

A woman with glasses, wearing a dark business suit, is smiling and looking down at a card she is holding. She is standing next to a network rack filled with blue cables. The background is a soft blue with a faint pattern of binary code (0s and 1s).

Networked Access Solutions

EDGE® and VertX®
IP Access Control





Open Architecture IP Access Control



EDGE® EVO

The new platform provides enhanced security options, intelligent door communication and superior performance. These products provide a complete and fully functional hardware/firmware infrastructure for IP access control.



VertX® EVO

The new platform provides enhanced security options, intelligent door communication and superior performance. These products provide a complete and fully functional hardware/firmware infrastructure for IP access control.

HID Global's Networked Access Solutions provide an open architecture, IP-enabled platform for deploying a broad range of access control solutions and functionality, including real time monitoring, fully functional offline operation, and IP remote management. The easy-to-use networked access control solutions bring intelligence to the door while protecting the value of customers' overall investments, from controller, to reader to credential.

The portfolio includes a single-door Power over Ethernet (PoE) enabled EDGE® controller that is an ideal solution for organizations with existing IT infrastructure looking to leverage reduced door components cost. It also includes a VertX® multi-door controller with downstream interface modules that is perfect for organizations with an existing traditional access system in place and a limited IT infrastructure.

Flexible and Adaptable

HID Global's Networked Access Solutions are interoperable with a multitude of access control software systems versus proprietary OEM panels and software that lock customers into a one software/one controller solution with no ability to change software or controller.

The EDGE and VertX controller solution is coupled with access control software that can be modified over time without requiring an organization to invest in an entirely new infrastructure as their business requirements evolve in the future.

Additionally, the solution is easily adaptable for facility expansion and changes to virtually any card/reader configuration that future security needs may necessitate - whether it's controlling two doors with a few hundred card holders or managing hundreds of doors at multiple facilities with tens of thousands of cardholders.

The new EDGE® EVO and VertX® EVO platform provides organizations with the most extensive access control systems available, delivering superior performance and superior security features. The scalable platform is an open architecture solution that enables the use of hardware with any OPIN® compliant access control software from a wide variety of partners. EDGE EVO and VertX EVO solutions provide a complete and fully functional hardware/firmware infrastructure for IP access control.



OPIN® Development Platform

The OPIN Development Platform provides uniform interface to all products in HID Global's Networked Access Solutions portfolio. The platform consists of the hardware, firmware and SDK libraries, documentation and reference implementations for streamlined development to the industry's most extensive open architecture access control solution. Unlike other manufacturers that provide access to products to a limited group of OEM customers, HID Global makes it easy to switch any HID OPIN compliant system providers.

EDGE EVO and VertX EVO Offer: Converged Applications

Enables convergence for multi-dimensional security systems; a powerful custom rules engine enables the interface of the system hardware with complimentary applications such as fire alarm, closed circuit television (CCTV) and networked recorded video (NVR).

Large Memory Capacity

Stores a complete access control and configuration database for multiple doors, including storage of up to 250,000 cardholders.

Real Time Monitoring

Reports all activity to the host, enabling immediate action when an alarm event occurs; reports supervised inputs /alarms with 255 levels of priority.

Fully Functional Offline Operation

Buffers up to 100,000 transactions so offline activity is saved and recorded in the system upon re-connection.

IP Remote Management and Troubleshooting

Connects to the host and other devices using an encrypted a TCP/IP link, saving time and money by reducing the need to dispatch support resources to the door.

Full Command and Control

Receives and processes real-time commands from the host software application, while reporting all activity to host.





Lower Door Install Costs

EDGE® EVO continues to drive down install cost of wired doors with simplified installation using affordable CAT5 wiring and Power over Ethernet (PoE) options to power door hardware. EDGE EVO provides the ability to expand the number of inputs and outputs accessible through a single controller and it segregates door critical IO from an integrated reader/controller. The solution also offers a significantly smaller the form factor of the integrated reader/controller and supports Highly Intelligent Opening (Hi-O) compliant door components for a secured intelligent link to all readers and door components.

VertX EVO continues to leverage traditional access control wiring that exists in many of today's buildings. The new master controller VertX EVO V1000 works in a plug-and-play fashion with existing VertX V100, V200 and V300 downstream devices. Additionally the VertX EVO V2000 two-door controller has enhanced capabilities with up to 250,000 cardholders and 100,000 transaction buffer.



Genuine HID

Customers benefit from the broadest product line of trusted, fully interoperable secure identity solutions in the market. Genuine HID solutions are backed by global product warranties. When customers purchase from HID Global, they are investing with absolute confidence.

EDGE EVO

VertX EVO

	EDGE EVO	VertX EVO
Wiring	Uses CAT5 cable to each door	Uses structured cable; wires home run to electrical closets
Power Supplies	No power supplies required for doors using PoE	Power supplies required for controller, downstream modules and door hardware
Infrastructure	Requires IT infrastructure; 1 switch port per door	Reduces impact on corporate LAN; 1 switch port for up to 64 doors
Application	Host (multi-door system) and Solo (stand-alone single-door system)	Host-only (multi-door system)
Reader	Integrated Reader (Controller/Reader models)	No Integrated Reader



Versatile Application Support

EDGE® EVO and VertX® EVO

EDGE EVO and VertX EVO come in a Host configuration that it is coupled with an HID Global partner software solution to deliver a complete and integrated networked access control solution to customers. Solutions are versatile and enable a broad range applications, from basic access control and integrated access control with video, to specialized applications that solve a variety of business needs. EDGE EVO Host and VertX EVO configurations also support OPIN-compliant software partner applications and offer interoperability with HID Global's vast partner community of software solution providers around the globe.

Worldwide partner presence

HID Global's serves every major region worldwide with a global partner footprint that ranges from large systems manufacturers who can support multiple regions through a single organization, to a vast array of local partners that specialize in providing solutions that address the unique language, system configuration, and other country-specific requirements of a region.

Flexible to fit different business models

Additionally HID Global partners provide solutions to meet the varying business models and financial needs of different types of organizations. These options include managing the solution in the cloud for customers seeking

a lower initial capital expenditure, or delivering the complete solution to the customer onsite for organizations who prefer to invest upfront in their access control system and/or have larger IT resources in place for onsite management of the solution.

Stand-alone Solution: EDGE EVO Solo

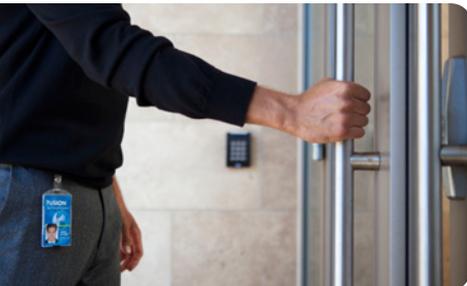
EDGE EVO can also come configured in Solo configuration. EDGE EVO Solo is a stand-alone single-door access control system that does not require software to be installed on PCs. Instead, EDGE EVO Solo is remotely managed using a standard web browser. Solo is ideal for small- and medium-sized business managing one to three doors for ten to hundreds of cardholders.

	EDGE EVO/VertX EVO	EDGE EVO Solo
Installation Size	Large building solution	Single door access control
Management	Many doors managed cohesively	Each door managed separately via remote web browser
Software	Customized interface provided by HID partner software solution	Managed through browser connection; no software required to be installed
Extensibility	Easily migrate to any software partner compliant with HID Global's OPIN interface*	Fully upgradeable to an EDGE EVO Host solution as access control demands increase
Capacity	Thousands of cardholders and doors	Ideal for up to 500 cardholders and 2-3 doors
Form Factors	Offered in Controller-Only and Controller/Reader & Module Form Factors	Offered in Controller-Only and Controller/Reader & Module Form Factors
Reader/Card Options	Full range of card and reader options	Full range of card and reader options

* HID Global's OPIN interface is the underlying open architecture technology that enables support for a variety of hosts



Ideal for a Wide Variety of Markets



Small Business

Offering the convenience of contactless access control along with time and attendance and other smart card-enabled applications, HID Global's Networked Access Solutions help solve your small business needs. Choose EDGE® EVO Solo, or select a hosted partner solution for limited start-up cost.



Commercial/Industrial

Provides heightened security for organizations with numerous entry points and large coverage areas. Ideal for high volume locations such as airports and other facilities with sophisticated organizational structures requiring various access control settings for employees.

Education

For colleges and universities with unique security challenges for controlling physical access to buildings; providing physical security for large-scale events; and serving the diverse needs of a campus community while lowering overall operational costs.



Financial

Delivers a reputable brand with a successful track record in the financial industry. HID Global's Network Access Solutions guard against the ever-present danger of security

breaches that could harm personnel and financially expose an institution's customers.

Healthcare

For hospitals and healthcare institutions seeking a multi-layered security solution that addresses the large influx of patients, visitors and staff. Provides increased security for critical zones including pharmacy / dispensary areas, operation rooms, intensive care units and other high security zones.

Retail

The platform provides flexible solutions for corporate offices with many floors and access points, to individual retail stores that have fewer access points. Both types of environments can be tied into a single system with centralized monitoring.

High-tech

Providing high security advanced access control features to ensure the utmost protection of intellectual property. Integrate with high security credentials and readers for end-to-end security.

Government

Delivers solutions for complex credentialing projects that protect citizens and infrastructures such as transit systems, roadways, and public utilities.



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