

TOWN OF RICHMOND OFFICE PROJECT

BID FORM

Submit this page along with supporting documents as your complete bid

The undersigned, having become familiar with the scope of work as outlined in the description of project, hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, appurtenances, equipment and services required to complete the design and installation of an access control system for the **TOWN OF RICHMOND OFFICE PROJECT** per the plans and this invitation to bid, all for the lump sum price for work in place.

ACCESS CONTROL SYSTEM

Lump Sum (Number) \$: 41,500.00

Lump Sum (Written) Forty One Thousand Five Hundred Dollars

_____ Dollars

VIDEO SURVELLIENCE SYSTEM

Lump Sum (Number) \$: 3,500.00

Lump Sum (Written) Three Thousand Five Hundred Dollars

_____ Dollars

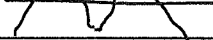
This proposal is guaranteed for thirty (30) days.

Bid submitted by:

Contractor: MEI Electrical Contractors

Address: 1571 VT-100, Westfield, VT 05874

Phone: 802-988-9678 E-mail: info@mei-vt.com

Contractor Authorized Agent Signature: 

Printed Name and Title: Adam Fortier - President

Date bid Signed: 12/3/2024



MEI ELECTRICAL CONTRACTORS MEI SYSTEMS INTEGRATORS

Main Office:
1571 VT-100 • Westfield, VT 05874

Branch Office:
338 Boyer Circle • Williston, VT 05495

Toll Free: 888-988-9678
Phone: 802-988-9678 | Fax: 802-988-9679
Email: info@mei-vt.com
Website: www.mei-vt.com

December 3rd, 2024

Richmond Town Office
203 Bridge St
Richmond, VT 05477

RE: Town of Richmond – Office Security Project

To whom it may concern:

MEI originally started in 1991 in Jay, Vermont as Mikes Electric, Inc with 3 employees. Steadily growing with the completion of many residential and commercial facilities in both the public and private sectors. Our main office is located in Westfield with a satellite office in Williston to help serve our customers.

Four project managers, one service manager and dedicated fire alarm and security/telecom division managers round out the project supervisory roles as required for an electrical contractor with two offices. All project managers are master electricians with anywhere from a decade to several decades of electrical experience. Currently we maintain an average 100 man work-force throughout the year. MEI is a dealer for Hochiki America fire alarms and can service/install many other brands as needed. Security wise we provide service for many systems but are a Bosch/Genetec/Avigilon dealer as well.

Services offered include design/build and new construction or renovation of existing facilities. Our abilities cover all aspects of the electrical spectrum such as power, lighting, security, telecommunication, fire alarm and surveillance systems. MEI has completed many projects in the public sector such as VT AOT and BGS along with federal customers such as SSA, CBP and GSA.

MEI has several dedicated security/surveillance technicians whose tasks typically involve the installation and service of access control and surveillance systems.

We are proposing the use of an Avigilon Alta Access Control/Surveillance Cloud solution for the control of (18) doors via wireless access and (2) exterior doors via wired access. Also included are (2) Avigilon cameras. Please see the attached pages for references and other project pertinent information as requested. Please note the first year of Avigilon Camera/Access subscription is included and subsequent annual cost is \$1,918.00 is to be paid by the town

Sincerely,

Adam Fortier
President

Attached: Bid Proposal Documents & Bid Form.



**ELECTRICAL CONTRACTORS
& SYSTEMS INTEGRATORS**
EFFICIENT QUALITY WORK

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Phone: 802-988-9678 | Fax: 802-988-9679

Email: info@mei-vt.com

Website: www.mei-vt.com

References:

Avigilon System Installations

Newport City School – Aaron Lawson – Aaron.Lawson@ncsuvt.org – (802) 334-5847

Barre Housing Authority – Kathy Letter – Kathy@barrehousing.org – (802) 476-5455

Security Installations

Newport City School – Aaron Lawson – Aaron.Lawson@ncsuvt.org – (802) 334-5847

Barre Housing Authority – Kathy Letter – Kathy@barrehousing.org – (802) 476-5455

Union Bank – Ron Dion – rdion@ublocal.com – (802) 279-7471

Warranty Coverage:

Parts: 5-year warranty on Avigilon parts. Schlage wireless electric locks have 1-year warranty from date of installation.

Labor: 1-year warranty on installation.

Warranty Exclusions:

Warranty only is applicable towards defects in manufacture or installation. Vandalism, misuse or other such activities causing damage are not covered by warranty.

Warranty Responsibilities/Time:

Client is responsible for reporting issues via MEI's service number (802) 988-9678. MEI will respond within 24 hours and issues resolved within a timely manner based on the issue presented (variance will depend on issue/parts availability). Technician will be scheduled within 48 hours during normal business hours.

Licensed in VT & NH

**Commercial • Industrial • Residential • Service • Design Build
Fire Alarm • Network • Security Systems • Access Control • Surveillance**



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Scope Letter

Richmond Town Office Security – Richmond, Vermont
December 3rd, 2024

Scope of Work:

- Furnish/Install wireless access controls & cylindrical locks for (18) doors.
- Furnish/Install wired access controls & cylindrical locks for (2) exterior doors. Per the walkthrough the interior door marked as a wired door is excluded.
- Furnish/Install (2) cameras.
- Furnish 1st year subscription fee for Avigilon access control/surveillance cloud fee.

Exclusions/Clarifications:

1. All plan check and engineering fees are excluded.
2. 6% Vermont sales tax has been excluded on all material in this proposal.
3. This quote is valid for 30 days from the date shown above.
4. All painting of electrical cabinets, equipment or conduits; except for touch up of standard factory finishes is by others.
5. All work is assumed to be during normal working hours from Monday to Friday. Work to be performed during nights, weekends and holidays are excluded.
6. This proposal excludes all costs associated with Davis Bacon & 2024 VT Prevailing Wage requirements.
7. This proposal excludes all costs associated with Buy-American Act requirements.
8. This proposal excludes all costs associated with existing code violations.
9. This proposal excludes all Utility company charges.
10. This proposal excludes a bid/payment/performance bond.
11. This proposal excludes a power connection to an office trailer.
12. This proposal excludes any costs in manufacturing of materials or delays due to supply-chain shortages.

Licensed in VT & NH

*Commercial • Industrial • Residential • Service • Design Build
Fire Alarm • Network • Security Systems • Access Control • Surveillance*



Northeast IS
YOUR BUSINESS TECHNOLOGY PARTNER

We have prepared a quote for you

Town of Richmond Office Project

Quote # CF020670
Version 1

Prepared for:

Town of Richmond

Jay Labare
jlabare@apexconsulting-llc.com

930 Albany-Shaker Rd.
Suite 102
Latham, NY 12110
www.northeast-is.com
518-869-3571



Statement of Work

At **Northeast IS**, we pride ourselves on offering only the highest quality products, backed by an exceptional level of service and support. Here are some highlights:

On-Call Technicians for Routine & Emergency Service 24/7/365

Although all vendors claim to have quick response times, only Northeast has the resources to truly deliver. Our 12 field service technicians are dispatched locally from our Colonie offices to ensure rapid response. On-Call technicians are available 24 hours a day, 7 days a week via radio pager and cell phone.

Dedicated Customer Service

Our dedicated Customer Service team works closely with you and your staff to ensure a smooth transition to your new system and can even help coordinate any changes to your telephone service. In addition, training of your employees is provided before, during and after the installation at no charge as long as you own your system.

Ongoing Consulting Services

Perhaps the least thought of but one of the most valuable services we offer our customers is our technical expertise and ongoing consulting services. Whether you have a simple question about a new feature or are interested in investigating whole new technologies, our knowledgeable sales consultants and system engineers are always available to develop customize solutions to your particular business problems.

Experienced and Certified Technical Staff

While most of our technicians have over 20 years of telecom experience, we conduct on-going training on both new technologies and new products on a routine basis. We maintain all manufacturer-required certifications as well as CompTIA A+ and Network+ certifications. This combination of experience and technical competency ensure that your organization will always receive outstanding service and support.

Financially strong & committed

Even the best company can only serve their customers if they stay in business. At Northeast, we have the distinction of being the only local vendor who has supported our customer continually since 1972. We have always been profitable and have a strong commitment to the Capital Region area.

Manufacturer supported and recognized

Due to the quality of our service we have been consistently recognized as leading business partner by the manufacturers we represent. Both Nortel and Mitel provide us with the highest level of sales and service support to ensure that our customers receive the best possible value from their communications systems.

We are confident that we have a track record like no other telecommunications vendor in the area. Our success has a great deal to do with the satisfaction of our customers and the value that we place in you. I am confident that once you have evaluated all of your options, you will find that **Northeast IS** offers the best combination of products, value and service available in the area.

Warranty Coverage

Access Control Devices (Door controllers, Proximity Readers, Wireless Locksets, Maglocks, Power Supply, PC & Ethernet switch) - 2 Years

Cameras - 4 Years

Labor - 1 Year

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Statement of Work

Exclusions

All locksets include Schlage cylindrical cores. Quotation excludes any modifications to existing locksets not replaced in this project.

References

Riverside Life Enrichment Center

2104 E Burke Rd.

Lyndonville, VT 05851

(802) 626-3900

Peter Coutu

Lamoille Area Adult Day Services

11 Court Street

Morrisville, VT 05661

(802) 888-7045

Peter Coutu

Village of Scotia

4 No. Ten Broeck Street

Scotia, NY 12302

(518) 374-1071

David Wood

City of Watervliet

2 Fifteenth St

Watervliet, NY 12189

(518) 270-3810

David Wheatley

Helping Hands School

4 Fairchild Square

Clifton Park, NY 12065

930 Albany-Shaker Rd.
Suite 102
Latham, NY 12110
www.northeast-is.com
518-869-3571



Statement of Work


(518) 664-5066

Linda Church

Service & Response Time

Northeast IS shall provide regular service during normal business hours (8:00 a.m. to 4:30 p.m., except holidays). Emergency service outside of normal business hours will be provided seven (7) days a week & twenty-four (24) hours a day. Response to non-emergency service requests will be within one business day. Response to emergency service request will be within 2 hours.





Products

Product Details	Qty
S-BASE-KIT-S	1
infinias ESSENTIALS Software Kit. This kit contains the following: (1) infinias USB Flash Drive with infinias Access Installer, (1) infinias ESSENTIALS Software License, (2) S-ACC-CLM infinias clamshell HID compatible cards, (2) S-ACC-PVC infinias printab	
V1FFJ	1
OPTIPLEX SMALL FORM FACTOR (7020) CORE_I5-1450016GB (1DIMM) 256GB SS INTEL HD RW WLS W11 1DP 1HDMI7USB-A 1USB-COptiPlex Small Form Factor 7020 - Intel - Core i5 - Processor /Number: 14500 - 2.6GHz - 14-Core - 5GHz - DDR5 - 16GB RAM- 256GB SSD - Intel	
DELL-P2423D	1
DELL 24 MONITOR - P2423D	
ECS1528FP	1
EnGenius Cloud Managed 410W PoE 24Port Network Switch - 24 Ports - Manageable - 2 Layer Supported - Modular - Twisted Pair, Optical Fiber - 1U High - Rack-mountable, Desktop, Wall Mountable - 2 Year Limited Warranty	
	
S-DOOR-KIT-MPW	2
Single Door Kit – 3xLOGIC MPW Wiegand prox reader. This kit contains the following: (1) S-EIDC32 - PoE network door controller, (1) S-SMB- 5075 Surface Mount Box, (1) R-MPW-CHAR-AH (Minimum order quantity: 1)	
S-ENGAGE-GATEWAY	6
ENGAGE Gateway with RS-485, IP (PoE), and Wireless connectivity. For Use With infinias Wireless Lock Solution	

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Products

Product Details		Qty
S-WL-KIT-CT-01	Allegion Wireless Lock and Infinias Wireless Lock SingleLicense Kit. This kit includes: (1) S-WL-CT-01 AllegionWireless Lock in Brushed Stainless Steel, (1) S-WL-1-EL Infinias Wireless Lock - SingleLicense - Electronic Version	18
S-ACC-AKT	Infinias Keyfob - HID compatible (125KHz). Minimum order quantity: 25.	250
XMS	Securitron Motion Sensor - Wireless - White	2
BT126	Altronix Security Device Battery - For Security Device - Battery Rechargeable - 7000 mAh - 12 V DC - 1	2
		
EFLOW3N4D	Altronix Four (4) PTC Outputs Power Supply/Charger - Wall Mount - 120 V AC Input - 12 V DC, 24 V DC Output - 4 +12V Rails	1
		
0E-MAG1200DB	ADI PRO 0E-MAG1200DB 1200 lb 12/24VDC Double Door Maglock	2
		
VX-5M28-MD-IAW-S256	VISIX 5MP, Fixed 2.8mm Lens, Indoor/Outdoor Vandal Proof Mini-dome with IR, True WDR, and Mic. IP67/IK10 rated with All-in-One Functionality and 256GB SD Card	2
		
VX-GP-02	Gang Box Adapter for VX-5M28-MD-IW, VX-5M4-MD-IW, VX-5M-OD-RIAW, VX-6M-360-IA-02, VX-2M-OD-RIAW, VX-8M-OD-RIAW, VX-SMBK-D-IW, VA-2MD-OD-RIWH-02, VX-2M-OD-RIAWH, VX-2M-ID-RIAW	2

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Services

Product Details

Provisioning of infinias access control software, programming of doors and training

Cabling and Installation of door controllers, wireless locksets, maglocks and cameras

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Town of Richmond Office Project



Prepared by:
Northeast IS
C.G. Frink
518-867-4111
cgfrink@northeast-is.com

Prepared for:
Town of Richmond
203 Bridge St.
PO Box 285
Richmond, VT 05477
Jay Labare
(802) 288-0344
jlabare@apexconsulting-llc.com

Quote Information:
Quote #: CF020670
Version: 1
Delivery Date: 12/03/2024
Expiration Date: 12/19/2024

Acceptance and Incorporation by Reference

This Order together with the Master Services Agreement and Service Attachments and other terms and conditions identified on Exhibit A, all of which are incorporated herein by reference (collectively, the "Agreement") is between Northeast IS (sometimes referred to as "we," "us," "our," or "Provider"), and the customer found on the signature block at the end of this Order (sometimes referred to as "you," "your," or "Client"). This Agreement is effective as of the date both parties have signed below (the "Effective Date"). Both Provider and Client are sometimes referred to individually as a "Party", or together as the "Parties". Any capitalized terms in this Order not directly defined are referred to in the applicable documents identified on Exhibit A of this Order. If there is a conflict between this Order, the Master Services Agreement, any Service Attachment, or Exhibit, this Order will control.

By signing or accepting this Order, Client acknowledges, represents, and warrants that it has read and agrees to the terms and conditions identified on Exhibit A to this Order which are incorporated as if fully set forth herein.

The parties hereby agree that electronic signatures to this Order shall be relied upon and will bind them to the obligations stated herein. Each party hereby warrants and represents that it has the express authority to execute this Agreement(s). This Order supersedes all prior negotiations, proposals, orders, agreements and communications between the parties regarding Provider's Services.

Provider may make changes to the Agreement at any time. If there are changes, Provider will revise the date at the top of the document. Provider may or may not provide Client with additional notice regarding such changes. Client should review the terms and conditions regularly. Unless otherwise noted, the amended terms and conditions will be effective immediately, and your continued use of the Services thereafter constitute your acceptance of the changes. If you do not agree to the amended terms and conditions, you must stop using the Services immediately. Please note, you may incur a termination fee or other third-party fees, if applicable.

The parties, acting through their authorized officers, hereby execute this Agreement.

Northeast IS

Town of Richmond

Signature: _____
Name: C.G. Frink
Title: President
Date: 12/03/2024

Signature: _____
Name: Jay Labare
Date: _____

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Exhibit A

Agreement	Description
<u>Master Services Agreement</u>	General terms and conditions applicable to all Provider products and services.
<u>Services Attachment for Managed Services</u>	Core managed services including monitoring, remote management, and help-desk.
<u>Data Processing Agreement</u>	Data security and privacy agreement including statutorily required terms.
<u>Service Level Objectives</u>	Targeted response times by tier of severity.
<u>Schedule of Services</u>	Description of managed services offered by Provider.
<u>Service Attachment for Managed Video Surveillance</u>	Video surveillance services.
<u>Service Attachment for Access Control Services</u>	Physical and electronic access control services.
<u>Schedule of Third-Party of Services</u>	Notice of third-party services and waiver of claims.

TOWN OF RICHMOND OFFICE PROJECT

BID FORM

Submit this page along with supporting documents as your complete bid

The undersigned, having become familiar with the scope of work as outlined in the description of project, hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, appurtenances, equipment and services required to complete the design and installation of an access control system for the **TOWN OF RICHMOND OFFICE PROJECT** per the plans and this invitation to bid, all for the lump sum price for work in place.

ACCESS CONTROL SYSTEM

Lump Sum (Number) \$: 52,027.00

Lump Sum (Written) Fifty Two Thousand Twenty Seven Dollars

VIDEO SURVELLIENCE SYSTEM

Lump Sum (Number) \$: 1,863.00

Lump Sum (Written) One Thousand Eight Hundred Sixty Three Dollars

This proposal is guaranteed for 30 days.

Bid submitted by:

Contractor: Northeast IS

Address: 930 Albany Shaker Rd, Latham, NY 12110

Phone: 518-867-4111 E-mail: cgfrink@northeast-is.com

Contractor Authorized Agent Signature: _____



Printed Name and Title: C. G. Frink, President

Date bid Signed: 12/3/2024

infinias® ESSENTIALS

The infinias ESSENTIALS Base Software Kit provides all of the essentials needed to deliver broad access control capabilities to conveniently secure and manage your location, within a simple, intuitive browser-based user interface. The software allows you to view events and associated playback video, and report on any or all events and alarms. Define multiple security roles, access and privileges for individual users, and use the powerful 'rules engine' to perform a variety of functions including: defining schedules and holiday sets, sending push notifications to Site Access mobile app users, and designing, building and printing badges with Microsoft Report Builder 3.0.

The infinias ESSENTIALS Base Software Kit includes pre-installed templates including wiring diagrams that help ensure accurate and efficient installation and offers broad integration with a wide variety of industry-leading video surveillance manufacturers. The Base Software Kit makes it easy and convenient to secure your business, and saves you money thanks to an unlimited door license and support for unlimited number of doors and events, as well as up to unlimited card holders.

Key Features & Benefits

- **Responsive Design User Interface:** Software auto-adjusts to the size of the browser window, simplifying interaction with the software on any device type.
- **Integrated 3xLOGIC Video:** Conveniently view playback video for a specific event or live video for a specific door, directly from a web browser or by using the 3xLOGIC Site Access mobile app.
- **Push Notifications:** Send Notifications via the Site Access Mobile App either adhoc or via the Rules Engine as exception based notifications to a group of people.
- **Site Access Mobile App for Mobile Management:** View Events, Disable Card Holders & View Video from Associated Cameras & use our QR Code feature for simple hardware setup.



- **Use Mobile Credential App in lieu of Physical Card:** Momentarily unlock User Assigned Doors, Use Location Services for restricting access and increase security by using Multi-factor authentication.
- **Customizable Rules Engine:** In addition to common access control features, infinias' powerful rules engine allows you to build your own. Define events, advanced filters, and actions to create an unlimited set of custom features that deliver the results required for your application. With infinias, the power is in your hands.
- **People & Groups:** Easy management. Manage people, groups, roles, privileges, and credentials from a single screen.
- **Door Status:** Improve monitoring. Status icons provide improved door status monitoring. Hover over an image in the legend to bring up a tool tip that explains the icon.
- **Auto Discovery:** Simplify configuration. Auto discovery of door controllers makes configuration easy. Any additional doors added to the system at a later date can benefit from auto discovery as well.
- **Badges & Reports:** Run reports and create badges. infinias ESSENTIALS uses Microsoft's SQL Server Reporting Services to host badges and reports. Many IT groups already use this solution internally and have their own SQL expertise.

FEATURES

# of Doors:	Unlimited
# of Events:	Unlimited
# of Card Holders:	Unlimited
# of Managed Customers:	Unlimited
# of Security Roles:	(3) Supervisor, HR, User
Video Integration:	Web Browser and Mobile event monitoring with Integrated Video via 3xLOGIC VIGIL Integrated Video via Milestone XProtect®

STANDARD REPORTS*

- ▣ Audit Log
- ▣ Cardholder Detail
- ▣ Event
- ▣ Picture Badge
- ▣ Privileges
- ▣ Barcode Sample
- ▣ Door Events
- ▣ Group Report
- ▣ Zones and Doors
- ▣ Logo Badge
- ▣ Logo Picture
- ▣ Mobile Credential QR Activation

*Additional reports can be selected from a library of reports or custom reports can be made.

GENERAL

Product Name: infinias ESSENTIALS Base Software Kit
SKU: S-BASE-KIT-S

INCLUDED COMPONENTS

S-IA-ESS x 1	infinias ESSENTIALS Software License
S-ACC-CLM x 2	infinias Clamshell Credentials Card
S-ACC-PVC x 2	infinias PVC Credentials Card
S-ACC-AKT x 2	infinias Credentials Key Fob
S-IMC-2 x 1	infinias Mobile Credential License 2 Pack
S-HAR-0069 x 1	Short Arm Security Hex Key

OPTIONAL ACCESSORIES

S-EIDC32	Ethernet Integrated Door Controller
S-DOOR-KIT-WH	infinias Single Door Add Kit with HID Prox Reader
S-DOOR-KIT-WH-ST	infinias Single Door Add Kit with HID Prox Reader, Door Strike and Sensors
R-MPW-CHAR-AH	3xLOGIC Mini Metal Charcoal Surface Mount Proximity Reader
R-MPADW-CHAR	3xLOGIC Mini Metal Charcoal Surface Mount Back-lit Keypad
R-MPKW-CHAR-AH	3xLOGIC Mini Metal Surface Mount Exit Sensitive Device
R-MEXIT-CHAR	3xLOGIC Mini Metal Charcoal Surface Mount Button
PLATEGB-CHAR	US Metal Charcoal Colored Plate for Single Gang Box
PLATEDGB-CHAR	US Metal Charcoal Colored Plate for Double Gang Box
S-ACC-CLM	infinias Clamshell Access Control Card
S-ACC-PVC	infinias Printable Access Control Card
S-ACC-AKT	infinias Access Control Keytag

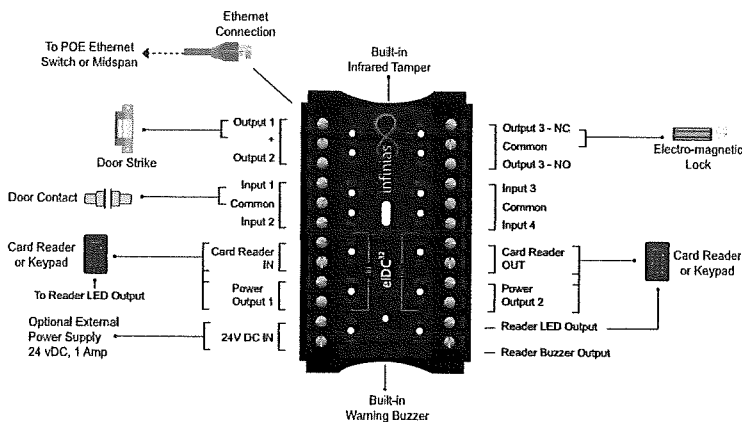
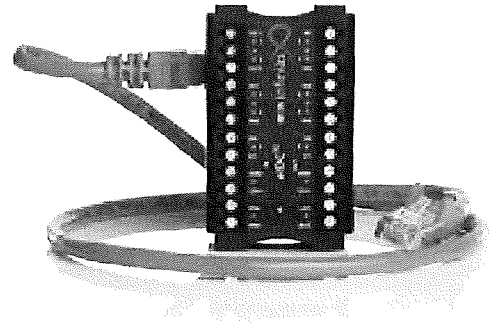
OPTIONAL MOBILE CREDENTIAL ACCESSORIES

S-IMC-2	infinias Mobile Credential License 2 Pack
S-IMC-10	infinias Mobile Credential License 10 Pack
S-IMC-20	infinias Mobile Credential License 20 Pack
S-IMC-50	infinias Mobile Credential License 50 Pack
S-IMC-100	infinias Mobile Credential License 100 Pack

infinias® Ethernet-Enabled Integrated Door Controller (eIDC³²)

The infinias eIDC³² door controller is a compact, 2 inch PoE-enabled door controller that makes installation at the door simple and scalable. This tiny device supports single door to multi-site IP-based access control systems and manages up to 64,000 credentials. Our door controllers are fully-integrated and make adding a door to your network easy and affordable.

The eIDC³² delivers the power you need in the smallest form factor in the industry. This 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 ideal solution for virtually any access control installation.



Key Features & Benefits	
Compact single door controller mounts at the door in a double gang box for easy installation	✓
Uses existing network infrastructure and connects to closest network switch with single Cat 5/Cat 6 cable	✓
PoE carries both data and power for controller and peripheral door hardware	✓
3-state alarm monitoring and anti-passback for enhanced security	✓
Buffers up to 16,000 local events when disconnected from the host (so-events are never lost)	✓
Secure transmissions with end-to-end AES 128-bit encryption	✓
Embedded web software for single-door standalone applications enables browsing through controller	✓
Supports DHCP and Static IP addresses	✓

GENERAL

Readers:	2
Doors:	1
Cards:	8,000 in Web Mode 5,000 with Supervisor Plus 64,000 with infinias Access Control Management software
History:	16,000 transactions (web mode)
Schedules:	255
Holidays:	48
Power:	Direct from PoE switch or external power supply (24 VDC, 1 A)
Communication:	Ethernet, 10Base-T
Max Distance:	100 m (328 ft)
Switch:	Cat5, Cat5e, Cat6

READERS

Power:	12 VDC at 250 mA per reader
Types:	Wiegand format
Wire:	6 conductor, 500 ft

INPUTS

1-4:	Configurable inputs, contact closure or transistor-transistor logic (TTL), with optional end of line resistor (EOLR) supervision
Tamper:	Integrated infrared tamper
Wire:	2 conductor, 2,000 ft

OUTPUTS

1 & 2:	Open collector outputs with electronic overload protection (max 450 mA at 12 VDC)*
3:	Form C, SPDT relay output with configurable initial state (max 5 A at 250 VAC)
4:	Built-in warning buzzer or alarm tone generator (max 80 dB)
Reader:	LED output Buzzer output
Wire:	2 conductor, 2,000 ft

PHYSICAL

Dimensions:	1.30" D x 1.70" W x 2.82" H (3.30 x 4.32 x 7.16 cm)
Enclosure:	2.84" D x 4.30" W x 4.30" H (7.20 x 10.90 x 10.90 cm)
Plaster Ring:	0.48" D x 4.75" W x 4.75" H (1.20 x 12.10 x 12.10 cm)
Cover Plate:	0.48" D x 4.75" W x 4.75" H (1.20 x 12.10 x 12.10 cm)
Unit Weight:	3.7 oz (105 g)
Shipping Weight:	1.0 lb (0.45 kg) approximate

ENVIRONMENTAL

Operating Temp:	32° to 120°F (0° to 49°C)
Storage Temp:	-40° to 150°F (-40° to 66°C)
Humidity:	0% to 85% relative, non-condensing
Certifications:	CE, Class A, FCC part 15, Class A, UL 294

WARRANTY

Period:	2 Year Replacement
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PART NUMBER

S-EIDC32:	Infinias® Ethernet-Enabled Integrated Door Controller
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RECOMMENDED ACCESSORIES

S-SMB-5075:	Surface Mounting Box
S-RACK-006:	Rackmount Adapter

NOTES

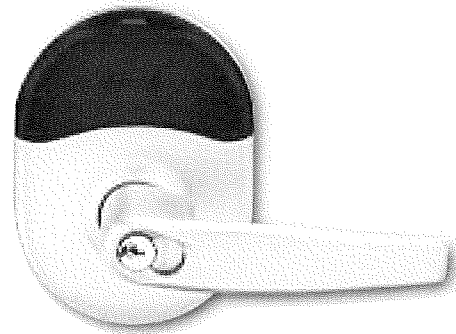
- The maximum total of all output power from the eIDC³² is 750 mA.
- The maximum output to either reader is 250 mA.
- The maximum output from the combined open collectors is whichever of the following is less: 450 mA or 750 mA less the sum of the readers.



SCHLAGE

NDE

Wireless cylindrical lock
 NDEB – mobile enabled
 with interior push button
 NDE – standard



Overview

The Schlage® NDE wireless cylindrical lock is designed to affordably extend electronic access control deeper into the building beyond traditional perimeter and high security openings. And now Schlage offers the NDE wireless lock with a mobile enabled option that gives users the security and convenience of using a smart device to gain access¹.

NDE wireless locks simplify installation by combining the lock, credential reader, door position sensor and request-to-exit switch all in one unit. NDE wireless locks require only minor modifications to existing mechanical Schlage ND cylindrical door prep; and eliminate the need to install additional components or run wires to each opening.

The new NDEB mobile enabled wireless lock also has an interior push button with indication that expands the way the lock operates to include storeroom, office, privacy and apartment functions.

NDE wireless locks can be set up and configured wirelessly with a connected smartphone or tablet - no proprietary device needed. With the ENGAGE™ cloud-based web and mobile apps, it's easy to configure lock settings, add users, and view audits and alerts from virtually anywhere. And using the built-in Wi-Fi®, automated daily updates to lock configuration and user access rights are possible.

The open architecture design allows for advanced capabilities including networked real-time communication. Using the ENGAGE Gateway and an integrated solution from one of our physical access control software (PACS) providers,² Schlage offers organizations the freedom to use the solution of their choice.

The NDE is ideal for office and suite entries, conference rooms, common area doors, resident units, and sensitive storage areas with cylindrical door prep. NDE suites with all Schlage ND levers and keyways, and most finishes, providing attractive options to meet the requirements of nearly any environment.

¹ Use of mobile credential on the LEB mobile enabled lock is dependent on availability of compatible mobile credential

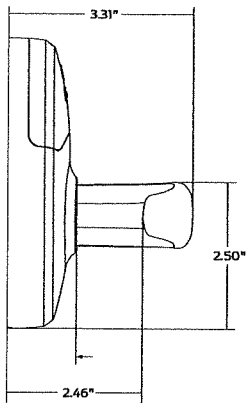
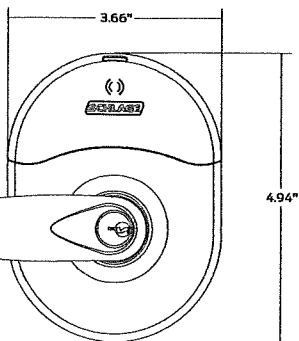
² Integration with NDEB mobile enabled wireless locks required for operation. For information on PACS providers and their capabilities visit us.allegion.com/alliances.

Features and benefits

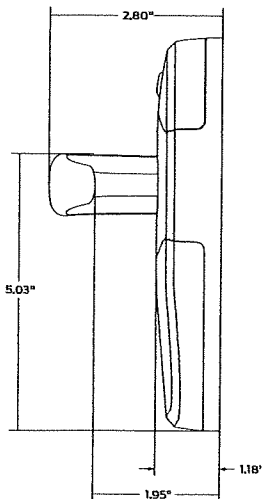
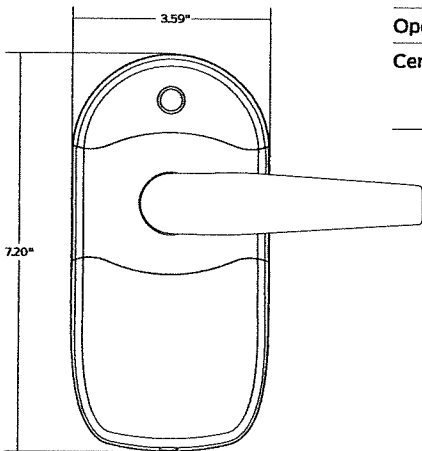
- New NDEB option is ready for the future with the ability to read Bluetooth and NFC mobile credentials¹
 - Supports Mobile Student IDs in Apple Wallet (NDE and NDEB)
- NDEB includes interior push button with indication for storeroom, office, privacy, and apartment applications
- Wireless configuration from connected smartphones and tablets
- Built-in Wi-Fi® enables automated daily updates sent directly from host software
- Networked real-time communication available with the ENGAGE Gateway and PACS provider solutions
- Designed to be easy to install, connect, manage, and use
- Fits mechanical ND door prep with minor modifications
- Weather resistant design for use on perimeter doors
- Lever handing is field reversible in seconds; no tools required
- Up to 2 years of battery life

CYBERSECURITY
 Learn about Allegion's commitment

Exterior of the lock



Interior of the lock



Schlage · NDE

NDE wireless lock specifications

Users	Up to 5,000 ¹
Audits	Up to 2,000 ²
Credential verification time ³	Smart and proximity: ≤ 1 second Mobile: mobile device dependent
Visual communications	LED (red, amber, green)
Audible communications	Audible indicator (field configurable)
Communication standards	<ul style="list-style-type: none"> ▪ 2.4 GHz Wi-Fi® (IEEE 802.11b/g/n) ▪ WPA2, WPA, WEP, 802.1x ▪ Bluetooth® low energy (version 4.2) ▪ Transport Layer Security (TLS) version 1.0 ▪ Advanced Encryption Standard (AES), 256-bit
Gateway communication range	Up to 30' in typical building environments. A detailed site survey is recommended using the ENGAGE Test Kit (TKE). Reference ENGAGE™ Gateway Data Sheet for additional detail.
Wake-Up on Radio	Responds to command from host in less than 5 seconds when linked to ENGAGE Gateway (requires PACS provider system)
Data rate	24 Mbps via Wi-Fi
Connectivity options	<ul style="list-style-type: none"> ▪ Mobile device (send updates at the lock) ▪ Wi-Fi access point (automatic daily updates⁷) ▪ No-Tour with MT20W enrollment reader and smart credentials ▪ ENGAGE Gateway (real-time communication) <ul style="list-style-type: none"> - RS-485 to ACP or IP to host
Battery life ⁴	Uses 4 AA batteries Smart, proximity and NFC mobile: up to 2 years BLE mobile: up to 1.5 years
Operating temperature	Exterior: -31° to 151°F (-35° to 66°C) Interior: 32° to 120°F (0° to 49°C) (battery)
Operating humidity	0 - 100% non-condensing
Certifications	ANSI/BHMA A156.25-2013 (Indoor/Outdoor), ANSI/BHMA A156.2-2011, Series 4000, Grade 1, UL 294, UL 10C, CSA C22.2 No. 205-M1983, FCC Part 15, IC RSS-210, ADA, RoHS, ICC ANSI A117.1

Functionality

- NDEB with Interior Push Button
 - Storeroom
 - Office
 - Privacy
 - Apartment
- NDE
 - Storeroom

NDEB and NDE come with Vandlgard® standard

Available status signals

- Request-to-exit
- Door position
- Interior cover tamper⁵
- Magnetic tamper
- Battery status
- Lock/unlock status⁶
- Communication status⁷

Flexible solutions

NDE wireless locks offer connectivity options to fit any size budget or business.

- 1 Mobile
- 2 No-Tour with MT20W
- 3 Wi-Fi
- 4 Real-time with ENGAGE Gateway

ENGAGE™ cloud-based web and mobile applications



The ENGAGE cloud-based web and mobile applications deliver simple and convenient site set-up with basic access management for users and locks.^{1,3} Please refer to the ENGAGE data sheet for additional detail.



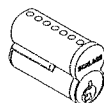
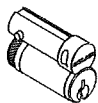
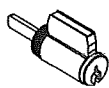
¹ Maximum database storage capacity of lock. Can vary by access control software database capacity.
² Maximum audit storage capacity of lock. Can vary by access control software audit storage capacity.
³ Response time does not include latency time of host when linked with an ENGAGE Gateway or when using No-Tour.
⁴ Assuming indoor application, default settings, 80 actuations, interior LED disabled and one Wi-Fi update per day.

⁵ Consult your access control software provider for specific scope of support.
⁶ Software indicates lock/unlock status based on sequence of events.
⁷ When using the ENGAGE cloud-based access management software.

Mechanical specifications

Chassis	Cylindrical
Handling	Right-handed from factory. Field reversible in seconds (no tools required)
ANSI standard (Meets or exceeds)	ANSI/BHMA A156.25-2013 (Indoor/Outdoor) ANSI/BHMA A156.2-2011, Series 4000, Grade 1
Door thickness	Standard: 1 5/8" - 2" (41mm - 51mm) only
Backset	Standard: 2 3/4" (70mm) Optional: 2 3/8" (60mm)
Latch bolt	Standard: 1/2" (12mm) throw deadlatch (steel) Optional: 3/4" (19mm) throw anti-friction deadlatch available for pairs of fire doors
Levers	Pressure cast zinc, plated
Strike	Standard: 1 3/16" lip, ANSI, DPS, 1 1/4" x 4" Optional: Additional strikes, lip lengths and ANSI strike box available
Cylinder and keys	Standard: Schlage 6-pin Everest 29 S123 keyway Conventional cylinder with two patented keys. Additional keying options available, including Interchangeable cores, competitor brands, master keying and grand master keying

Compatible cylinders



Schlage key systems	Conventional key-in-lever cylinder	Full size interchangeable core	Small format interchangeable core
With cylinder	PD, ZD	RD	GD
Construction Core	----	T	HD
Disposable Core	----	----	BDC
Less Cylinder	LD	JD	BD
Compatible cylinders listed above are supported on all levers.			
Sargent - Less Cylinder	LD SAR	JD SAR	----
Corbin - Less Cylinder	LD CO6	JD CO6, JD CO7	----
Yale - Less cylinder	----	JD YA6, JD YA7	----
Medeco - Less cylinder	----	JD MED	----
Six-pin competitive cylinders listed above are supported on ATH, SPA, RHO, and TLR levers. Seven-pin competitive cylinders listed above are supported on RHO levers.			

NDE to NDEB Retrofit Kit

Retrofit kits are available allowing the upgrade of existing NDE locks to the NDEB model, adding mobile enabled functionality and new functions supported by an interior push button with indication.

▪ Kit Includes: Interior escutcheon with PCBA and DPS with lead (requires modified door prep)*

* Kit requires reuse of exterior of lock, lock chassis, existing levers/spring cages, battery cover, mounting screws and interior mounting plate.

Multi-technology reader specifications

Credential technologies	Proximity (125 kHz), Smart (13.56 MHz), Bluetooth Low Energy (BLE) (2.4 GHz), and Near Field Communication (NFC)
Standards	ISO standard 15693 and ISO 14443
Maximum read range	Proximity: up to 1.25" Smart: up to .75" Bluetooth Low Energy: up to 15' NFC: mobile device dependent
Proximity credential compatibility	Compatibility: Schlage®, ISONAS™, HID®, GE/CASI ProxLite®, AWID® and LenelProx® Schlage credential style formats: Clamshell, ISO card, ISO card with magnetic stripe, keyfob, thin keyfob, PVC adhesive disk
Smart credential compatibility ¹	Secure sector compatibility: Schlage MIFARE Classic®, Schlage MIFARE Plus®, Schlage MIFARE® DESFire® EV1 with PACSA CSN only compatibility: DESFire, HID iClass®, Inside Contactless Pico Tag®, MIFARE, MIFARE DESFire EV1, ST Microelectronics®, Texas Instruments Tag-It®, Phillips I-Code® Schlage credential style formats: Clamshell, ISO card, ISO card with magnetic stripe, keyfob, thin keyfob, wearable wristband, PVC adhesive patch
Mobile credential compatibility	Schlage Mobile Access Credential with Bluetooth ² , Integrated PACS mobile credential with Bluetooth ³ , NFC-enabled mobile devices ⁴

¹ No-Tour applications require a 1K Byte Schlage MIFARE smart credential

² Supported through ENGAGE

³ Dependent on PACS provider capabilities. Visit us.allegion.com/alliances for more information

⁴ See minimum supported guidelines

Ordering information

NDEB - PD-SPA-626

Series	Lever cylinder	Outside Lever style Finish	Inside Lever style Finish	Backset and latch	Strike	Dim	Additional details

Selections correspond with the numbers above

Standards options are indicated in bold. See price book for specific configuration options.

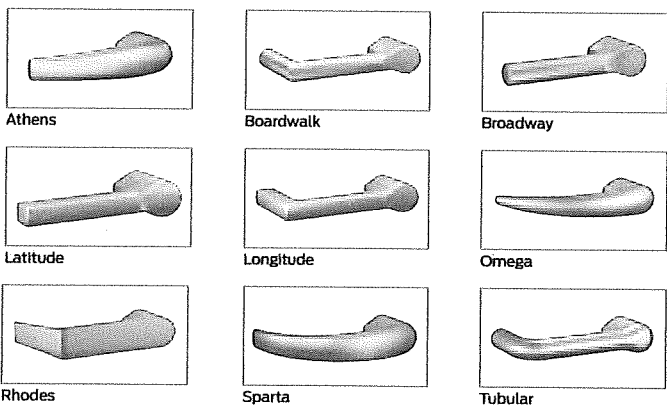
1	Series
NDEB	Schlage Mobile enabled cylindrical (with configurable functions)
NDE80	Cylindrical (storeroom)
Prior to ordering NDEB mobile enabled wireless locks please confirm integration status of lock with preferred PACS provider. Integration is required for lock operation within a PACS solution. For Information on PACS providers and their capabilities visit us.allegion.com/alliances .	
2	Lever cylinder type
PD	Schlage 6-pin Conventional cylinder
See price book for other SFIC, FSIC and Less Cylinder options available. Compatible with Schlage, Sargent, Corbin and Yale.	

3/5	Lever style
ATH	Athens*
BRK	Boardwalk*
BRW	Broadway*
LAT	Latitude
LON	Longitude
OME	Omega
RHO	Rhodes*
SPA	Sparta*
TLR	Tubular*
* Available with tactile surface	
4/6	Finish
626	Satin chrome
605	Bright brass
606	Satin brass
612	Satin bronze
619	Satin nickel
622	Matte black
625	Bright chrome
643e	Aged bronze
626AM	Satin chrome antimicrobial

7	Backset and latch
13-247	2 3/4" backset, deadlatch, square corner, 1 1/8" x 2 1/4"
See price book for additional backset and latch options	
8	Strike
47267101	1 1/4" x 4 7/8" with 1 3/16" lip (NDEB)
10-130	1 1/4" x 4 7/8" with 1 3/16" lip and magnets for door position sensing (NDE80)
See price book for other available strikes	
9	Dim (strike lip length)
138	1 3/8" non-standard lip length
Enter only for non-standard strike lip lengths. See price book for other available non-standard lengths	
10	Additional details
S123	Everest 29
See price book for other available keyway options including restricted keyways in Primus XP high security cylinders and master keying	

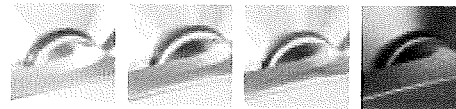
Lever styles

The NDE shares the same levers as ND. All NDE locks feature mechanical key override; standard, SFIC or FSIC options available.



Finishes

Warm tone finishes



605 Bright brass 606 Satin brass 612 Satin bronze 643e Aged bronze

Cool tone finishes



619 Satin nickel 622 Matte black 625 Bright chrome 626 Satin chrome 626AM Satin chrome with antimicrobial

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About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit www.allegion.com.

KRYPTONITE ■ LCN ■ **SCHLAGE** ■ STEELCRAFT ■ VON DUPRIN



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VISIX 5MP, Fixed 2.8mm Lens, Indoor/Outdoor Vandal Proof Mini-dome with IR and True WDR, Audio and Mic. IP67/IK10 rated.

The VX-5M28-MD-IAW is 5 Megapixel, indoor/outdoor, mini-dome IP camera. This camera is IK10 vandal resistant, has 120dB WDR, audio, and built-in IR making the VX-5M28-MD-IAW a versatile camera fitting most every entry-level indoor/outdoor installation requirements.

The VX-5M28-MD-IAW is compatible with the entire VIGIL Software Suite, including direct access through VIGIL Client and our mobile app View Lite II, as well as with VIGIL Central Management for remote health monitoring and notification.

The VX-5M28-MD-IAW also supports dual streaming. This combined with VIGIL Server's Substream Motion Detection and RapidStream technologies allows the camera to be viewed remotely in both live and playback modes with minimal impact on your network.



Typical Use Cases



**K-12
EDUCATION**



**WAREHOUSE &
DISTRIBUTION**



**MALL/MEDIUM
BUSINESS**

Key Features and Benefits

VIGIL CLOUD™	✓
Lens	2.8mm Fixed
Resolution (MegaPixel)	5
IR Range	30m
Audio (Mic)	✓
H.264/H.265/MJPEG	✓
Wide Dynamic Range	120 dB
IK10 Impact-Resistant	✓
IP67 Weather-Resistant	✓
4 Year Warranty	✓
Base Analytics	✓

What's in the Box

Template Sheet
Torx Wrench
Waterproof Cap & Gasket
Screws & Anchors
Mount Bolts & Nuts

Camera

Image Sensor	1/2.8" 5.14M CMOS (Sony Starvis)
Lens	2.8 mm, F1.8
Motorized?	No
Angle of View	D : 125.5°, H : 102.4°, V : 77.4°
Min Illum	0.06 Lux, 0Lux with IR (F1.8)
IR Range	30m
Shutter Time	1/15 ~ 1/32000
Day/Night	TDN (True Day & Night)
WDR	120dB

Compression Standard

Video Compression	H.264, H.265, MJPEG
Bit Rate	100Kbps ~ 10Mbps
Video Streams	2592x1944p30 + 480p30

Image

Max Resolution	2592 x1944
Frame Rate	30fps

Functions

Alarm Triggers	Motion Alarm, Network disconnection, Temperature critical
Local Storage	Micro SD / SDHC / SDXC
SD Card Capacity	128GB
Security	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication
Protocols	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF
Sys. Compatibility	CGI API, ONVIF (Profile S)

Physical

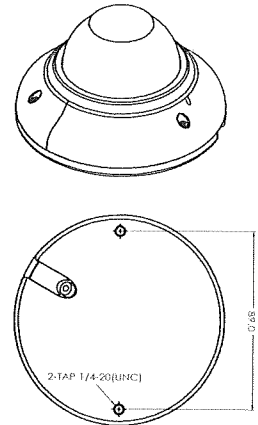
Op. Conditions	-30°C ~ 50°C (-22°F ~ 122°F)
Humidity	10~90% RH (non-condensing)
Weather Proofing	IP67
Impact Protection	IK10
Housing Material	Aluminum
Dome Material	Lexan 143R
Dimensions (D x H)	Ø105 x 60.7 mm
Weight	0.36kg

Electrical

Power Supply	DC DC12V / POE IEEE 802.3af class2
Power Consump.	DC12V Max 6W / PoE Max 7.2W

Certifications and Compliance

FCC Part 15, Subpart B, Class B
 CAN ICES-3 (A)/NMB-3(A)
 UL and ULC Safety
 CE
 NDAA Compliant



Interface

Communication	RJ45(10/100BASE-T)
Audio Input	On-Board Mic
Audio Output	1
Alarm In	1
Alarm Out	1

Part Number

VX-5M28-MD-IAW	Base Camera
VX-5M28-MD-IAW-A	Add Advanced Analytics License *
-C128	VIGIL CLOUD Capable with 128GB SD Card
-C256	VIGIL CLOUD Capable with 256GB SD Card
-S128	All-in-One Functionality with 128GB SD Card
-S256	All-in-One Functionality with 256GB SD Card
-S512	All-in-One Functionality with 512GB SD Card
-S1TB	All-in-One Functionality with 1TB SD Card

Warranty

Four (4) years

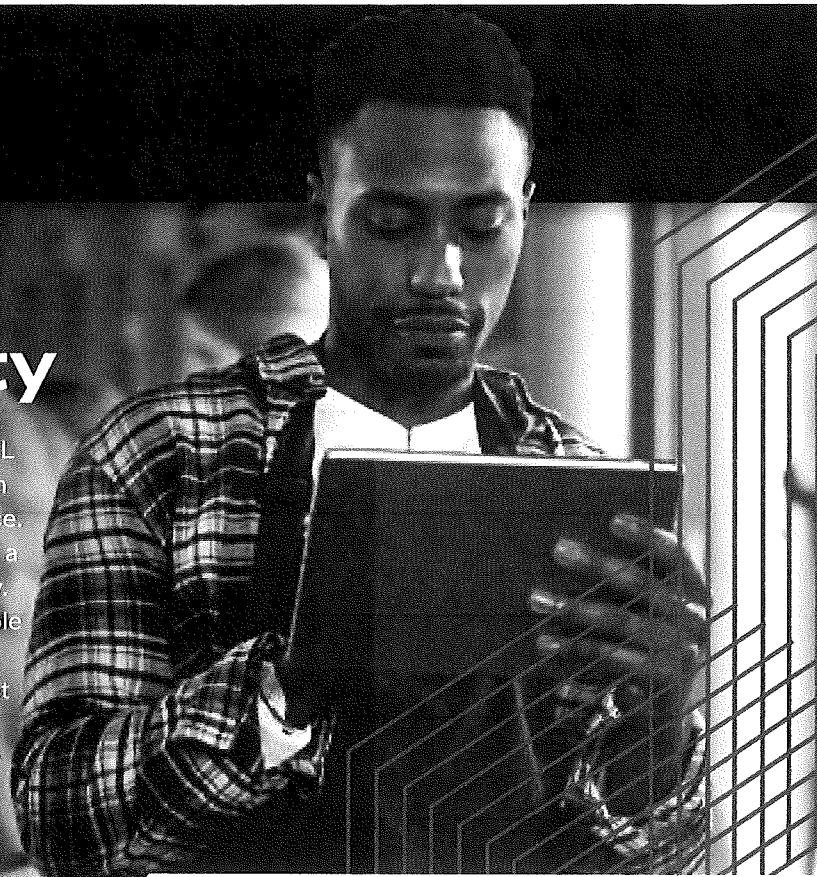
Recommended Mounts

VX-PM-BC11	Pendant Mount
VX-WM-BW11	Wall Mount
VX-GP-02	Gang Plate Mount
VX-JB-BJC04	Junction Box
VX-PM-BC11-KIT	Pendant Mount Kit

* NOTE: - A advanced analytics license can be added to a Base Camera at any time to unlock advanced analytics functionality. Speak to a 3xLOGIC Sales Associate for more info.

All-In-One Functionality

The All-in-One Series of cameras have VIGIL Server and storage onboard, enabling them to function as a standalone recording device. These can also be used in conjunction with a VIGIL DVR for redundant storage capability. As a standalone camera, they are compatible with the entire VIGIL Software Suite, including direct access through VIGIL Client and our mobile app View Lite II, as well as with VIGIL Central Management for remote health monitoring and notification.



What problem are we trying to solve?

As dealers and customers look for more ways to balance and optimize video delivery and video verification, the need for camera-based edge storage and remote accessibility has increased. The VISIX All-in-One feature for select Gen III cameras address these needs with an affordable, redundant, edge-based solution.

- » Ease of installation and configuration with the VISIX Setup App (iOS/Android)
- » Camera health monitoring through VCM
- » Live and recorded footage viewing with VIGIL
- » Client, View Lite II, just like an on-premises server.
- » Redundant solution for critical installations and for backing up on-premises servers to preserve footage in the event of an outage.

How does it work?

Select VISIX cameras with the all-in-one functionality connect to secure VIGIL Connect servers providing a direct connection from the camera to the user to view through the VIGIL Client, View Lite II, and VCM health monitoring. Select alarm monitoring stations can also utilize this direct connection to video for verification as well (contact your alarm monitoring vendor for compatibility). Cameras can also be connected to on-premises servers, providing redundant video backup.



Who can benefit from all-in-one functionality?

Any customer that needs remote connectivity and footage retrieval with or without a server. Customers wishing to install single cameras in remote locations without the cost of an on premises server.

Customers with small camera counts (1-8) per location including those who have multiple locations. Customers who do not have the support staff to maintain on-site servers and infrastructure. VIGIL All-In-One eliminates the worries of antivirus updates, additional software updates and other maintenance needed to support on-site servers. Customers who want complete scalability and reliability of a 1x infrastructure.

Key features

- » Solid state components. No mechanical drives as a failure point.
- » Easy installation, setup and health monitoring through VISIX Setup App, VCM
- » Remote access to live and recorded video through VIGIL Client, View Lite II App (iOS/Android)
- » Edge based video storage options 128GB, 256GB, 512GB and 1TB.
- » Video Verification capabilities (contact your alarm monitoring vendor for availability)
- » AudioTalk Functionality (w/selected audio capable cameras)
- » 4 Year Warranty on Cameras

Use cases

- » Small / Medium business
- » Healthcare
- » Warehouse and Distribution
- » K-12 Education / Schools

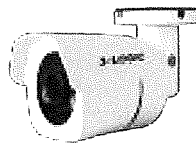
Cameras with All-In-One Functionality



VISIX 5MP, Fixed 2.8mm Lens, Indoor/Outdoor Vandal Proof Mini-dome
VX-5M28-MD-IAW



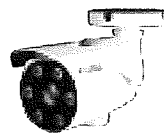
VISIX 5MP, Fixed 4mm Lens, Indoor/Outdoor Vandal Proof Mini-dome with IR
VX-5M4-MD-IAW



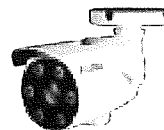
VISIX 5MP, Fixed 4mm Lens Outdoor Mini Bullet
VX-5M4-MB-IW



VISIX 5MP Indoor/Outdoor Dome with Remote Focus (2.7-13.5mm)
VX-5M-OD-RIAW



VISIX 5MP Outdoor Bullet with Remote Focus (2.7-13.5mm)
VX-5M-B-RIAW



VISIX 5MP Outdoor Bullet with Remote Focus (6-50mm)
VX-5M20-B-RIAW

Order Today!

For more information on this solution, to arrange a demo or to place an order, email us at sales@3xlogic.com

TOWN OF RICHMOND OFFICE PROJECT

BID FORM

Submit this page along with supporting documents as your complete bid

The undersigned, having become familiar with the scope of work as outlined in the description of project, hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, appurtenances, equipment and services required to complete the design and installation of an access control system for the **TOWN OF RICHMOND OFFICE PROJECT** per the plans and this invitation to bid, all for the lump sum price for work in place.

FOR OUR SUGGESTED DESIGN
TRG 16901

ACCESS CONTROL SYSTEM

Lump Sum (Number) \$: 71,882.80

Lump Sum (Written) Seventy one thousand eight

hundred eighty two Dollars and 80/100

VIDEO SURVEILLIANCE SYSTEM

Lump Sum (Number) \$: 4,991.00

Lump Sum (Written) four thousand nine hundred one

ninety one Dollars

→ See quote for optional add/ALTS not included in this number.

This proposal is guaranteed for 60 days.

Bid submitted by:

Contractor: Royal Group

Address: 24 New England Dr, Suite 30 Essex Jct VT

Phone: 802 862 4112 E-mail: rex@royalvt.com

Contractor Authorized Agent Signature: [Signature]

Printed Name and Title: Rex Accavallo, CEO

Date bid Signed: 11-30-24

RFP REQUEST

Warning! This page is a representation of what your customer will see. Do NOT send the url for this page to your customer or you will not be able to track when they view this quote.

Customer Facing Mode



www.royalvt.com
802-773-3313

150 Woodstock Ave, Rutland, VT 05701

Quote TRGQ16900

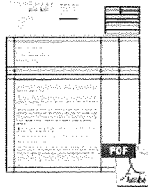
Valid through December 27, 2024 @ 2:30 pm

Prepared For:

Town of Richmond
Duncan Wardwell
Phone: 802-336-2092
203 Bridge St.
Richmond, VT 05477
dwardwell@richmondvt.gov

Prepared By:

Rex Accavallo
CEO
Phone: 802.862.4112
Fax:
Email: rex@theroyalgroupinc.com



Below is the interactive version of the quote, you can choose options and see the quote totals.

For the full presentation proposal, [click here](#) to view or download the PDF version of this quote. You can sign and fax this in, or you can save time by simply electronically accepting this quote below.

Line Item Detail

Qty	Description	Picture	Unit Price	Ext Price
-----	-------------	---------	------------	-----------

Town of Richmond - Door Access and Camera Quote

(Option 1 - Not recommended)

This quote reflects everything you asked for - But we feel this is very expensive and will not work well. I would highly suggest going with Option 2 and splitting this into (2) Phases

**Richmond Town Center
203 Bridge Street, P.O. Box 285
Richmond, Vermont 05477**

Important Notes / Clarifications:

* Customer shall supply available network ports on existing switches on the main building internet for the Door Controller and Camera Recorder. (We would need (2) Ports)

* We have included cabling and conduit work in our quote. However, you could choose to have someone else do that and manage them yourselves and they can buy the door access plenum composite cable from us and we will invoice for footage used.

*** General Contractor or End User please note that unless you instruct us otherwise, the hardware will be ordered immediately upon receipt of the approved quote and deposit. Any subsequent hardware/design changes will be treated as extra and excess hardware will be delivered to the job site as "Owners Stock". There will be no credits issued for unused equipment**

*** Royal Group to furnish & install listed items, any additional work will be billed on a time & materials basis**

*** The Royal Group provides a 2- year warranty on parts and labor**

*** Pricing is valid for 30 days**

*** Once the quote is formally accepted, we will invoice for 50% of materials up front. Once all the equipment arrives, we will invoice for the remaining 50% (we can send you photos of everything or bring everything on site if you require that). Then 100% labor and cabling would be billed upon completion. If you prefer to only have (2) invoices we could bill 100% of materials up front and then 100% of labor upon completion**

*** Payment Terms Net 30**

Subcontracting / Cabling / EMT Conduit:

<input type="checkbox"/>	1	Benoit Electric - Cabling / Power / Network Runs	\$20,060.00	\$20,060.00
		* Demo and removal of old cabling is included		

Project Management:

<input type="checkbox"/>		Labor for PM	\$1,600.00	\$1,600.00
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(4) Hours of End User Training:

<input type="checkbox"/>		Training	\$800.00	\$800.00
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Annual Maintenance Agreement (Optional Add / Alt)

Whats Included?

1 Lead Tech for a full day, annually with unrestricted access to the building

- * We would keep CCURE 9000 software version current and updated
- * Update iSTAR Controller Firmware to current (confirmed stable version which is typically not the newest release)
- * Test connectivity to locks and PIMs
- * Test all Hardwired Doors - Make minor adjustments as needed
- * Additional training on system as needed
- * Battery replacements in all Wireless Locks once / year (4 Alkaline AAs Per Lock)

<input type="checkbox"/>		(Qty 1) Annual Fee for CCURE 9000 (Qty 1) - Alkaline AA Replacement Batteries for all wireless locks (4 per lock) Labor for Local Lead Technician Factory Certified in CCURE	\$4,539.50	\$4,539.50
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New Photo Badge Printer: (Optional Add / Alt)

<input type="checkbox"/>		(Qty 1) - HID HDP6600 Dual Side with Single Laminator (Qty 2) - HID HDP6600 YMCKOK Ribbon (Qty 1) - HID HDP Cleaning Kit (Qty 1) - HID HDP6600 1.0 Mil Clear Laminate Roll Labor for Lead Access Control Technician, Factory Trained and Certified in Software Hours / CCURE 9000	\$8,818.95	\$8,818.95
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(100) New Smart Cards:

100	Schlage Milare Desfus FV3 Composite Material	\$10.70	\$1,070.00
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CCURE 9000 Site Server + Software + Labor Costs:

1	(Qty 1) - CCURE 9000 Site Server with Software Pre-loaded Labor for Lead Access Control Technician - Factory Trained and Certified in Software House / CCURE 9000	\$14,500.00	\$14,500.00
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iSTAR ULTRA G2 Master Door Controller:

*** We will require (6) open network ports for our controller**

1	(Qty 2) - Software House iSTAR G2 ULTRA GCM Board (Motherboard) (Qty 1) - Software House iSTAR G2 ULTRA ACM (Access Control Module) Board - Each Board Accommodates up to (3) Card Readers (Qty 1) - TROVE3SH3 Trove3 Enclosure for Master Control Boards (Qty 2) - 10 Amp Power Supply (Qty 2) - 16 Output Power Distribution Module (Qty 1) - Athlonix Rucker Switch Bracket iSTAR Enclosure (Qty 4) - Back up batteries for iSTAR (Qty 1) - Misc Fasteners, Panduit for Cable Management, Etc Labor for Lead Access Control Technician - Factory Trained and Certified in Software House / CCURE9000	\$23,585.68	\$23,585.68
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Main Entry from Side Parking Lot:

1	(Qty 1) - Schlage MTB Multi-Tech Smart Card Reader (Qty 1) - Sargent - Surface Vertical Rod - Less Bottom Rod, Motor driven rod retraction, RH/R, Satin Stainless, 33 3/8" door, no trim, request to exit built in (Qty 1) - Camden Door Controls CX12PIUS Module for Auto Operator (Qty 1) - Misc. Parts, Fittings, Cable Fasteners, Etc Labor for Lead Locksmith Labor for Lead Access Control Technician - Factory Trained and Certified in Software House / CCURE9000	\$8,529.76	\$8,529.76
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Main Entry from Bridge Street:

1	(Qty 1) - Schlage MTB Multi-Tech Smart Card Reader (Qty 1) - Sargent - Surface Vertical Rod - with Bottom Rod, mechanical only, RH/R - Oil Rubbed Bronze, 33 3/8" door, no trim, request to exit built in (Qty 1) - Sargent - Electrified Trim, Fail Secure, RH/R, Oil Rubbed Bronze (Qty 1) - Commercial Door Position Switch (Qty 1) - Misc. Parts, Fittings, Cable Fasteners, Etc Labor for Lead Locksmith Labor for Lead Access Control Technician - Factory Trained and Certified in Software House / CCURE9000	\$8,661.00	\$8,661.00
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Lower Level Wireless Locks:

1		\$14,396.14	\$14,396.14
	(Qty 3) Allegion AD400, Heavy Duty Wireless Access Control Lockset, Cylindrical, Left Hand		
	(Qty 1) PIM for Wireless Access Control Interface		
	(Qty 1) Programming Kit / Cable		
	Travel		
	Labor - Installation of Lock, Linking to Gateways, Programming into CCURH		
	Labor for PIM Installation and Programming		

Main Level Wireless Locks:

1		\$23,916.94	\$23,916.94
	(Qty 6) Allegion AD400, Heavy Duty Wireless Access Control Lockset, Cylindrical, Left Hand		
	(Qty 1) PIM for Wireless Access Control Interface		
	(Qty 1) Programming Kit / Cable		
	Travel		
	Labor - Installation of Lock, Linking to Gateways, Programming into CCURH		
	Labor for PIM Installation and Programming		

Upper Level Wireless Locks:

1		\$36,108.08	\$36,108.08
	(Qty 9) Allegion AD400, Heavy Duty Wireless Access Control Lockset, Cylindrical, Left Hand		
	(Qty 2) PIM for Wireless Access Control Interface		
	(Qty 1) Programming Kit / Cable		
	(Qty 1) 1 CN 4040 Commercial Door Closer		
	Travel		
	Labor - Installation of Lock, Linking to Gateways, Programming into CCURH		
	Labor for PIM Installation and Programming		

(2) Indoor Hardwired IP Cameras with Small Recorder for 2-weeks Video Storage:

1		\$7,717.25	\$7,717.25
	(Qty 2) AXIS 1080P Indoor Dome Cameras		
	(Qty 1) axacqVision G Series 4TB Network Video Recorder		
	Advanced Security Alarm Technician Installation		

Update Totals

SubTotal:	\$160,944.85
Shipping:	\$0.00
Sales Tax:	\$0.00
Total:	\$160,944.85

Ready to Accept?

Order Confirmation

We reserve the right to cancel orders arising from errors, inaccuracies, or omissions.

Credit Card payments for quotes over \$500 will be charged a 3% Processing Fee.

I agree to the terms and conditions of the above document and PDF attachment with an electronic signature below.

IP Address 68.238.60.10

PO Number

(Optional: Enter PO Number as your reference only.)

Comments

Email Address dwardwell@richmondvt.gov

Printed Name

Signature

Uploads Area

Have Questions?

Not Ready To Accept? Have Questions?

(Note, you will receive a copy of your message by email.)

No questions posted yet.

Time expressed in Eastern Standard Time UTC-05:00

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www.royalvt.com
802-773-3313

150 Woodstock Ave, Rutland, VT 05701

Quote TRGQ16901

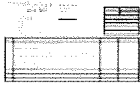
Valid through December 27, 2024 @ 2:37 pm

Prepared For:

Town of Richmond
Duncan Wardwell
Phone: 802-336-2092
203 Bridge Street
Richmond, VT 05477
dwardwell@richmondvt.gov

Prepared By:

Rex Accavallo
CEO
Phone: 802.862.4112
Fax:
Email: rex@theroyalgroupinc.com



Below is the interactive version of the quote, you can choose options and see the quote totals.

For the full presentation proposal, [click here](#) to view or download the PDF version of this quote. You can sign and fax this in, or you can save time by simply electronically accepting this quote below.



Line Item Detail

Qty	Description	Picture	Unit Price	Ext Price
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Town of Richmond - Door Access and Camera Quote

(Option 2 - Recommended)

We would suggest splitting this into (2) Phases.... Phase 1 would be controlling all the good doors now and Phase II would be replacing all the older wood doors and adding card access to those after new doors and frames are installed

**Richmond Town Center
203 Bridge Street, P.O. Box 285
Richmond, Vermont 05477**

Important Notes / Clarifications:

- * There is no server or computer needed for this system to work as it is all cloud hosted / web based through Alarm.com
- * Customer shall supply available network ports on existing switches on the main building internet for the Door Controller and Camera Recorder. (We would need (2) Ports)
- * We have included cabling and conduit work in our quote. However, you could

choose to have someone else do that and manage them yourselves and they can buy the door access plenum composite cable from us and we will invoice for footage used.

* General Contractor or End User please note that unless you instruct us otherwise, the hardware will be ordered immediately upon receipt of the approved quote and deposit. Any subsequent hardware/design changes will be treated as extra and excess hardware will be delivered to the job site as "Owners Stock". There will be no credits issued for unused equipment

* Royal Group to furnish & install listed items, any additional work will be billed on a time & materials basis

* The Royal Group provides a 2- year warranty on parts and labor

* Pricing is valid for 30 days

* Once the quote is formally accepted, we will invoice for 50% of materials up front. Once all the equipment arrives, we will invoice for the remaining 50% (we can send you photos of everything or bring everything on site if you require that). Then 100% labor and cabling would be billed upon completion. If you prefer to only have (2) invoices we could bill 100% of materials up front and then 100% of labor upon completion

* Payment Terms Net 30

Annual Fee / Alarm.com Cloud Access:

\$2,044.00

1	Annual Fee for Alarm.com Web Based / Cloud Services - 1st Year Included "Access Control Plus"	\$1,589.00	\$1,589.00
1	Annual Fee for Alarm.com Cloud Camera Services	\$455.00	\$455.00

Project Management with EC / Design Labor:

Communication with EC
Providing detailed floor plan markups with cable specifications
Site Visits as needed
We're happy to provide cable to EC and bill for footage used

1	Labor for Lead Designer	\$1,000.00	\$1,000.00
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Subcontracting / Cabling / EMT Conduit:

<input type="checkbox"/> 1	Benoit Electric - Cabling / Power / Network Runs * Demo and removal of old cabling is included	\$22,420.00	\$22,420.00
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New Photo Badge Printer: (Optional Add / Alt)

<input type="checkbox"/> 1	(Qty 1) - HID HDPE600 Dual Side with Single Laminator (Qty 2) - HID HDPE600 YMCKOK Ribbon (Qty 1) - HID HDPE Cleaning Kit (Qty 1) - HID HDPE600 1.0 Mil Clear Laminator Roll Labor for Lead Access Control Technician - Factory Trained and Certified in Software House / CCURE9000	\$8,818.95	\$8,818.95
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(100) New Smart Cards:

<input type="checkbox"/> 100	Schlage Milare Destira EV3 Composite Material	\$9.42	\$942.00
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Alarm.com Door Controller: Exact Location TBD

1	(Qty 1) - Altronix Enclosure & Backplane (Qty 1) - Alarm.com 2-Door Controller	\$14,340.84	\$14,340.84
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- (Qty 2) Alarm.com 2 Door Expansion Board(s)
- (Qty 1) Alarm Power Supply
- (Qty 1) Rucker Switch Bracket
- (Qty 1) Power Dist Module
- (Qty 2) System Battery
- (Qty 1) Shipping & Handling / Tariff Fee's
- (Qty 5) Fuel Charge
- (Qty 1) Misc Fasteners, Cable Management and supports, etc
- Labor for Lead Access Control Technician, Factory Trained and Certified in Alarm.com
- * Includes end user training

Main Entry from Side Parking Lot:

1		\$8,612.76	\$8,612.76
	(Qty 1) - Schlage MTB Multi-Tech Smart Card Reader		
	(Qty 1) - Sargent - Surface Vertical Rod - Less Bottom Rod, Motor driven rod retraction, RHR, Sain Stainless, 33-36" door, no lum, request to exit built in		
	(Qty 1) - 24" Commercial Grade Door Cord - Aluminum (Silver)		
	(Qty 1) - Camden Door Controls CX12PLUS Module for Auto Operator		
	(Qty 1) - Misc. Parts, Fittings, Cable Fasteners, Etc		
	Labor for Lead Locksmith		
	Labor for Lead Access Control Technician, Factory Trained and Certified in Software House / CCURF9000		

Main Entry from Bridge Street:

1		\$8,744.00	\$8,744.00
	(Qty 1) - Schlage MTB Multi-Tech Smart Card Reader		
	(Qty 1) - Sargent - Surface Vertical Rod - with Bottom Rod - mechanical only, RHR, Oil Rubbed Bronze, 33-36" door, no lum, request to exit built in		
	(Qty 1) - Sargent - Electrified Firm, Tail Secure, RHR, Oil Rubbed Bronze		
	(Qty 1) - 24" Commercial Grade Door Cord - Aluminum (Black)		
	(Qty 1) - Misc. Parts, Fittings, Cable Fasteners, Etc		
	Labor for Lead Locksmith		
	Labor for Lead Access Control Technician, Factory Trained and Certified in Software House / CCURF9000		

Town Manager, Main Level:

1		\$3,115.80	\$3,115.80
	(Qty 1) - Single Gang Access Control Reader - Single Gang		
	(Qty 1) - Electric Strike - For Cylindrical / Mortise		
	(Qty 1) - New Grade 1 Cylindrical Storeroom Function Lever Lock		
	(Qty 1) - Misc. Parts, Fittings, Cable Fasteners, Etc.		
	Labor for Advanced Security / Access Control Technician - Factory Trained and Certified by Alarm.com		

Finance Director, Main Level:

1		\$3,115.80	\$3,115.80
	(Qty 1) - Single Gang Access Control Reader - Single Gang		
	(Qty 1) - Electric Strike - For Cylindrical / Mortise		
	(Qty 1) - New Grade 1 Cylindrical Storeroom Function Lever Lock		

(Qty 1) Misc. Parts, Fittings, Cable Fasteners, Etc.

Labor for Advanced Security / Access Control Technician, Factory Trained and Certified by Alarm.com

Bottom of Stairwell Door (with art mural), Lower Level:

1 \$3,435.80 \$3,435.80

(Qty 1) Single Gang Access Control Reader - Single Gang

(Qty 1) Electric Strike - For Cylindrical / Mortise

(Qty 1) New Grade 1 Cylindrical Storeroom Function Lever Lock

(Qty 1) Misc. Parts, Fittings, Cable Fasteners, Etc.

Labor for Advanced Security / Access Control Technician, Factory Trained and Certified by Alarm.com

Vault, Lower Level:

1 \$4,111.80 \$4,111.80

(Qty 1) Single Gang Access Control Reader - Single Gang

(Qty 1) Electric Strike - For Cylindrical / Mortise

(Qty 1) New Grade 1 Cylindrical Storeroom Function Lever Lock

(Qty 1) Misc. Parts, Fittings, Cable Fasteners, Etc.

Labor for Advanced Security / Access Control Technician, Factory Trained and Certified by Alarm.com

Add Card Access on (x9) Upper Level Doors: (Optional Add / Alt)

(Not currently included in the total price)

9 \$5,679.80 \$51,118.20

(Qty 1) Single Gang Access Control Reader - Single Gang

(Qty 1) Electric Strike - For Cylindrical / Mortise

(Qty 1) -1 CM 4040 Commercial Door Closer

(Qty 1) - New Grade 1 Cylindrical Storeroom Function Lever Lock

(Qty 1) Misc. Parts, Fittings, Cable Fasteners, Etc.

(Qty 1) Benoit Electric Cabling

Labor for Advanced Security / Access Control Technician, Factory Trained and Certified by Alarm.com

(2) Indoor Hardwired IP Cameras with Small Recorder for 2-weeks Video Storage:

1 \$4,991.00 \$4,991.00

(Qty 2) Alarm.com Pro Series 4MP Bullet PoE Camera with Varifocal Lens

(Qty 1) Alarm.com Pro Series CSVR with B Built-In PoE Port (6TB HDD)

Advanced Security Alarm Technician Installation

Update Totals

SubTotal: \$76,873.80
Shipping: \$0.00
Sales Tax: \$0.00

Total: \$76,873.80
Plus \$2,044.00 Annually (incl tax)

Payment Options

<input type="radio"/>	Credit Card (purchase amount \$79,180.01) [includes +\$2,306.21 Surcharge], [plus \$2,044.00 annually]	\$79,180.01 full payment
<input checked="" type="radio"/>	Check (purchase amount \$76,873.80), [plus \$2,044.00 annually]	\$76,873.80 full payment
<input type="radio"/>	Purchase Order (Net 30) (purchase amount \$76,873.80), [plus \$2,044.00 annually]	\$76,873.80 full payment

Ready to Accept?

Order Confirmation

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Credit Card payments for quotes over \$500 will be charged a 3% Processing Fee.

I agree to the terms and conditions of the above document and PDF attachment with an electronic signature below.

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No questions posted yet.

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WHY CHOOSE ROYAL GROUP?

Royal Group
Since 1935

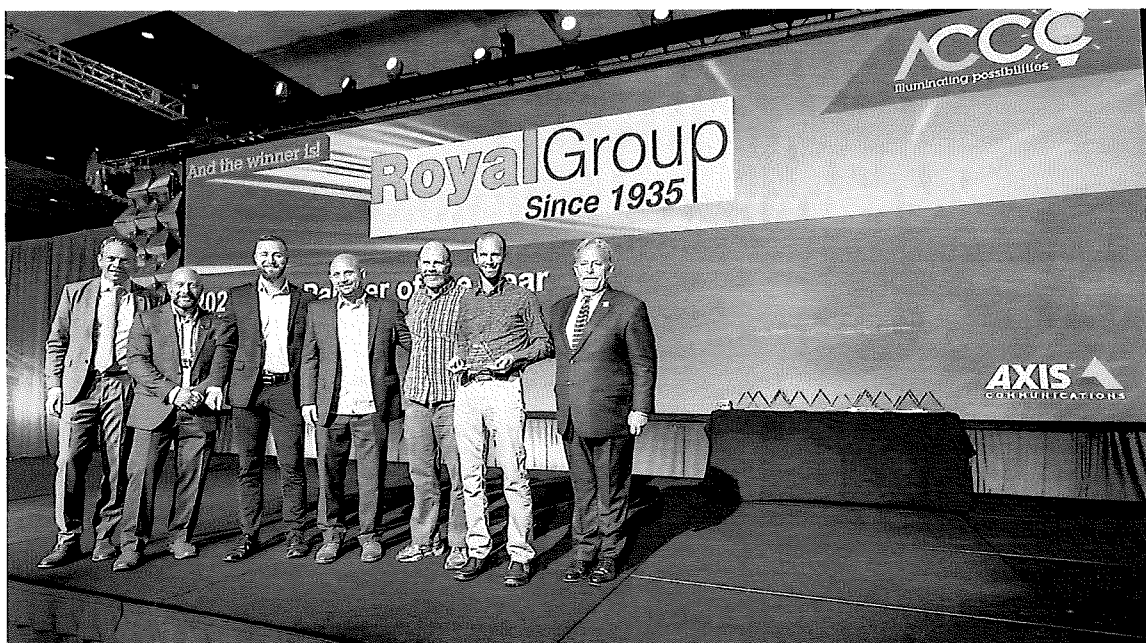


TOWN OF RICHMOND
RICHMOND TOWN CENTER
203 Bridge Street, P.O. Box 285
Richmond, Vermont 05477



Why Choose Royal Group?

- Office #1 is located in Essex Junction, with a team of (10)
 - We are currently undergoing major renovations at 151 Ave C in Williston, a new commercial building we bought that will be our new flagship office.
- Office #2 is located in Rutland, with a team of (30) between all departments
- We are a local, 3rd generation Vermont family business
- We were established in 1935 and have been serving Vermonters for (89) Years! We will very soon be celebrating our 90th year anniversary!
- We provide a (2) Year parts and labor warranty on everything we do
- **Service & Support:** We have a very easy way to contact us: call us anytime at 802-862-4112 or email us at support@royalvt.com. This email goes to many people in our office (our whole admin team + myself and our COO) to ensure customers always get a speedy response!
- Our *Local* Technicians are on call 24/7/365.... we do a 1-week rotation between Technicians and the CEO gets a text notification of each after-hours calls
- You can *always* get ahold of Rex, the CEO of the company, if anything is ever off.
- Stock / Inventory: We carry about \$165,000 worth of inventory at our shop in Essex Junction and the same in Rutland
- We have been awarded one of the Best Places to work in Vermont for the past (6) Years by Vermont Business Magazine
- In 2023, we were awarded the **AXIS GOLD Dealer of the Year for the Northeast**
- We focus on sustainability and E-recycle all legacy removed electronics etc



- Warranty: We provide a 2-year parts and labor warranty
- Warranties do not cover any vandalism, natural disasters, misuse etc
- Response Time: Within the hour if you email support@royalvt.com or you can call us at 802-862-4112 and speak to one of our team members in the office.
- Timeframe for resolving issues: I think for the most part we can have issues resolved within 24-48 hours,

Important Notes for your proposal:

We have included two options in our proposal for your consideration:

1. Quote #TRGQ16900 (Option 1)

This option reflects the specifications outlined in your RFP. However, we do not recommend pursuing this option. It is significantly more expensive than necessary and will not perform effectively for your application, particularly given the condition of some of your existing doors.

2. Quote #TRGQ16901 (Option 2)

This option provides a more efficient, cost-effective, and reliable solution tailored to your needs. We recommend considering a phased approach for its implementation:

- Phase I:
Focus on installing controlled access and electronic locks on all newer doors that are in suitable condition. This phase would also include the installation of (x2) indoor cameras.
- Phase II:
Before proceeding with this phase, we recommend replacing older wood-framed doors (as noted in the provided floor plan markup) with steel-framed wood doors, similar to the Finance Director's office. Once the new doors are in place, we would install controlled access on them.

The nine (x9) doors on the upper level are all in good condition and ready for controlled access. Based on our discussions with Duncan, these doors may be a lower priority than the main exterior and other critical doors. As such, you could choose to include them in Phase I, defer them to Phase II, or leave them unchanged for the time being. I included an optional add/alt in the Option 2 Quote.

This phased approach ensures a smooth implementation while balancing functionality, reliability, and cost. We are confident this plan will serve your organization effectively and provide a system that is easy to manage.

PROFESSIONAL REFERENCES:

Champlain College
Bruce Bovat
Director, Campus Public Safety
Champlain College
163 South Willard St. Burlington, Vt.
(802) 860-2755
bbovat@champlain.edu

Mike Bachand
VT ESS Manager
802-338-3842
Michael.bachand@vermont.gov
Michael.w.bachand.nfg@army.mil

Burlington Housing Authority:
Jeff Metcalf
jmetcalf@burlingtonhousing.org

UVM Medical Center:
Edward Sprano
Edward.Sprano@uvmhealth.org

Wake Robin Lifecare:
Mark Anair
manair@wakerobin.com

City of Burlington / BPD:
Kim Bleakley
kbleakley@burlingtonvt.gov

CCV:

Charlie Bombard

charlie.bombard@vsc.edu

Linda Lawrence

linda.lawrence@ccv.edu

St. Mikes College:

Joe Pawlaczyk

jpawlaczyk@smcvt.edu

South Burlington Schools:

Bart Miceli

bmiceli@sbschools.net

Rutland Regional Medical Center:

Jeremy Carrara

jjcarrara@rrmc.org

BETA:

Alex Caron

acaron@beta.team

Redstone:

Andrew Ede

aede@redstonevt.com

Erik Hoekstra

ehoekstra@redstonevt.com

Essex Police Department:

Rick Garey

rgarey@essex.org

Some Long-Time Security Customers of Ours:

- Vermont Air National Guard
- UVM Medical Center, Main campus, and all offsites
- Wake Robin Lifecare
- BETA
- Burton Snowboards
- The Automaster
- Williston Police Dept.
- Saint Michaels College
- Champlain College
- Burlington Telecom
- Burlington Housing Authority
- Winooski Housing Authority
- City Market
- Healthy Living
- Athena Health
- Avonda Air Systems
- Castleton University
- Town of Castleton Police Dept.
- Essex Police Dept.
- Heritage Family Credit Union
- Rutland Regional Medical Center
- Springfield Hospital
- Ben & Jerrys
- Brattleboro Memorial Hospital
- Mount Anthony Union School Dist
- LUND

