credentials
- Faster integration — the Developer Tool Kit (DTK) available from the HID Developer Center provides resources that facilitate fast and easy integration, and connects to HID's extensive community for developers

## OMNIKEY SECURE ELEMENT

OMNIKEY Secure Element is HID's next-generation single chip secure element, replacing the iCLASS SE® processor. For use in a multitude of different devices in various industries, it enables OEM partners to quickly and easily turn devices into secure endpoints.

## OMNIKEY SE READER CORE\*

OMNIKEY SE reader core enables integrators to design next-level mobile functionality into connected devices. This small form factor smart card module with external antenna allows for flexible, straightforward integration into small, mobile or battery-operated devices such as locks.

\* Coming soon. This product will replace the current iCLASS SE Reader Module.

## ACCESS SCENARIOS

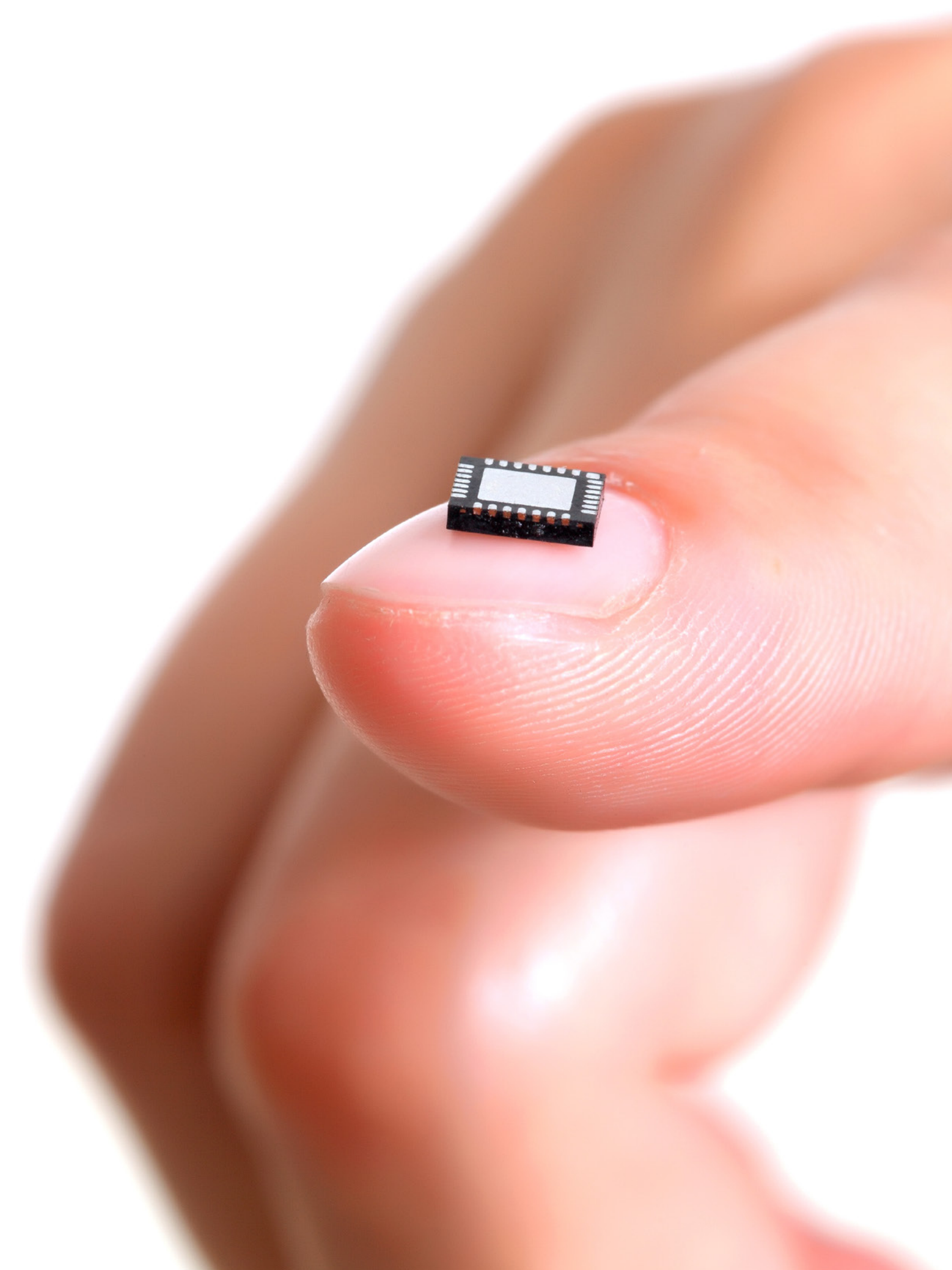
### Turnstiles

High-traffic areas require agile security solutions balanced by a seamless, convenient user experience. With OMNIKEY at each turn, the simple act of coming and going through turnstiles is an all-around fluid encounter. Fine-tuned control prevents "piggybacking" or "tailgating" and ensures only those with pre-determined access gain entrance to a designated space.

### Elevators

OMNIKEY readers and modules are qualified gatekeepers when it comes to facilitating secure and convenient access to physical spaces like elevators. RFID readers authenticate credentials via smart cards, tags, tokens, phones and more from several feet away, as individuals approach an elevator or wave their smart card upon entry — granting fast authorized access to next-level efficiencies.







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**

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