



RBH
ACCESS



BUILDING
SECURITY
WORLDWIDE

Integra 32™

SECURITY MANAGEMENT SYSTEM

- **Access Control**
- **Intrusion Alarms**
- **Elevator Control**
- **CCTV & DVR**

- **Photo ID**
- **Building Automation**
- **On & Offsite Monitoring**





CORPORATE VISION



RBH Access Technologies was established on March 1, 1995 to undertake the design, development, and manufacture of Integrated Access Control and Enterprise Security Management Systems.

Drawing on decades of experience in the Electronic Access Control markets, RBH's founders insisted that ***Innovation, Quality, Integrity, and Value*** be the cornerstones of the company and its products – and that the advantages resulting from dedication to these principles flow to its dealers and customers.

RBH markets its products worldwide through an international network of security dealers and systems integrators. Selected dealer recruitment and comprehensive training ensure customer satisfaction. RBH systems have been installed in dozens of countries, in multiple languages, on four continents.

RBH's growth is currently several times the industry average – bearing testimony the acuity of its vision.

RBH continues to invest in research and development to provide innovative and effective products that address the ever-growing market demands for open, stable, and scalable integrated security management systems. RBH will continue to compliment its exceptional products with first-rate support and competitive pricing to the ultimate satisfaction of its dealers and their customers.

• Innovation • Quality • Integrity • Value

Integra 32™

SECURITY MANAGEMENT SYSTEM

INTEGRATED _____

Access Control

Intrusion Alarms

Elevator Control

CCTV & DVR

Photo ID

Building Automation

On & Offsite Monitoring

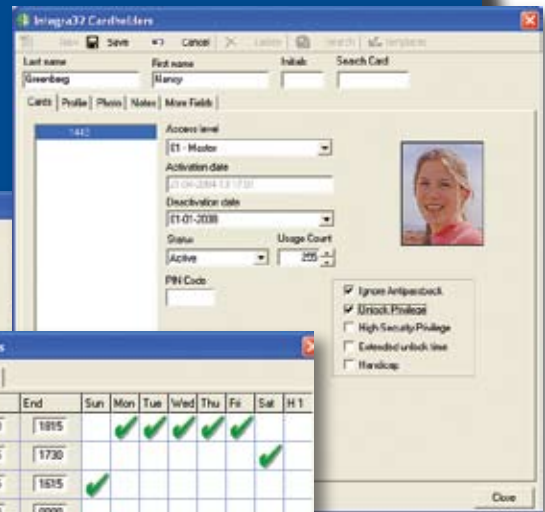
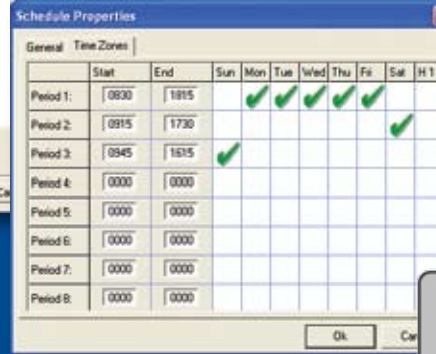
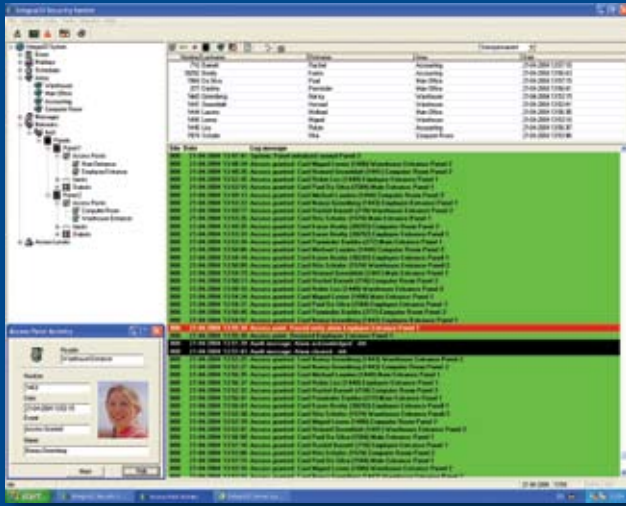
Integra 32 integrates all of the above functions into a single elegant security management system for modern buildings.

Integra 32's advanced .NET architecture is specifically designed to take advantage of Microsoft Windows XP and 2000 operating systems. This user friendly software ensures that security management needs are met easily and economically with minimal training.



... Versatile Solution for Tomorrow's Needs

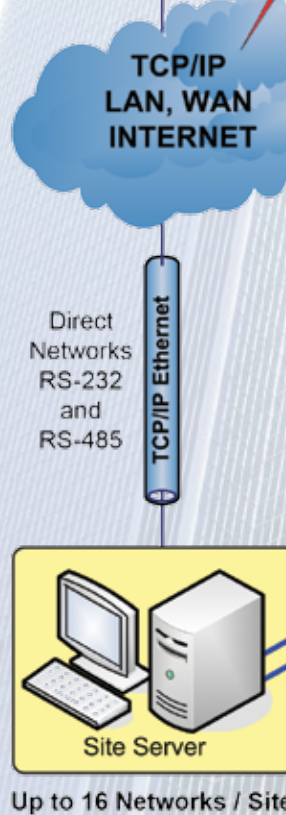
Integra 32™



Full Featured Software

- **Modern architecture...**
 - Designed to take full advantage of Microsoft Windows XP operating system
- **Advanced Client-Server design...**
 - Includes 10 simultaneous full function clients over LAN/WAN
- **Multiple site management...**
 - Control an unlimited number of sites from a single location with complete database, graphics and history segregation
- **Optimum system capacity...**
 - Up to 99 system operators with individually definable privileges and a choice of languages (English, French, Spanish, and many others)
 - Up to 64 Integra32 controllers
 - Up to 128 access points (128 IN and 128 OUT readers), 512 inputs and 512 outputs
 - Up to 16 networks, including direct, TCP/IP, dial-up and wireless
 - 5,000 cards per panel, expandable to 8,000
 - 32 schedules with 8 time zones each
 - 40 user definable holidays
 - 10 digit card numbers
- **Card Multi-Swipe functionality per cardholder...**
 - 2-swipe - Locking/Unlocking
 - 3-swipe - Automation event initiation
 - 4-swipe - High Security Mode on/off
 - 5- swipe - Automation event initiation
- **High Security Mode...**
 - Dynamically suspend and re-instate a cardholder's access privileges while maintaining access for specially authorized cards. This mode can be activated by "Four Swipe", system link, or an operator command from any Security Workstation.

- **Integrated Biometric Enrollment...**
 - USB enrollment reader allows direct fingerprint enrollment from within the Integra32. One software solution, multiple hardware options.
- **Personalized disability privileges...**
 - Disabled cardholders can be accommodated with extended door unlock times and dedicated automatic door activation.
- **Anti-Passback...**
 - Global and local anti-passback supports soft or hard enforcement and anti-tailgating. This feature also includes scheduled area reset, live status monitoring and timed anti-passback.
- **Global Link Commands...**
 - System is capable of creating an unlimited number of system-wide automation command sequences with steps individually enabled by schedules.
- **Alarm acknowledgment...**
 - Alarms can be individually configured for a required acknowledgement restricted by schedule with up to 99 priority levels and associated instructions.
- **Additional features include, but not limited to...**
 - "First person delay"
 - "Man-trap" (or "Air-lock") logic
 - "Code Reader Links" – a sophisticated way for system automation
 - "Door held open" alarm and warning
 - Up to 10 uniquely configured cards per cardholder
 - Scheduled locking/unlocking, reader and keypad operation
 - Visual cardholder verification – fully configurable
 - Customized formats for exporting reports to any other application
 - Time and attendance reports
 - Integrates with most Human Resources systems



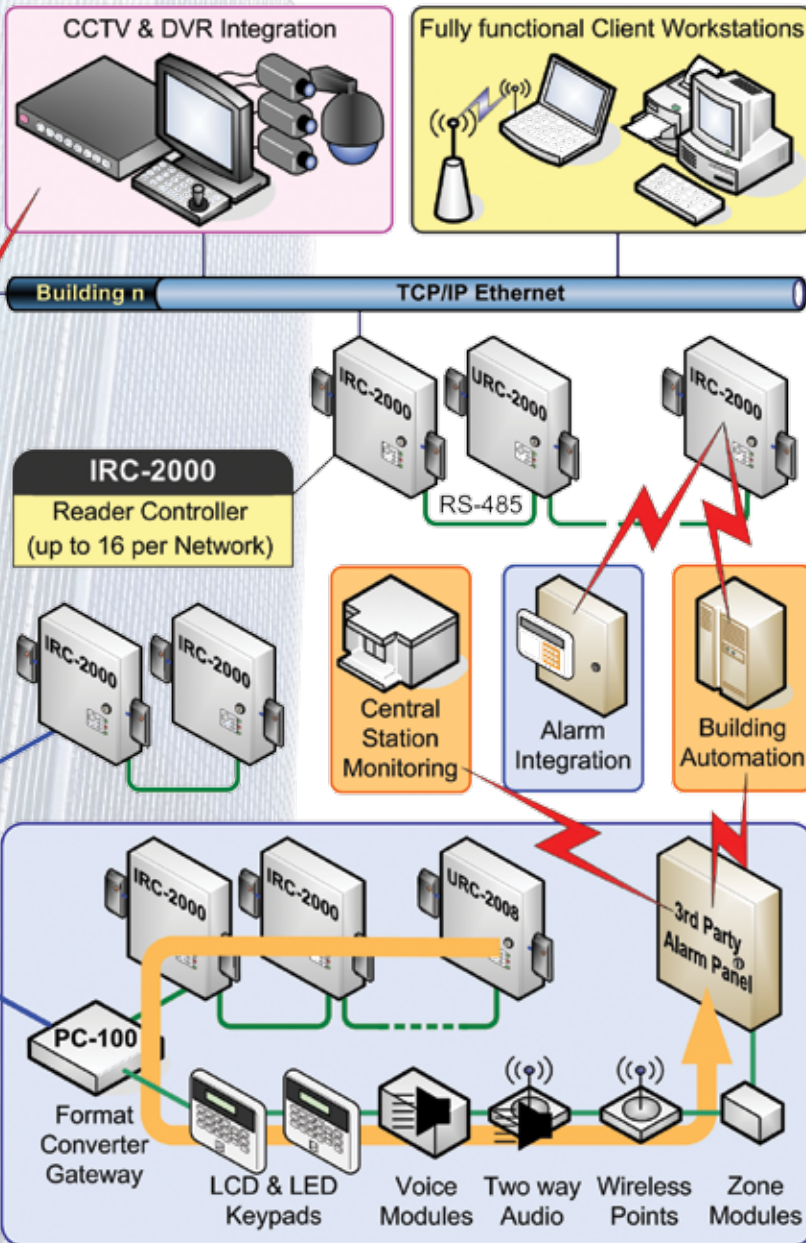
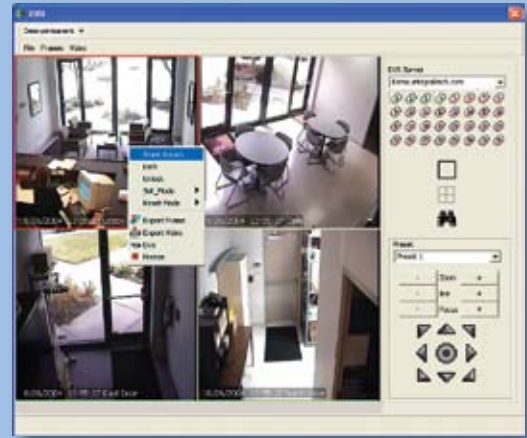
Complete CCTV & DVR Integration

Over the Internet or office LAN, the system user has direct system-wide access to live video, event viewing, history event based video search and video export functionality.

Custom tailored assignments link individual Access and Monitoring Points to specific cameras across multiple DVRs, providing an ability to set pre- and post-alarm viewing preferences and PTZ shots.

Supporting multiple DVRs from different manufacturers on the same system simultaneously provides enhanced flexibility and freedom of choice of manufacturer.

By simplifying video search and allowing Access Point control directly from the live video screen, Integra 32 provides a wide range of user friendly features.



Map Integra inputs and events onto 3rd party Alarm Panels

Integra Photo-ID & Badging

A fully integrated Photo ID module is designed to provide an easy to use and powerful tool for creating high quality personalized credentials. A sophisticated badge design tool allows for creation of professional looking template layouts. Features include...

- Dual sided badge design and printing
- Signature and fingerprint capture
- Proximity, Smart Card and Magstripe encoding
- Use of standard Windows compatible video and picture sources with direct access to native settings
- Multiple templates

Elevator Control

Integra32 URC-2008 controllers provide an inexpensive, simple to install and configure, PC independent way to control access to up to 32 floors per elevator cab.

HVAC & Lighting Control

The integrated I/O and Link capability of the Integra32 controllers make integration with existing HVAC and building automation systems possible.

Alarm Panels

Our PC-100 Format Converter Gateway allows our dealers to provide Central Station monitoring of Integra32 inputs and events by mapping them to 3rd party burglar alarm panels. Linking alarm panel's keypad and expansion module bus with an RS-485 communications bus of the Integra32 network, PC-100 makes it possible to eliminate hardwired input duplication by representing them to a burglar alarm panel as another native expansion module. This connection functions whether or not Integra32 software is running.

Integra32 provides many additional Alarm Panel integration features including "Access Granted" initiated alarm point shunt and arming/disarming based on...

- Access control activity
- "Two Swipe" locking/unlocking feature
- Locked/Unlocked state of Access Point
- Code Reader Link actions
- Schedules



IRC-2000... includes controller, enclosure, and power supply

IRC-2000 SERIES INTELLIGENT CONTROLLERS

IRC-2000 Intelligent Controllers allow control of two access control points (doors). They utilize flash firmware for easy upgrades, and employ fully distributed intelligence for off-line operations. Decisions such as access level changes, schedule activation, and card expiration are made by an IRC-2000 controller without need of a computer.

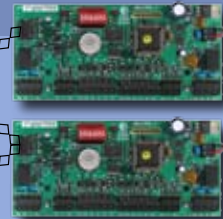
- 5,000 cardholder capacity expandable to 8,000
- 3,000 event buffer
- Distributed architecture
- Built-in clock & calendar
- Updatable flash firmware
- Optimal capacity :
 - 2 access points (doors)
 - 8 programmable inputs
 - 8 programmable outputs
- Supports RS-232, RS-485, and TCP/IP supervised communications
- Resetable fuse circuit protection



LIF-200... LAN / WAN gateway module, with RS-232 & RS-485 interfaces



IRC-2000



URC-2000



URC-2004... includes two URC-2000 controllers, enclosure, and power supply



URC-2005... includes two URC-2001 controllers mounted on a 19" rack mount plate

URC-2000 SERIES UNIVERSAL CONTROLLERS

URC-2000 Intelligent Controllers allow control of two access control points (doors). They utilize flash firmware for easy upgrades, and employ fully distributed intelligence for off-line operations. Decisions such as access level changes, schedule activation, and card expiration are made by a URC-2000 controller without need of a computer.

- 3,000 cardholder capacity
- 3,000 event buffer
- Distributed architecture
- Built-in clock & calendar
- Updatable flash firmware
- Optimal capacity :
 - 2 access points (doors)
 - 4 programmable inputs
 - 4 programmable outputs
- Supports RS-485, and TCP/IP supervised communications
- Resetable fuse circuit protection



Rack mounted URC-2005 modules

URC-2008 ELEVATOR CONTROLLER



URC-2008... includes controller, one ELEV8 module, enclosure, and power supply



Two ELEV8 modules, enclosure, and power supply

The URC-2008 Elevator Controller allows control of up to two elevator cabs with 8 floors total and can be expanded to control up to 32 floors with up to three additional ELEV8 Relay Output modules. It utilizes flash firmware for easy upgrades, and employs fully distributed intelligence for off-line operations. Decisions such as access level changes, schedule activation, and card expiration are made by the URC-2008 without need of a computer.

- 8 floors expandable to 32 (up to 4 ELEV8 modules per URC-2008)
- 3,000 cardholder capacity
- 3,000 event buffer
- Distributed architecture
- Built-in clock & calendar
- Updatable flash firmware
- Supports RS-485, and TCP/IP supervised communications
- Resettable fuse circuit protection
- Small footprint
- Simple to install



COMPATIBLE COMMUNICATIONS ACCESSORIES



H485-USB... USB converter with a RS-485 interface



PC-100... Burglar alarm panel direct interface module



RS232-10F... 10' RS-232 Cable with molded DB-9 connector



232-TERM... RS-232 DB9 adaptor with screw down terminals



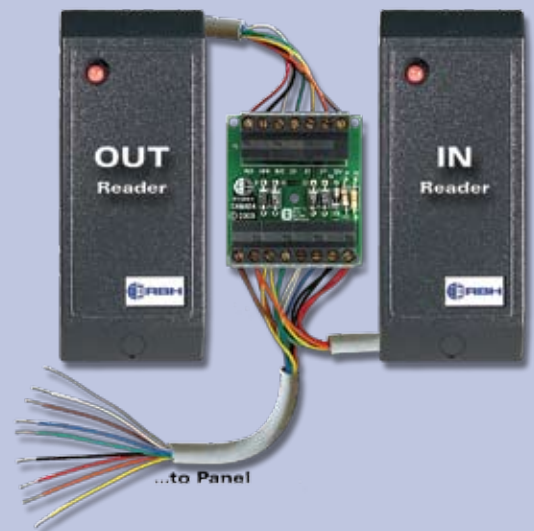
EXITDR EXIT READER MODULE

EXITDR is a flexible, convenient, and inexpensive way to control and track cardholder access in both directions through a door.

Only a single cable is required to connect both IN and OUT readers, thus reducing cost and making it possible to use existing wiring to add in/out tracking capability to existing doors.

Compatibility :	IRC-2000-4 or later URC-2000
Power :	10mA @ 12VDC
Dimensions :	51 x 46 x 20 mm (fits in single gang electrical box)

- Door IN/OUT control & tracking
- Low cost full Anti-Passback
- One cable - two readers
- Low power consumption



Hardware Comparison

	IRC-2000 SERIES INTELLIGENT CONTROLLERS	URC-2000 SERIES UNIVERSAL CONTROLLERS	URC-2008 ELEVATOR CONTROLLER
Panels per Network :	16		
Local PC & Remote Communications :	RS-232, TCP/IP Ethernet or RS-485, supervised	TCP/IP Ethernet or RS-485, supervised	
Communication Between Controllers :	Supervised RS-485		
Speed :	Programmable 9.6 - 56Kbps		
Distance :	4,000 ft (1,200 m)		
Type :	18 AWG, 2 conductor, twisted, shielded		
Cards per Panel :	5,000 expandable to 8,000 (up to 10 digit card no's)	3,000 (up to 10 digit card no's)	
Access Levels per Panel :	5,000 expandable to 8,000 (one per card per panel)	3,000 (one per card per panel)	
Site Codes per Panel :	10 (site code programming is not mandatory)		
Off-Line Transactions Buffer :	3,000 FIFO, command, and alarm priority		
Access Points (Readers/Keypads) :	2 with LED and Buzzer control		
Distance :	Max 500ft (150m)		
Type :	20 - 22AWG, 6 or 8 conductor, stranded, shielded		
Simultaneous Card Formats per Panel :	5, Wiegand or Clock & Data	5, Wiegand	
Programmable Supervised Inputs :	8	4	
Input Supervision :	4 state monitoring (1 or 2 resistors)	4 state monitoring (1 or 2 resistors)	
Distance :	Max 1,000ft (300m)	Max 1,000ft (300m)	
Cable Type :	20 - 22AWG, 2 conductor	20 - 22AWG, 2 conductor	
Programmable Outputs :	4 SPDT 2A @ 30VDC, dry contacts 4 Electronic drivers, 12VDC max, 100mA Programmable Fail Safe/Fail Secure	2 SPDT 2A @ 30VDC, dry contacts 2 Electronic drivers, 12VDC max, 100mA Programmable Fail Safe/Fail Secure	
Output mode :			
Power Requirements :	16.5 VAC, 40VA transformer		
Recommended Back-up Battery :	12V, 7AH lead acid or gel cell		



Head Office

RBH Access Technologies Inc.
2 Automatic Road, Suite 108
Brampton, ON Canada
L6S 6K8

Tel: +1-905-790-1515
Fax: +1-905-790-3680
info@rbh-access.com
www.rbh-access.com

Europe

ARAS & RBH Security
Group Ltd. F3 Enterprise Way
Vale Business Park
Evesham, Worcestershire UK
WR11 1GS

Tel : +44(0)-1386-425810
Fax : +44(0)-1386-425811
sales@aras-rbh.com
www.aras-rbh.com

USA

RBH USA, Inc.
60 Whitney Rd. Unit 14
Mahwah, NJ 07430, USA

Tel: 877-251-3550
Fax: 201-891-3420
info@rbh-usa.com
www.rbh-access.com

Distributed by :