infinias
Simple. Scalable. Secure.

POWERED BY | 3xLOGIC™

Intelligent IP Security Solutions

▸ Access Control
▸ Video & Data Management

Simple. Scalable. Secure.

Intelligent IP Access Control

Every element of the Intelli-M access control solution – from door controller, to software, to server – is engineered to deliver unparalleled simplicity, scalability, and security.

SIMPLE.

Intelli-M Access Software:
A Customized Experience, with Unlimited Licensing

Intelli-M Access is a scalable and easy-to-use browser-based access control management application, eliminating the need to install client software and manage updates.

Available in Essentials, Professional and Corporate versions, these feature-rich solutions are perfect for virtually any access control application – from single-door to multi-door, multi-building, and multi-site installations.

Intelli-M features unlimited door licensing to minimize total cost of ownership. It supports mobile-phone based credentials in addition to traditional cards and keyfobs.
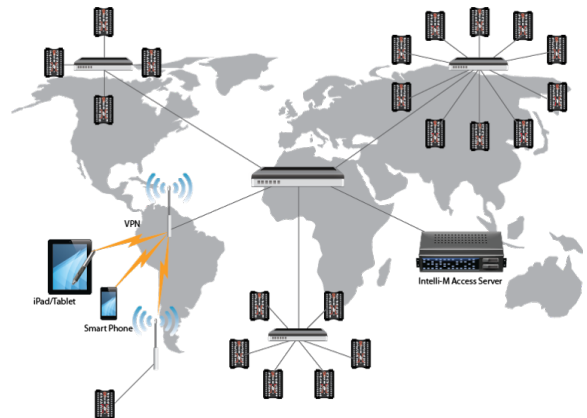
SCALABLE.

All-in-one Multi Door and Multi Site Installations

There is a common misconception that infinias is small scale access control business. On the contrary.

From single door facilities to multi-door, multi-site installations, infinias access control solutions are designed to easily scale with your needs and your budget.

Not only is infinias scalable in size but also in price. We have one of the lowest cost per door, lowest cost per installation, and lowest total cost per ownership.

SECURE.

eIDC^{32} Single Door Controller: Small, Powerful, Scalable

This powerful and secure, edge-based single door controller installs inside a double gang box, mounts at the door and connects to the closest network switch with a single CAT5/6 cable.

All access and cardholder data is stored at the controller, so in the event that a server goes down or there is a network issue, your door is still secure and able to be accessed.

Every eIDC32 door controller is thoroughly tested under extreme-use conditions before shipping to our customers, to ensure a trouble-free user experience. infinias' extensive end-to-end quality control process warrants seamless operation across every platform.

Intelli-M Access Software

Intelli-M Access is a browser-based access control management application, delivering cutting-edge features to easily manage single-door to enterprise-wide access control installations. Intelli-M Access® delivers the ultimate in simplicity, scalability, and security:

- Intelli-M Access uses a **highly scalable architecture** to deliver access control for installations of any size. From simple single-door implementations, to complex installations with hundreds of doors and thousands of cardholders in a single facility or with multiple locations across town or the world, Intelli-M Access has a solution.

- Intelli-M Access is available via any **standard web browser** – and eliminates the need to install and maintain a client software application. Manage Intelli-M Access from anywhere you can run a standard Internet browser that supports JavaScript. Intelli-M Access can also be accessed via most **smart phones and tablets,** including iPad, iPhone, and Android.

- **View events and alarms,** generate reports, and monitor the status of devices using the simple yet powerful user interface.

- **Configuring doors** is a snap. Intelli-M Access provides pre-installed templates and wiring diagrams to simplify the process, helping to get an installation up and running in minutes.

- The People tab makes **finding users** simple – regardless of the size of your system. Intelli-M Access features visual formatting and selectable inputs that allow you to search based on single or multiple data fields, across single or multiple locations, instantaneously.

- **Print badges** for a single individual from the people page, or in bulk from the reports page.

- **Design badges and customized reports** using Microsoft's Report Builder, a free design tool.

- Use advanced features such as **"Lock All Doors"** and **"Momentary Unlock"** to safely and easily manage a site. All functions can be performed remotely over your iPhone or laptop, for the ultimate in convenience and peace of mind.

- **Create Schedules and Holiday Sets** quickly and easily with an intuitive click-and-drag interface. Simply associate events with devices and your system knows exactly when to unlock a door – and when the entrance should remain secure.

- **Multiple security roles** allow you to provide system access to as many users as you'd like, while controlling specific permissions at the individual or group level.

- **Live Muster** displays the image of cardholders in zones configured for Muster monitoring.

- Build and customize features your way using the highly extensible **Rules Engine.** This powerful system component provides the ability to use basic capabilities such as "Lock Zone" or "Record Video" to build tailored access control features.

- Program events to **trigger internal actions** such as "Lock Zone" or send e-mail, or to **communicate with external systems** - such as initiating recording on a remote DVR.

- Leverage Intelli-M Access' open API to **integrate your access control solution with additional external devices**, sources of data, and system applications. The possibilities are virtually endless.

- infinias solutions also support **Video Integration** with industry leading video surveillance platforms, providing a robust and complete physical security solution. Visit www.infinias.com for a complete list of our integration partners.

Installing Intelli-M Access

Intelli-M Access® is available as a software only solution, or pre-installed on infinias' purpose-built servers.

Intelli-M Access Software Upgrades

Intelli-M Access is a browser-based access control management application, delivering cutting-edge features to easily manage single-door to enterprise-wide access control installations. Intelli-M Access delivers the ultimate in simplicity, scalability, and security:
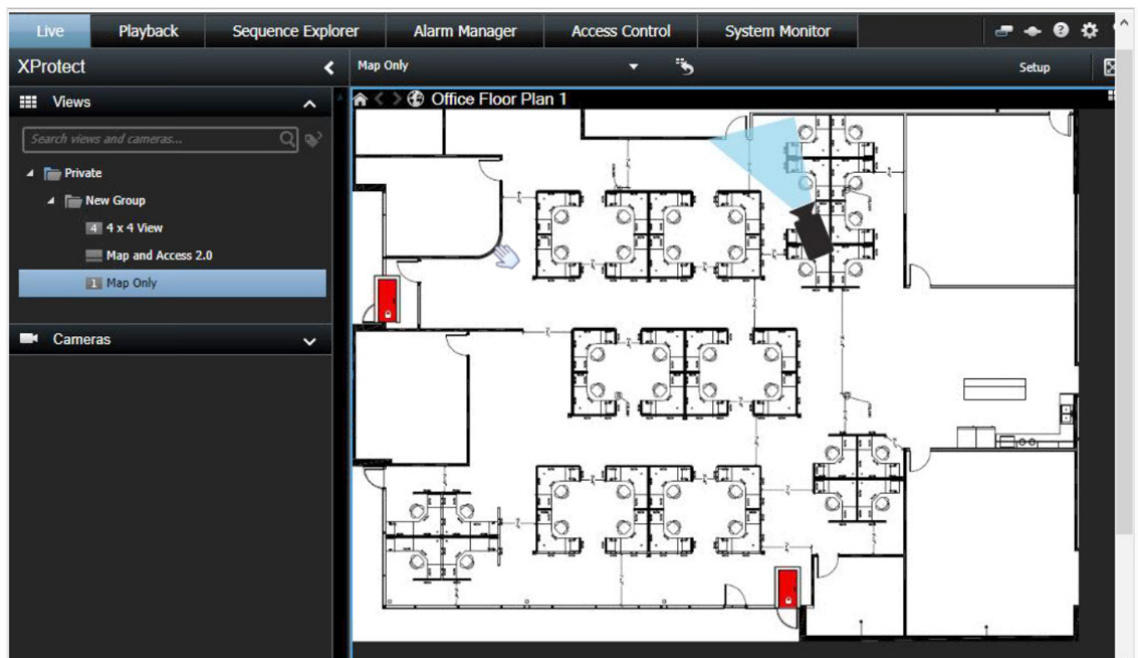
Intelli-M Access Professional

Intelli-M Professional is an add-on to Intelli-M Essentials not a stand-alone software.

Key Features include:

- **Active Directory integration:** A real time link between Intelli-M Access software and the Active Directory database. This allows an organization to enter users into Active Directory, including card data, to grant access privileges instantaneously.

- **Google and Microsoft Exchange Calendar:** Google and Outlook calendar integrations allow users the ability to set AD HOC schedules. Users with access to the door's calendar can schedule a meeting for the date and time the door needs to be accessed. Once the scheduled meeting is over, the door reverts back to its normal schedule removing the possibility for human error, a standard lock and key system at the door.

- **VMS Integration:** Access control events tied with Video Surveillance through a variety of VMS integrations. For a complete list of our VMS integrations, please visit www.infinias.com

Intelli-M Access Corporate

Intelli-M Corporate is an add-on to Intelli-M Essentials not a stand-alone software.

Key Features include:

- **Centralize Management of Schedules:** Administrators role can set and manage schedules across different time zones with ease, nationally or on multiple continents.

- **Additional Role:** Supervisor role allows a company to utilize managers at a local level for credential and people management.

- **Zone Hierarchy Concept:** Allows users to be assigned to zones, to which they can only access resources assigned to that zone. For example, a Supervisor in a South African location will not have access to edit or see resources in a Swedish location. In addition, a company with a European Supervisor role has the option to be assigned to view all resources in Europe, or filter the view to see only a single country or office location as needed.

Comparison Chart

	INTELLI-M ACCESS Essentials S-BASE-KIT	**INTELLI-M ACCESS Professional** S-IA-PRO REQUIRES S-BASE-KIT PURCHASE FOR NEW INSTALLATION	**INTELLI-M ACCESS Corporate** S-IA-CORP REQUIRES S-BASE-KIT PURCHASE FOR NEW INSTALLATION
FEATURES			
IP-based Access Control	✔	✔	✔
PoE (Power over Ethernet Support)	✔	✔	✔
Browser-based User Interface	✔	✔	✔
Momentary Unlock	✔	✔	✔
Lock All Doors	✔	✔	✔
Unlimited Schedules	✔	✔	✔
Holiday Schedules	✔	✔	✔
Multiple Security Roles	✔	✔	✔
Badging	✔	✔	✔
Live Muster	✔	✔	✔
Built-in Standard Reports	✔	✔	✔
Customizable SQL Reports	✔	✔	✔
Rules Engine (For user defined configuration)	Standard	Advanced	Advanced
iPhone, iPad and Android Support	✔	✔	✔
Virtual Machine Support	✔	✔	✔
Video Integration*		✔	✔
Elevator Control (RLY16-RM)		✔	✔
LDAP Support for AD Synchronization		✔	✔
MS Outlook/Google Calendar Integration		✔	✔
Requires Certification		✔	✔
Multi-tier Management			✔
Number of Events	Unlimited	Unlimited	Unlimited
Number of Doors	Unlimited	Unlimited	Unlimited
Number of Cardholders	Unlimited	Unlimited	Unlimited
Door Licensing	Unlimited	Unlimited	Unlimited

Visit infinias.com for a complete list of our integration partners.

Mobile Credential

infinias Mobile Credential provides convenient access control – with the touch of a button.

Request Access to the doors at your facility with a touch of your phone. Mobile Credential is iOS and Android compatible and allows authorized users access to designated doors.

Available in 10, 20, 50 and 100-pack increments. Each license authorizes one Android phone or iPhone.

Visit www.infinias.com for more information on Mobile Credentials.

The eIDC³² Door Controller

More Power. More Control.

The eIDC³² delivers the power you need in the smallest form factor in the industry. The high-performance eIDC³² door controller can handle more cards, more schedules and more functions than any single door controller on the market – making it an advantaged solution for virtually any access control installation.
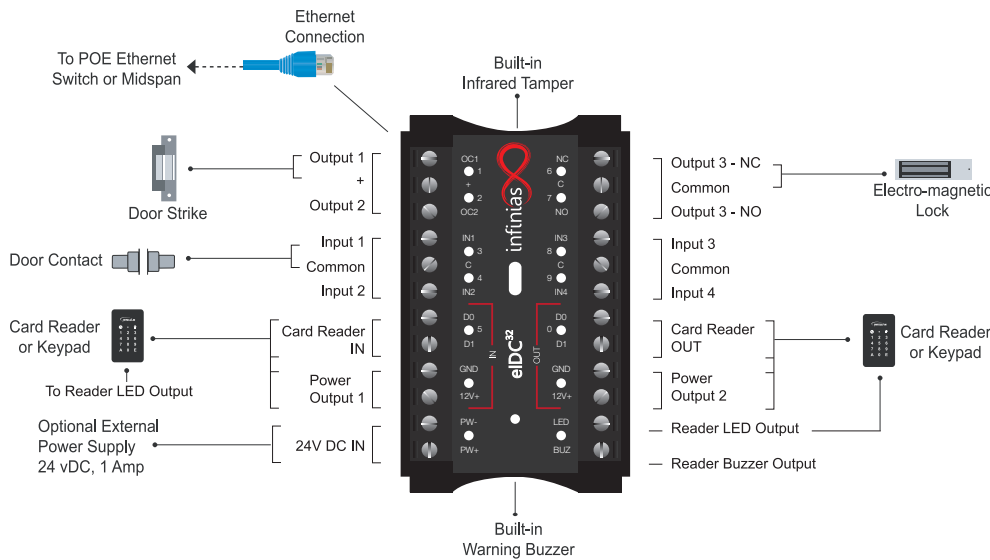
Convenient IP Address Discovery

The eIDC³² is the only door controller in the industry that flashes its IP address during startup for automatic IP address discovery.

More Inputs and Outputs. Greater Support.

Each door controller supports up to two readers per door and features multiple configurable inputs and outputs, providing enhanced support and flexibility at every door.

Simple Installation. Easy Scalability.

The compact eIDC³² conveniently fits inside a double gang box, easily mounted at the door for a quick and painless installation. Add one or more doors as your needs grow. Simply add an eIDC³² door controller and connect a CAT5/6 cable to the nearest network switch.

Quality Tested. Rest Assured.

Every eIDC³² door controller is thoroughly tested – under extreme-use conditions for 7 consecutive days – before shipping to our customers, to ensure a trouble-free user experience. infinias' extensive end-to-end quality control process ensures seamless operation across every platform.

Installation and wiring with the double-gang box

1 Use the surface mount box to install the eIDC³² at the door, keeping door wiring as short as possible
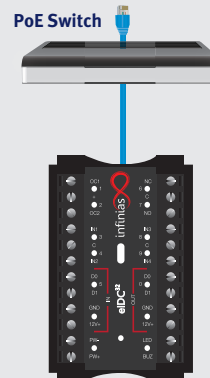
2 Run one CAT5/6 cable from the eIDC³² to the nearest PoE switch

Power separately any devices that require more power than the available PoE budget supports.

Please refer to the eIDC³² specification sheet for detailed power budgets.

The Power to Do More

The PoE-powered eIDC[32] is engineered to provide local power for door strikes, readers, and additional door hardware peripherals – reducing wiring complexity, and providing unmatched convenience and flexibility.

Powered Outputs

Each eIDC[32] is equipped with two open collectors supporting up to 450 mA of combined power. This powerful feature allows the device to power the door strike or other equipment such as a connected horn or alarm.

Unlock Mag Locks

The eIDC[32] features a Form C relay rated for 5A and 250V that can be used to control the energized or de-energized state of a mag lock.

Note: an external power source is needed to fully power the magnetic lock.

MORE Power…

Additionally, the eIDC[32] door controller is capable of providing power for other connections and devices, such as:

- Motion sensor
- Strikes, horns and lights
- Low power Mag locks
- Card reader/reader with keypad (up to two total)

Proven Reliability. Unlimited Scalability.

Over 50,000 infinias eIDC[32] controllers are currently deployed around the world, for installations ranging from single-door applications to globally distributed systems approaching 1,000 total doors.

Add Doors as Your Needs Grow

infinias access control solutions are designed to easily scale with your needs and your budget. Intelli-M Access software supports an unlimited number of doors, allowing you to add doors to your system at any time by simply installing an eIDC[32] controller at the door and connecting to your network. infinias delivers simple, straightforward scalability with no hidden costs or fees.

Power Output:

- The total maximum power that the controller can provide is 750 mA at 12 V. (This includes the open collectors as well as both card reader sections.)

- The total available power from the open collectors of the controller is 450 mA at 12 V.

- You must stay within available power capacity for both open collector budget and maximum power listed above.

Denver City School District: infinias Used in 8 Facilities, 680+ Doors

In late 2010, Denver City ISD (DCISD), sought a replacement solution with a more predictable power supply that could be centrally-managed via a web-based interface. Intelli-M access control was selected on a phased trial because of having a true IP solution and browser capabilities.

The initial phase of the project focused on the new Industrial Arts Building. This phase required the integrator, Digital Air Control, to install numerous infinias Intelli-M eIDC32 Ethernet-enabled door controllers and infinias Intelli-M Access management software. After a successful first phase, infinias Intelli-M controllers were installed in Denver City High School's field house, Elementrary School, the High School's new gym complex, press boxes for the football field, and bus barn, integrating with over-head door systems and using long-range readers to allow bus access from drive-up gates.

Completely satisfied with the performance, DCISD committed to installing the infinias Intelli-M access control solution in its maintenance and distribution facility, and new High School, resulting in total coverage of 683 doors across 8 buildings. Within the next couple of years, Digital Air Control expects that the school district will expand their system to cover nearly 1,000 doors with the infinias Intelli-M access control solution.

Read the full case study at www.infinias.com.

Servers & Devices

infinias offers a complete line of purpose-built servers to support any access control application. All servers come with Microsoft Windows and Intelli-M Access Software (unlimited door license) pre-installed, pre-configured and fully licensed.

infinias Access Server50

S-SVR50-IMS-A

The infinias Access Server50 provides support for up to 50 doors. Hardware includes professional-grade hard drive(s) and an internal flash drive for durability and easy recovery. The Server50 comes pre-installed with MS Windows 7 Professional operating system. Server50 includes a flash drive and is pre-configured to automatically backup critical data five times a week and keep the 10 most recent copies available. The Server50 comes complete with infinias Access Software, pre-installed, and fully licensed. Simply plug it in and you're ready to go!

Certified up to 50 doors*

Capacity may vary based upon the complexity of your installation requirements.

infinias Access Server300

S-SVR300-R2

Certified up to 300 doors*

This robust server is ideal for high door counts, and can comfortably support systems of up to 300 doors. The Server300 features dual 1GB NIC cards – one for corporate network, one for security network/VLAN – to easily use the Server300 as a router to isolate the eIDC$_{32}$ door controllers from the rest of your network. The Server300 comes pre-installed with Windows 7 Professional operating system. Server300 includes a flash drive and is pre-configured to automatically backup critical data five times a week and keep the 10 most recent copies available. The Server300 comes complete with infinias Access Software, pre-installed, pre-configured, and fully licensed. Just slide it into a rack and turn it on!

Capacity may vary based upon the complexity of your installation requirements.

16 Relay Output Device

S-RLY-16-RM

The 16 Relay Output Device is a rack-mountable, PoE-powered device created specifically for elevator control. The 1U rack mountable unit features 16 outputs, each with a Form C relay onboard. This makes for easy installation and connection to elevator control panels. Utilize the rules engine within infinias Access to provide credential holders with access to specific floors.

Available only with PRO or CORP Editions

High Density I/O Device

S-IO32-RM

The High Density I/O Device is rack-mountable and PoE-powered I/O device. Simply wire input/output connections from the two access ports of the eIDC$_{32}$ to the S-IO32-RM input/output ports via screw terminals. Great for input monitoring, the I/O device aggregates up to 32 inputs in a clean 1U rack mountable form factor. Utilize the rules engine within infinias Access to build features requiring multiple inputs or outputs, such as monitoring of sensors around a building.

The S-IO32-RM's I/O ports are fully configurable to be either inputs or outputs in infinias Access.

Available only with PRO or CORP Editions

Contact Us

Tel: 317.348.1086 / Toll Free: 866.496.5783 / Fax: 888.527.7506

www.infinias.com / **sales@infinias.com**

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