

HID on the Desktop™

Contactless Solutions



ACCESS secure.



Contactless Solutions

Add contactless logical access control to your physical access control system

- ▶ Three-component solution (Prox or iCLASS® cards, OMNIKEY® readers and naviGO™ software) provides flexibility to meet each location's specific setup and usage requirements.
- ▶ Easy-to-install, easy-to-manage hardware and software provides simple, convenient system setup and maintenance with minimal IT support.
- ▶ Flexible, easy-to-use naviGO software allows the addition of logical access functionality to cards regardless of the existing physical access control system or IT infrastructure.



Convenience meets Security at the Desktop

With the development of HID on the Desktop, HID strives to make logical access as simple as physical access control, delivering user-friendly convenience and risk management in a simple solution. Designed for quick implementation and minimal resource commitment, HID on the Desktop's contactless logical access solutions revolutionize logical access control, seamlessly integrating with an organization's physical access control infrastructure.

Because of the large installed base of iCLASS and HID Proximity physical access control cards, HID on the Desktop contactless solutions are ideal for integrated physical/logical access. The convenience a cardholder currently enjoys in unlocking doors is brought to his desktop. And because the card technology is so well understood, the whole process is completely intuitive for the cardholder. Convenient and easy to implement, these solutions use an organization's existing credentials to improve

risk management across the entire enterprise.

Open doors, open Windows®

HID on the Desktop contactless solutions—Prox on the Desktop and iCLASS on the Desktop—address the need for simple, convenient and secure integrated physical/logical access control. They are extremely flexible, use two-factor authentication and employ these basic elements:

- ▶ An HID contactless card (the same card used for physical access) as one authentication factor, with a PIN as the other
- ▶ An OMNIKEY reader that is compatible with the card
- ▶ naviGO software to manage the authentication process

Logical Access Implementation Made Simple



Add a new dimension to your existing physical access control installation

A simple complement to an organization's physical access security system, HID on the Desktop was designed to provide convenience for the user, simplicity for the IT manager and a higher level of logical access security for the organization. The solution enables users to easily enact the higher-level security of two-factor strong authentication to the company's IT network.

Users can start with their current contactless cards, including HID Prox cards, but if higher security is desired in the future, they can switch to iCLASS cards. While Prox on the Desktop provides a base level of security for both physical and logical access, iCLASS on the Desktop offers a higher degree of security and additional card applications. (For a higher level of security, users can switch to the contact-based Crescendo on the Desktop, which provides true PKI security).



Contactless Credentials

Choosing a contactless card for logical access has never been easier or more economical! By incorporating HID's industry standard proximity and iCLASS® technologies, a single card can be easily deployed for both logical and physical access control use.



Make logical access as simple as physical access control

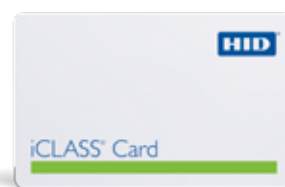
The Credentials: HID Contactless Technology Cards

Experience in developing card technologies puts HID Global in a unique position to play a critical role in the evolution and adoption of smart card technology. HID cardholders have enjoyed the convenience of opening doors without fumbling for keys, or sliding cards into a slot for decades. It has become an expected convenience to present a card to a reader and gain access. iCLASS and Prox on the Desktop bring that same convenience to opening Windows.



HID iCLASS® cards –

The inherent security of iCLASS technology provides an enhanced level of security for logical access. Optimized to make physical access control more powerful, iCLASS 13.56 MHz read/write contactless smart card technology provides versatile interoperability, enhanced security through encryption and mutual authentication and supports multiple applications such as biometric authentication, cashless vending and PC log on security.



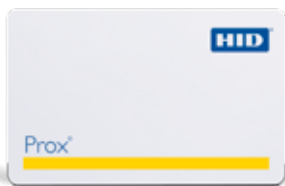
iCLASS on the Desktop™

The inherent security of iCLASS® technology provides an enhanced level of security for logical access.



HID Proximity cards –

HID proximity cards are recognized as the industry standard for physical access control. HID PROX products are robust, affordable, and seamlessly integrate with access control systems.



Prox on the Desktop™

Strong authentication for use with the industry-standard in physical access control.



Representing the highest level of network security supported by the HID on the Desktop solution, Crescendo contact smart cards can enable PKI (Public Key Infrastructure) cryptography. PKI is considered a higher level of security because it involves digital certificates that establish the credentials of an individual.

Additional information about Crescendo can be obtained from your HID sales representative or by visiting hidglobal.com

Contactless Readers

User-friendly convenience and risk management in a simple solution.

Designed for quick implementation and minimal resource commitment, HID on the Desktop's contactless logical access solutions revolutionize logical access control, seamlessly integrating with an organization's physical access control infrastructure.

Choose which HID contactless solution best meets your logical access needs.



The Readers: **OMNIKEY** Contactless Readers

A leading brand in pc-connected readers for logical access, OMNIKEY® standardized readers are connected via USB or serial cable to a desktop computer to be placed on a desk or attached to a monitor. They are equally suited for mobile and laptop usage.

OMNIKEY devices support all relevant operating systems. The readers are certified to all relevant industry standards including PC/SC, WHQL, USB CCID, EMV 2000, and Common Criteria, ensuring world-wide compliance and easy integration in any system.

Three OMNIKEY readers have been specially designed for the contactless versions of HID on the Desktop—two for iCLASS and one for prox.

- ▶ The iCLASS versions come in two form factors: a desktop version—5321 CLi (slightly larger than a deck of cards) and a dongle version—6321 CLi (about 3.5" in length)—perfect for the mobile user!
- ▶ The OMNIKEY Prox reader has been specially designed for the contactless versions of HID on the Desktop. It is currently offered in a desktop version (5321 CL).

Additionally leading PC manufacturers are introducing HID-compatible contactless reader technology into their hardware offerings. For example Dell® has introduced HID iCLASS® reader capability into its E-Family laptops—making it a standard in Latitude line models.

With iCLASS-equipped laptops implementing HID on the Desktop™ is so easy and cost effective that IT managers will not think twice about implementing strong authentication.



OMNIKEY® 6321 USB Reader
Ideal for mobile use, this dual interface PC-linked reader reads/writes to 13.56 MHz contactless smart cards.



OMNIKEY® 5321 USB Reader
PC-linked desktop USB reader reads/writes to 13.56 MHz contact and contactless smart cards – an ideal reader for contactless technology applications.



Dell "Latitude" Laptop PC



The Software: naviGO™

naviGO software supports the HID on the Desktop solution. A software credential management system, naviGO is used for setting up cards and managing access. The same software is used regardless of the type of card or the approach a company has to access computers. naviGO provides ease with which companies can extend the functionality of physical access cards to also provide logical access.

naviGO helps the end user establish the second factor (something you know) and also links the card to the company's IT system. It accomplishes this with a self service portal, eliminating significant work for an organization's IT support team. This naviGO capability removes what has been a significant impediment to the adoption of logical access control: the deployment and ongoing management of the IT credential.

Recognizing that, naviGO was designed to alleviate these management issues. It allows the user to set or reset the PIN (the second factor) for accessing his computer. This prevents users from having to call a help desk when they forget a PIN or need to reset the PIN and saves significant time, resources and money for the organization.

naviGO software also allows the user to access a PIN Unblocking Key, giving users the ability to regain access to the logon themselves, another way of reducing help desk costs.

naviGO software also allows users emergency access if they have lost or forgotten

their HID card. This is enabled by Knowledge-Based Authentication. During the setup process, a user provides answers to a certain number of questions (i.e. What was the name of your first pet?). If they need to gain emergency access, they can access a portal from the logon screen, correctly answer the questions and get onto their computers. Again, no call to a help desk.



ACCESS experience.

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