

**SOCIAL SERVICES COMMITTEE
COUNTRYSIDE ADULT HOME
AGENDA
JANUARY 24, 2017**

Committee Members: Frasier, MacDonald, Vanselow, Montesi, Braymer, McDevitt, Leggett

- I. Committee Meeting called to order by Chairman
- II. Motion to approve minutes of prior Committee Meeting
- III. Action Agenda/New Business – Updates
 - Introduction, Edward Corcoran
 - Fire Alarm System Update
 - Laundry Update
 - Admissions & Discharges for December
- IV. Referral/Pending Items
 1. Discussion to continue pertaining to whether the Senior Aide Staff at Countryside Adult Home who had taken on additional responsibilities in the absence of a Director, should be compensated for the extra work. (10.24.16)
- V. Information for Discussion/Review
- VI. Privilege of the Floor to discuss any additional items to come before the Committee
- VII. Motion to Adjourn

Summary of Attachments:

No attachments

PO Box 767 - 15 Cooper St.
Glens Falls, New York 12801
518/793-7788
Fax: 518/793-0602

PROPOSAL
1

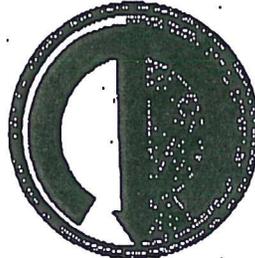
Mahoney

Notify-Plus Inc.
Alarms

Lake Placid, NY 12940
518/523-1600
Fax: 518/793-0602
Plattsburgh, NY 12901
518/566-9147
Fax: 518/793-0602

www.mahoneyalarms.com

•Expert Installation
•24 Hour Local Central Monitoring
All Types of Maintenance Monitoring
COUNTRYSIDE ADULT HOME
To: 353 SCHRÖON RIVER ROAD
WARRENSBURG, NY 12885



•Fire •CCTV
•Security •Access Control
•24 Hour Quality Service

ATTN: EDWARD CORCORAN
FAX: 623-5590

PROPOSAL

UPDATE OF THE FIRE ALARM CONTROL PANEL TO ANALG ADDRESSABLE SYSTEM:

- 1-HOCHIKI FN2127 2LOOP ANALOG ADDRESSABLE FIRE ALARM CONTROL PANEL WITH INTEGRATED COMMUNICATOR
- 1-HOCHIKI FNLCD SR REMOTE ANNUNCIATOR
- 12-DCPAMSKL ADDRESSABLE MANUAL STATIONS
- 18-ALN PHOTOELECTRIC ADDRESSABLE SMOKE DETECTORS
- 13-ATJ ADDRESSABLE HEAT DETECTORS
- 31-ADDRESSABLE DEVICE BASES
- 1-FIRE SWITCH 108 NAC BOOSTER PANEL
- 4-NP712 BACKUP BATTERIES
- 4-SOM OUTPUT CONTROL MODULES
- 8-WALL MOUNT HORN STROBES
- 9-WALL MOUNT STROBES

PURCHASED & INSTALLED AT \$18,571.00

THIS PROPOSAL INCLUDES OUR EXTENDED ONE YEAR PARTS AND LABOR WARRANTY.

**THIS QUOTATION DOES NOT INCLUDE SALES TAX IF APPLICABLE. THE ACCOMPANYING TERMS AND CONDITIONS ARE MADE A PART OF THE QUOTATION. **

CUSTOMER WILL PROVIDE DEDICATED OUTLET FOR ALARM SYSTEM. ANY ALTERATIONS OR ADDITIONS MADE TO THE ABOVE QUOTED SYSTEM WILL BE INVOICED AT AN ADDITIONAL FEE. OWNER IS RESPONSIBLE FOR NOTIFICATION OF PLENUM CEILING

25% DOWN PAYMENT IS REQUIRED UPON ACCEPTANCE OF THIS PROPOSAL, PROGRESS INVOICING UPON COMPLETION OF PRE WIRING AND THE BALANCE UPON COMPLETION. UNPAID INVOICES ARE SUBJECTED TO FINANCE CHARGES.

OWNER IS RESPONSIBLE FOR NOTIFICATION OF PLENUM CEILING APPLICATIONS/THIS PRICE QUOTATION DOES NOT INCLUDE SALES TAX IF APPLICABLE
THIS QUOTATION IS SUBJECT TO THE FOLLOWING CONDITIONS

- | | |
|--|--|
| <p>A. The provisions of this proposal shall be construed in accordance with the laws of our state, and shall not be changed, altered, or abridged by any verbal agreement, unless such changes or alterations are agreed upon by us in writing. Such agreements subject to additional charges.</p> <p>B. All agreements made contingent upon strikes, fires, accidents or causes beyond our control.</p> | <p>C. This proposal shall be valid of acceptance is made within 30 days.</p> <p>D. Leased equipment and materials necessary to provide the Fire and/or Security Alarm system proposed herein remains the property of Mahoney-Notify-Plus, Inc.</p> <p>E. All radio transmitter units quoted herein will remain the property of Mahoney-Notify-Plus, Inc.</p> <p>F. Balances over 30 days are subject to finance charges.</p> |
|--|--|

By _____ TITLE _____
Date: _____

By Edward Corcoran TITLE _____
Date: 1/16/17

TERMS AND CONDITIONS

The Alarm Company assumes no liability for Interruption of service due to strikes, riots, floods, fires, interruptions in telephone service, acts of God, or any causes beyond the control of the Alarm Company, and the Alarm Company is not required to supply service to the Subscriber while such interruptions.

The Subscriber will provide access to the premises to the Alarm Company, its agents and employees for service and will obtain for the Alarm Company permission as may be required from the landlord or others to carry out this Agreement. The Alarm Company will have the right to install transmitting and receiving equipment in the telephone or mechanical equipment room and on the roof or top of the Subscriber's buildings or structure. The Subscriber agrees to furnish any necessary continuous electrical current and outlets at the Subscriber's expense for the Alarm Company equipment. The Subscriber understands that the installation will necessitate drilling and cutting into various parts of Subscriber's premise and gives Alarm Company permission to do so. The Subscriber also agrees to allow surface wiring as needed.

The Alarm Company does agree, in accordance with the repair services chosen by the Subscriber as checked, to repair the Alarm System during the term of this Agreement. The Subscriber agrees to carefully and properly test the Alarm System, including testing any ultrasonic, microwave, infrared, capacitance or other electronic equipment prior to each closed period and shall immediately report to the Alarm Company any problem with the System. The Alarm Company shall make any necessary repairs as soon after receipt of notice as is reasonably practical. The Subscriber shall at all times be solely responsible for the maintenance of the sprinkler system, if any, including providing adequate heat to the building, so that the sprinkler system will at all times be in good working order. The Subscriber agrees that all repair service to the Alarm System caused by improper use of the Alarm System, misuse, abuse, vandalism, lightning, or any other act of God are billable regardless of the repair services chosen by the Subscriber as checked.

The Alarm Company, upon receipt of an alarm signal from the Subscriber's premises, shall make every reasonable effort to notify the police or fire department having jurisdiction, unless there is just cause to assume that an emergency condition does not exist and the Alarm Company shall make a reasonable effort to notify the Subscriber or his designated representative by telephone unless runner service is provided or the Alarm Company has been instructed to do so otherwise by the Subscriber. Should the Subscriber's representative fail to respond within thirty (30) minutes to an alarm with an outside ringer which is causing a disturbance or an alarm which is constantly transmitting signals to the Central Station overburdening operators Subscriber authorizes Alarm Company, at its discretion, to gain entry to the building with whatever method is required, and remedy the malfunction on behalf of the Subscriber. Furthermore, Subscriber agrees to pay the Alarm Company for the service call at the then Current rate, for such call.

The Subscriber hereby agrees that the Alarm Company shall have the right to modify the charges at anytime or times after the expiration of six (6) months from the date of this Agreement upon giving the Subscriber written notice, a minimum of sixty (60) days in advance of the effective date of such change. If the Subscriber is unwilling to pay any such increase and notifies the Alarm Company in writing by certified mail, return receipt requested at least thirty (30) days prior to the effective date of such increase, the Alarm Company shall be permitted, at its sole option, upon written notice by certified mail, return receipt requested to the Subscriber, to terminate this Agreement as if the term had expired or in the alternative will continue the prior rate and will allow this Agreement to remain in full force and effect without further notice. Failure to notify the Alarm Company in writing at least thirty (30) days prior to the effective date of increase will constitute the Subscriber's consent to the increase, and all of the other terms and conditions of this Agreement shall remain in full force and effect.

Upon the Subscriber's failure to pay any sums due the Alarm Company under this Agreement, or upon premature cancellation of service by the Subscriber, the Alarm Company reserves the right to terminate its obligations under this Agreement and remove any of the Alarm Company owned equipment, wiring and apparatus from the Subscriber premises upon written notice to the Subscriber. The Alarm Company will have no obligation to repair or redecorate any portion of the Subscriber's premises due to removal of the Alarm Company's System upon termination. At such time, all charges incurred under the terms of this Agreement, up to the cancellation date, shall immediately become due and payable. In addition, the parties agree that it would be very difficult, if not impossible, to ascertain actual damages for any breach of this Agreement by the Subscriber, and the parties agree that the subscriber shall immediately pay to the Alarm Company, upon any breach, or upon premature cancellation of service by the Subscriber, as and for liquidated damages, the sum of seventy-five percent (75%) of any charges remaining to be paid under the terms and life of this contract. The parties further agree that the subscriber shall pay all court costs, collection fees and reasonable attorney's fees of thirty-three and one-third percent (33 1/3%) of all monies remaining to be paid under this Agreement, should the Alarm Company have to place this contract in the hands of any attorney for collection.

If the Alarm Company incurs any new or increased charges for the use of telephone or other communication lines or services, or if any new or increased taxes or license fees shall be incurred by the Subscriber may not assign this Agreement unless such assignment shall be consented to in writing by the Alarm Company against, defend and hold the Alarm Company harmless from any action for subrogation which may be brought against the Alarm Company by any insurer or insurance company or its agents or assigns including the payment of all damages, expenses, costs and attorney's fees.

The Subscriber will not permit any person or persons, unauthorized by the Alarm Company, to alter, remove, or tamper with any System equipment and will safeguard said equipment against loss and damage during the term of this agreement. The Subscriber shall not permit any device, contrivance or apparatus, to be attached to the lines, wires, instruments or equipment at such System, except by the authorized agents of the Alarm Company, without the written permission of the Alarm Company.

The Subscriber authorizes and directs the Alarm Company, as its agent, to use its full discretion in determining or causing the arrest of any person or persons on or around the premises unauthorized by the Subscriber to enter the premises of the Subscriber during the scheduled closed period and to hold such person or persons until released by the Subscriber or his known representative.

LIMITATION OF LIABILITY

It is understood and agreed: That the Alarm Company or its agents, assigns, employees, or independent contractors providing portions of the services for the Subscriber (including, but not limited to, signal carriers, telephone companies, municipal agencies, answering services, etc.), all hereinafter referred to as "Others", are not an insurer; that insurance, if any, shall be obtained by the Subscriber; that the payments provided for herein are based solely on the value of the service as set forth herein and are unrelated to the value of the Subscriber's property or the property of others located on the Subscriber's premises; that the Alarm Company and Others make no guarantee or warranty, including any implied warranty of merchantability or fitness that the equipment or services supplied will avert or prevent occurrences or the consequences thereof from which the System or service is designed to detect or avert. The Subscriber acknowledges that it is impractical and extremely difficult to fix the actual damages, if any, which may proximately result from the Alarm Company or Others' active or passive negligence, or from a failure to perform any of the obligations herein, or the failure of the System to properly operate with resulting loss to the Subscriber because of among other things:

- The uncertain amount or value of the Subscriber's property Or the property of others kept on the premises which may be lost, stolen, destroyed, damaged or otherwise affected by occurrences which the System or service is designed to detect or avert;
- The uncertainty of the response time of any police or fire department, should the police or fire department be dispatched as a result of a signal being received or an audible device sounding;
- The inability to ascertain what portion, if any, of any loss which would be proximately caused by the Alarm Company or Others' failure to perform or by failure of its equipment to operate;
- The nature, of the service to be performed by the Alarm Company and Others.

The Subscriber understands and agrees that if the Alarm Company or Others should be found liable for personal injury or property loss or damage due from a failure of the Alarm Company or Others to perform any of the obligations herein, including but not limited to installation, repair services, monitoring or service or the failure of the System or equipment in any respect whatsoever, the Alarm Company or Others' liability shall be limited to a sum equal to the total of six (6) monthly payments or Two Hundred Fifty (\$250.00) Dollars, whichever is the greater, and this liability shall be exclusive; and that the provision of this Section shall apply if loss or damage, irrespective of cause or origin, results directly or indirectly to, persons or persons or property, from performance or non-performance of the obligations imposed by this contract, or from negligence, active or otherwise, of the Alarm Company or Others. No suit or action shall be brought against the Alarm Company more than one (1) year after the accrual of the cause of action therefore.

In the event that the Subscriber wishes the Alarm Company or Others to assume greater liability, the Subscriber may, as matter of right, obtain from the Alarm Company a higher limit by paying an additional amount proportioned to the increase in damages, but such additional obligation shall in no way be interpreted to hold the Alarm Company or Others as Insurers. This limitation of liability covers all of the Alarm Company equipment and services at all Subscriber locations.

INDEMNIFICATION

When the Subscriber ordinarily has the property of others in his custody, or the System extends to protect the other persons or the property of others, the Subscriber agrees to and shall indemnify, save, defend and hold harmless the Alarm Company and Others for and against all claims brought by parties other than the parties to this Agreement. This provision shall apply to all claims regardless of cause. Including the Alarm Company or Others' performance or failure to perform and including defects in products design, installation, repair service, monitoring, operation or non-operation of the System, whether based upon negligence, active or passive, express or implied contract or warranty, contribution or indemnification or strict or product liability, on the part of the Alarm Company or Others; but this provision shall not apply to claim, for loss or damage solely and directly caused by an employee of the Alarm Company or Others while on the Subscriber's premises. The Subscriber agrees to indemnify the Alarm Company against, defend and hold the Alarm Company harmless from any action for subrogation which may be brought against the Alarm Company by any insurer or insurance company or its agents or assigns including the payment of all damages, expenses, costs and attorney's fees.

All verbal or written communication between the parties which occurred prior to the date of this Agreement are merged into the terms of this Agreement and the entire Agreement of the parties is expressed herein above and no verbal understanding or agreement shall alter, change or modify the terms and provisions of this Agreement. The Subscriber is not relying on any advice or advertisement of the Alarm Company. In the event that any provision of this Agreement is found to be unenforceable, all other terms shall remain in full force and effect. It is understood and agreed that if there is any conflict between this Agreement and the Subscriber's purchase order, or any other document, this Agreement will govern whether such purchase order or other document is executed prior or subsequent to this Agreement. The Alarm Company may assign this Agreement without prior notice or consent of the Subscriber, however, the Subscriber may not assign this Agreement unless such assignment shall be consented to in writing by the Alarm Company.

The parties agree that this contract is executed and becomes in full force and effect only upon an officer of the Alarm Company signing a copy of the Agreement and that the contract is executed in Warren County, New York. The parties further agree that venue shall be proper in Warren County, New York should any portion of this contract have to be legally enforced.

If the Subscriber moves its residence or place of business, then the Subscriber is entitled to alarm service at this new location upon the payment of reasonable costs incurred in transferring the Alarm System to the new location. In addition, the Subscriber agrees to be liable for any increase in monthly charges occasioned by such a move. The remaining terms of the Agreement will remain in full force and effect and the Subscriber will continue to be liable for the remaining period under the terms of this Security Service Agreement.

PROPERTY INSURANCE AND WAIVER OF SUBROGATION

Subscriber agrees to obtain insurance to cover its losses to any and all of its property. In the event of any loss, including destruction, theft, damage or other loss, Subscriber shall look solely to its insurer for recovery of its loss and hereby waives any and all claims for such loss against Alarm Company. Further, Subscriber agrees that its insurance policy will contain a provision that such waiver of subrogation does not invalidate its coverage.



PROJECT AGREEMENT

AGREEMENT DESCRIPTION

By and Between:

Red Hawk Fire & Security
14 Jetway Drive
Albany, NY 12211

Countryside Adult Home
353 Schroon River Road
Warrensburg, NY 12885

(Hereinafter "Seller")

(Hereinafter "Customer")

Installation and / or Service Location:

Countryside Adult Home 353 Schroon River Road, Warrensburg NY

PROJECT

Our price for Material and Installation is \$9,928.00 plus applicable taxes.
The total price for service is _____ plus applicable taxes.

SERVICE PROVIDED: No maintenance options included.

CUSTOMER MUST INITIAL HERE IF SERVICE IS NOT BEING PROVIDED UNDER THIS AGREEMENT _____

OUR PRICE INCLUDES THE FOLLOWING AS DESCRIBED IN THE STATEMENT OF WORK ATTACHED HERETO:

- 1 Equipment as listed on page 3 equipment inventory
- 2 Programming, testing and certification
- 3 One (1) year warranty
- 4 ****Please Refer To Page 4 Statement Of Work****

OUR PRICE EXCLUDES THE FOLLOWING:

- 1 Any Electrical contractor scope of work
- 2 Conduit infrastructure on any system
- 3 Permits or fee's of any kind, stamped PE drawings
- 4 Resolve Of Any Pre-Existing Fire Alarm System Cabling Deficiencies
- 5 Fire Watch



Date:

Proposal Number O-104966

Page 3

EQUIPMENT

None Other

QTY	MAKE	DESCRIPTION	Location
1		Four loop system with one 250-point loop ins	
18		Intelligent Optical Smoke Detector.	
13		Intelligent fixed temperature/Rate-of-rise h	
31		Detector Base - Standard	
12		Manual Pull Station - Double Action, 1-stage	
2		Remote LCD text annunciator with common cont	
1	EST - Edwards	10 Amp Booster Power Supply	
1	EST - Edwards	Universal Input/Output Module Motherboard -	
4	EST - Edwards	Single Input (Riser) Module with synchroniza	
2	EST - Edwards	Single Input Module. Single circuit input mo	
1	VARIOUS	Miscellaneous parts (backboxes, wire caps, t	



"Our Business is Protecting Yours"

Project Sales Agreement

Prepared For: Countryside Adult Home-Fire Alarm System

Countryside Adult Home
Edward Corcoran
Director
Phone: (518) 623-3451
eMail: corcorane@warrencountyny.gov
353 Schroon River Road

Warrensburg, NY 12885

Prepared & Submitted By:

Gregory Johnson

Date Prepared:

January 19, 2017

Agreement Start Date:

Phone: (518) 869-2435
Cell: (518) 275-9186
Fax:
eMail: greg.johnson@redhawkus.com

STATEMENT OF WORK**Fire Alarm Control System:**

Remove Simplex 2001 Conventional Fire Alarm Control Panel.

Install/Retrofit Edwards IO-1000 Addressable Fire Alarm Control Panel.

Remove Existing (Various Manufacture) Conventional Smoke Detectors.

Install Edwards Siga-PD Addressable Smoke Detectors.

Remove Existing (Various Manufacture) Conventional Manual Pull Stations.

Install Edwards Siga-270 Addressable Manual Pull Stations.

Remove Existing Conventional Heat Detectors.

Install Edwards Siga-HRD Addressable Heat Detectors.

Provide Fire Alarm Control System Configuration Programming.

Test and Certify Per NFPA Guidelines.

**THIS AGREEMENT IS FOR PRODUCT AND LABOR TO BE SOLD IN ACCORDANCE
WITH STATE CONTRACT NUMBER: PT63301
OGS GROUP NUMBER 77201 EIN: 13-2570027**

GENERAL TERMS AND CONDITIONS

THE FOLLOWING TERMS AND CONDITIONS WILL GOVERN ALL TRANSACTIONS BETWEEN CUSTOMER AND SELLER FOR THE GOODS AND SERVICES THAT ARE THE SUBJECT OF THIS AGREEMENT. THESE TERMS AND CONDITIONS ARE INCORPORATED BY REFERENCE INTO ANY PURCHASE ORDER ISSUED BY CUSTOMER AS IF EXPRESSLY SET FORTH THEREIN. ANY ADDITIONAL OR DIFFERENT TERMS OR CONDITIONS CONTAINED IN CUSTOMER'S PURCHASE ORDER OR IN ANY OTHER DOCUMENT SHALL BE DEEMED OBJECTED TO BY SELLER AND SHALL BE OF NO FORCE OR EFFECT.

THE PARTIES EXPRESSLY AGREE THAT MONITORING SERVICES ARE SPECIFICALLY EXCLUDED FROM THE SCOPE OF THIS AGREEMENT.

1. PAYMENT: As a condition of performance, payments are to be made as follows:

Customer agrees to pay full amount of contract upon completion.

The Customer will promptly pay invoices within thirty (30) days of invoice date. Should a payment become thirty (30) days or more delinquent, Seller may stop all work under this Agreement without notice and/or cancel this Agreement, and the entire Agreement amount shall become due and payable immediately upon demand. A finance charge will be added to past due accounts at the rate of one and one-half percent (1.5%) per month, or at the highest legal rate, whichever is less.

Any standard goods that are either received at the Seller warehouse, or delivered to the Customer site, that are later canceled or returned by Customer are subject to a Five Percent (5%) restocking fee. Any custom orders are subject to a one hundred percent (100%) restocking fee.

2. TAXES: The Customer shall be responsible for all taxes applicable to the work and/or materials hereunder.

3. WORK HOURS: Seller will perform all work during normal business hours: Monday through Friday, 8:00AM - 5:00PM

Any requests for work to be performed outside normal business hours will be billed at Seller premium rates in effect at the time the work is performed.

4. INSTALLATION CONDITIONS:

Seller will arrange for installation of the equipment in accordance with specifications, drawings and instructions provided by Customer, which specifications and drawings are considered a part of this Agreement. Customer shall provide Seller a safe working environment and unencumbered access to all areas where work is to be performed. Customer acknowledges that Seller's service personnel have been instructed not to perform any work in hazardous locations until working conditions have been made safe, as determined in the service personnel's sole discretion, and it is the responsibility of the Customer to take any measures necessary to eliminate such hazards before the work may proceed. Customer shall provide reasonably adequate lighting, heating, ventilation and other working conditions to permit safe and proper installation. Suitable foundations, wall openings, curbing holes, pits, tunnels, culvert piping, grouting, surrounding masonry and concrete, canopies and architectural enclosures, and sun screens shall be constructed by others at Customer's cost. Customer shall also provide at its own expense the power and lighting that is required for proper operation of the equipment. If, through no fault of Seller, Seller cannot proceed with the work within a reasonable time after delivery of the equipment and/or Seller's arrival at the work site, Customer shall pay Seller's actual expenses, including, but not limited to, additional service fees and any storage fees incurred by Seller in waiting to proceed or in returning to Customer's premises to perform the work. Customer shall notify Seller of any cancellations forty-eight (48) hours in advance of any scheduled service call. Failure to so notify will result in an additional service fee charged to Customer. Customer shall secure and pay for any required building permits and governmental fees, licenses, and inspection necessary for the proper execution and completion of the installation of the equipment which are legally required at the time that the installation is done. Customer shall give all notices and comply with all laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the performance of the work. In the event that Seller is required, in connection with the installation of the equipment, to do additional work either because Customer did not prepare the job site, or because the drawings, wiring, or other work done by Customer or for Customer by others, was not properly represented in the drawing supplied to Seller, Seller shall have the option of doing the additional work required to complete the job, and will charge Customer at Seller's current prevailing rates for such work, or, of abandoning the installation and being paid in full by Customer upon demand therefore. Any additional amounts so charged shall be due within ten (10) days of receipt of invoice by Customer. Customer represents to Seller that it has an interest in the real estate on which the equipment is to be installed and that has the authority to and hereby authorizes Seller to do the work as provided in this Agreement. Further, Customer warrants that the job site at which the installation work to be done hereunder, complies with all applicable safety and work rules, OSHA regulations, and other governmental and contractual requirements as to working conditions.

5. TIME AND MATERIALS SERVICE WORK / CHANGE ORDERS In the event that Seller is asked by Customer to perform additional work, e.g., on a time and materials basis or per change order, during the term of this Agreement, and such work is outside the scope of work contemplated herein, the Customer understands and agrees that any such work will be performed by Seller pursuant to the terms and conditions contained herein and at Seller rates in effect at the time the work is performed.

6. INDEMNIFICATION: Seller agrees to indemnify the Customer for losses due to bodily injury, or property damage to the extent caused by Seller's negligent acts or omissions, or the negligent acts or omissions of its employees, agents and subcontractors during the performance of this contract, but not to the extent caused by others.

7. LIMITATION OF LIABILITY: Notwithstanding anything to the contrary herein and to the extent permitted by law, the aggregate liability of Seller to the Customer, whether in contract, tort (including negligence), or otherwise will be limited to one (1) times the contract value, provided however the foregoing does not limit the liability of Seller for any injury to, or death of a person, caused by the gross negligence of Seller.

RED HAWK

8. **GENERAL:** (a) This Agreement, and the Scope of Work, constitutes the entire Agreement between Customer and Seller and supersedes all prior written and oral agreements in relation to the work contemplated under this Agreement. (b) No amendments, modifications, or supplements to this Agreement shall be binding unless in writing and signed by both parties. (c) Any rejection of goods for being nonconforming under the requirements of this contract must be made by the Customer by sending written notification to Seller of the rejection within fifteen (15) days after their delivery. Such notification shall state the basis of the alleged nonconformity of the goods and the description of that portion of the shipment being rejected. (d) This Agreement shall not be in effect or binding upon Seller until signed by its duly authorized representative. (e) Customer may not assign its rights or delegate its duties hereunder without the specific, written consent of Seller.

9. WARRANTIES:

Any equipment provided by the Seller will be warranted for a period of One (1) Year from the date of the equipment or replacement parts are installed by Seller. Notwithstanding the foregoing, equipment and labor provided by Seller on any physical security equipment specified on the Equipment list attached hereto shall be warranted for a period of one (1) year from the date the physical security equipment or replacement parts are installed by Seller. In no event shall Seller have any obligation to make repairs, replacements or corrections required, in whole or in part, as the result of (i) normal wear and tear, (ii) accident, disaster or other event beyond the reasonable control or fault of Seller, (iii) misuse, fault or negligence of or by Customer, (iv) use of the equipment or replacement parts in a manner for which they were not designed, (v) causes external to the equipment or replacement parts such as, but not limited to, water damage, power failure or electrical power surges or (vi) use of the equipment or replacement parts supplied by the Seller in combination with equipment or software not supplied by the Seller. Any installation, maintenance, repair, service, relocation or alteration to or of, or other tampering with the equipment or replacement parts performed by any person or entity other than Seller without Seller's prior written approval, or any use of replacement parts not supplied by Seller, shall immediately void and cancel all warranties with respect to the affected products.

PHYSICAL SECURITY - Notwithstanding the foregoing, and excluding inspections, equipment and labor provided by Seller on any physical security equipment specified on the Equipment list attached hereto shall be warranted for a period of one (1) year from the date the physical security equipment or replacement parts are installed by Seller.

THE FOREGOING WARRANTIES ARE THE SOLE AND EXCLUSIVE WARRANTIES GIVEN BY SELLER IN CONNECTION WITH THE SERVICES PERFORMED AND EQUIPMENT PROVIDED HEREUNDER, AND ARE IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, ORAL OR WRITTEN, WHICH ARE HEREBY DISCLAIMED AND EXCLUDED BY SELLER, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE.

10. INSURANCE: Seller agrees to maintain the following insurance during the term of the Agreement with limits not exceeding the stated amounts:

(a) Comprehensive General Liability insurance covering bodily injury and property damage with a limit of \$2,000,000 per occurrence and \$2,000,000 general aggregate, (b) Statutory workers' compensation and employer's liability insurance for a limit of \$1,000,000 per occurrence and (c) Automobile liability covering bodily injury and property damage with a combined single limit of \$2,000,000 per occurrence. If Seller is performing services on Customer's site, Customer will be named as additional insured under the Commercial General Liability policy only with respect to liability arising out of bodily injury or property damage but only to the extent resulting from the negligent acts or omissions of Seller or its willful misconduct arising out of the ongoing performance of its obligations under the contract. Seller does not waive its right to subrogation or provide copies of its policies, certified or otherwise nor does it provide endorsements.

11. FORCE MAJEURE Seller shall not be liable for any failure to perform or delays in installing or repairing equipment or systems, or for any interruption of any service to be performed hereunder, or in the performance of an obligation hereunder as a result of an event beyond its reasonable control, including, but not limited to, strikes, industrial disputes, fire, flood, acts of God, war, vandalism, riot, national emergency, acts of terrorism, embargoes or restraints, supplier default, extreme weather or traffic conditions, order or other act of any governmental agency, and shall not be required to supply any service to the Customer while interruption of such service due to any such cause shall continue. Service charges shall cease until service is resumed.

12. MUTUAL WAIVER OF DAMAGES: NOTWITHSTANDING ANYTHING ELSE IN THIS AGREEMENT, NEITHER PARTY SHALL BE LIABLE FOR ANY INDIRECT, LIQUIDATED, CONSEQUENTIAL, SPECIAL OR ECONOMIC LOSS, COST LIABILITY, DAMAGE OR EXPENSES HOWSOEVER ARISING, WHETHER OR NOT FORESEEABLE AND WHETHER OR NOT DUE TO NEGLIGENCE OF EITHER PARTY IN PART OR IN WHOLE.

13. ENVIRONMENTAL: Customer agrees and acknowledges that Customer shall be solely responsible for all costs, expenses, damages, fines, penalties, claims, and liabilities associated with or incurred in connection with hazardous materials or substances upon, beneath, about, or inside Customer's equipment or property, and Customer shall be solely responsible for reporting the presence of said hazardous materials or substances to the proper governmental authorities. Customer further agrees and acknowledges that title to, ownership of, and legal responsibility and liability for any and all such hazardous materials and substances at all times shall remain with Customer and that Customer shall be solely responsible for the removal, handling, and disposal of all hazardous materials in accordance with all applicable governmental regulations.

14. EXPORT COMPLIANCE: Customer hereby represents and warrants that it will comply with the requirements of all applicable export laws and regulations, including but not limited to the U.S. Export Administration Regulations, in the performance of this Agreement and the treatment of Confidential Information herein. Customer agrees to indemnify and hold harmless Seller from any costs, penalties, or other losses caused by, or related to, any violation or breach of the representations and warranties in this provision. This provision shall survive any termination or expiration of this Agreement.

15. COMMERCIAL ITEMS: Seller agrees only to perform a contract for the sale of a commercial item on a fixed-price or time and material basis. The components, equipment and services proposed by Seller are commercial items as defined by the Federal Acquisition Regulations ("FAR") Part 2, and the prices in any resulting contract and in any change proposal are based on Seller's standard commercial accounting policies and practices, which do not consider, and will not meet, any special requirements of U.S. Government cost principles and procedures under FAR or similar procurement regulations.

16. GOVERNING LAW: This Agreement shall be interpreted in and governed by the laws of the State in which the work is to be performed including all matters of construction, validity, performance and enforcement. Attorneys' fees and other legal costs may be assessed. This Agreement may be executed in multiple counterparts, each of which shall be deemed an original and of equal force and effect.

17. COSTS AND ATTORNEYS' FEES: In the event that it shall become necessary for Seller to employ a collection agency or attorney to collect unpaid charges or any other sums Customer may owe hereunder, Customer shall be liable to Seller for Seller's reasonable and necessary costs of collection and attorneys' fees incurred in such collection activities. In the event of any other legal proceeding related to this Agreement, the prevailing party in such proceeding shall be entitled to recover its costs and reasonable attorneys' fees from the other party.



16. SEVERABILITY: If any term, covenant, condition or provision of this Agreement, or the application thereof to any circumstance, shall, at any time or to any extent, be determined by a court of competent jurisdiction or an arbitrator to be invalid or unenforceable, the remainder of this Agreement, or the application thereof to circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby and each term, condition or provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

19. SUBCONTRACTING: Seller shall have the right to subcontract, in whole or in part, any installations and/or services, including but not limited to, monitoring services and/or limited warranty/extended limited warranty services which Seller may perform. Customer acknowledges that this contract and particularly those paragraphs relating to Seller's limited liability, disclaimer of warranties, and third party indemnification, inure to the benefit of, and are applicable to, any assignees and/or subcontractors with the same force and effect as they bind customer to Seller.

20. NOTICES: All notices under this Agreement shall be in writing, signed, dated and sent by overnight courier or registered or certified U.S. mail, postage prepaid, return receipt requested, to the parties at the addresses shown below. All changes of address must be in writing and delivered as provided in this Section. Notices are deemed given when deposited, as described above, with the U.S. mail or in the overnight receptacle.

Any such notice, if sent by the Customer to the Seller, shall be addressed as follows:

Attn: Red Hawk Fire & Security
14 Jetway Drive
Albany NY 12211

And if sent by the Seller to the Customer, shall be addressed as follows:

Attn: Countryside Adult Home
Edward Corcoran
353 Schroon River Road
Warrensburg, NY 12885

SIGNATURES CONSTITUTE ACCEPTANCE OF THE TERMS AND CONDITIONS CONTAINED HEREIN. AGREEMENT VALID UPON SIGNATURE OF RED HAWK MANAGER.

Red Hawk Fire & Security

Countryside Adult Home

Proposed By:

Accepted By:

1/19/2017

Gregory Johnson
Account Representative

Date

Edward Corcoran
Director

Date

Accepted By:

Steve Vallery
General Manager, Red Hawk Fire & Security

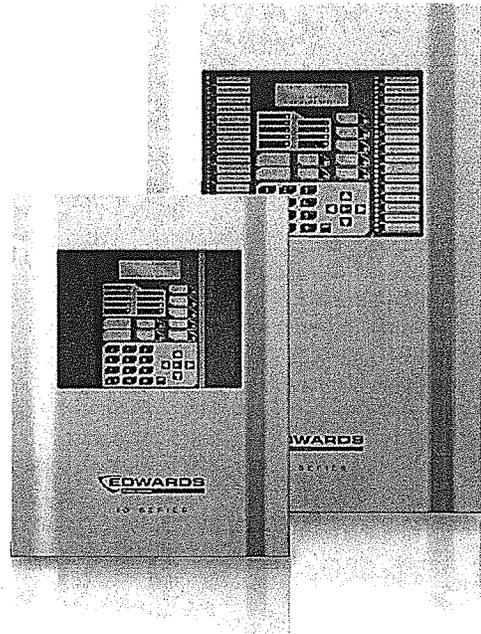
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LIFE SAFETY & INCIDENT MANAGEMENT

Intelligent Fire Alarm Systems

iO64, iO1000



FDNY
COA 6227



7165-1657-0244



Overview

EDWARDS brand intelligent life safety systems offer the power of high-end intelligent processing in configurations that deliver uncomplicated solutions for small to mid-sized applications. With intelligent detection, electronic addressing, automatic device mapping, optional Ethernet® connectivity, and a full line of easily-configured option cards and modules, these flexible systems offer versatility that benefits building owners and contractors alike.

The iO64 provides one Class A or Class B intelligent device loop that supports up to 64 device addresses, and two Class B Notification Appliance Circuits (NACs). Optional Class A device wiring is available with the use of a module.

The iO1000 provides one Class A or Class B intelligent device loop that supports up to 250 device addresses. Loop controller modules may be added in combination to expand total system capacity in 250-point increments to up to 1,000 device addresses. The iO1000 panel includes four NACs that may be wired for either Class A or Class B operation.

The RZI16-2 module adds even more capacity to iO installations by adding up to 16 conventional device circuits and two additional notification appliance circuits. This makes them an ideal retrofit solution that can accommodate new intelligent detectors, as well as existing conventional devices.

iO Series supports a wide range of high-end features, including:

- Signature Series intelligent modules, detectors, and bases
- R-Series remote annunciators
- SIGA-REL Releasing Modules
- Fully integrated CO detection using Signature Series detectors with or without audible signaling

Features

- Auto-programming speeds installation time
- Supports Signature Series intelligent modules and detectors
- Combines the Signature intelligent releasing module with Signature multisensor detectors for reliable fire suppression
- Form C contacts for alarm and trouble, Form A for supervisory
- Electronic addressing with automatic device mapping
- Optional Ethernet port for diagnostics, programming and a variety of system reports
- Two programmable switches with LEDs and custom labeling
- Supports Genesis horn silence over two wires, and UL 1971-compliant strobe synchronization
- Class B or Class A wiring
- Ground fault detection by module
- Supports up to eight serial annunciators, (LCD, LED-only, and graphic interface)
- Can use existing wiring for most retrofit applications
- Upload/download remotely or locally
- Two-level maintenance alert reporting
- Pre-alarm and alarm verification by point
- Adjustable detector sensitivity
- 4 x 20 character backlit LCD display
- Optional earthquake hardening: seismic Importance Factor 1.5
- Standalone operation
- Transmission test frequency by hour

Application

EDWARDS iO Series life safety systems are powerful intelligent solutions for small to mid-sized buildings. Advanced intelligent technology delivers the benefits of flexible system installation, while clean and easy-to-operate user interfaces make panel operation and system maintenance quick and intuitive.

The smart choice

Signature Series electronic addressing eliminates the tedium of setting dipswitches, and automatic device mapping ensures that each device resides on the system at its correct location. Meanwhile, innovative programming allows the designer to customize the system to precisely suit the needs of the building owner.

Reliability you can count on

The inherent fault-tolerant characteristics of Analog/Addressable Technology boosts the reliability of EDWARDS fire alarm systems. When combined with iO Series smoke and heat detectors, these systems deliver a level of dependability not previously available for small to mid-sized applications. All EDWARDS systems are built to exacting reliability benchmarks and meet international standards for quality, in addition to agency listings for dependability.

Clear-cut remote annunciation

Remote annunciation is a strong suit of the iO Series fire alarm systems. Up to eight annunciators can be installed on a single system. Compatible annunciators include a range of LED and LCD models that provide zone or point annunciation, as well as common control capabilities. iO control panels also supports graphic annunciation with optional RA Graphic Annunciator interface modules. Each interface provides common control and 32 LEDs.

Flexibility built right in

Two fully-programmable front panel switch/LED combinations provide an added measure of flexibility. Their slide-in labels take the mystery out of custom applications, and present a clean finished appearance.

Perfect for retrofits

EDWARDS iO Series control panels are particularly well-suited to retrofit applications. All connections are made over standard wiring – no shielded cable required. This means that in most situations existing wiring can be used to upgrade a legacy control panel to iO technology without the expense or disruption of rewiring the entire building. iO control panels also support the ingenious RZ116-2 Zone Module, which adds up to 16 conventional circuits and two NACs. This combination easily accommodates new intelligent detection alongside existing conventional circuits, making it an superior solution in the retrofit market.

Signals with a difference

iO system NACs are configurable to fully support the advanced signaling technology of EDWARDS Genesis and Enhanced Integrity notification appliances. These devices offer precision synchronization of strobes to UL 1971 standards. For Genesis devices, enabling this feature allows horns to be silenced while strobes on the same two-wire circuit continue to flash until the panel is reset.

A complete line of accessories

iO Series life safety systems are supported by a complete line of analog/addressable detectors, modules and related equipment. Consult the Ordering Information section for details.

Programming and remote diagnostics

EDWARDS iO Series life safety systems are simple to set up, yet offer advanced programming features that put these small building panels into a class of their own. The auto programming feature quickly gets the panel operational using factory default settings. Basic zone and point settings can be programmed through the front panel interface, so the system is up and running in no time.

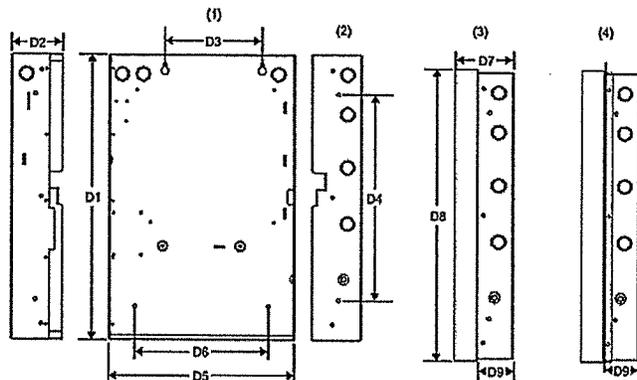
For more advanced system configuration and correlation groups programming, iO Series systems interface to a PC running compatible iO-CU software. This option offers full system configuration in the familiar Windows® operating environment. Connection is made to a laptop through the panel's optional RS-232 communications port, which can also be used to connect a system printer.

Among the many innovative features of iO Series control panels is the optional network card. This module provides a standard 10/100 Base T Ethernet® network connection that permits access to the control panel from any remote location with the correct communications protocols. The connection can be used to download to the panel from the iO-CU, or upload and view system reports using the iO-CU.

Available system reports include:

- Correlation groups
- Device maintenance
- Internal status
- System status
- Dialer
- Device details
- History
- System configuration
- Walk test
- CO runtime

Dimensions



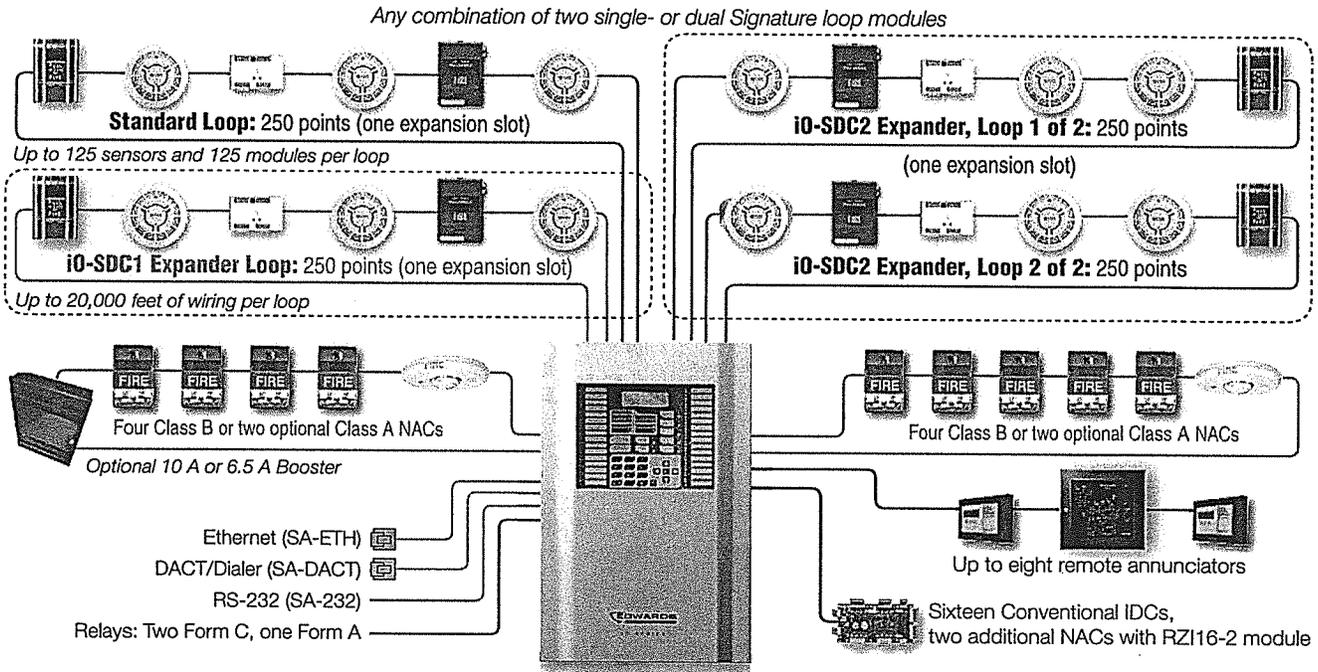
- (1) Surface Mounting Holes
 (2) Semi-flush mounting Holes
 (3) Backbox with Door Attached
 (4) Backbox with door and trim kit attached.

Panel dimensions, in (cm)									
Model	D1*	D2	D3	D4	D5*	D6	D7	D8	D9
iO1000	28.0 (71.1)	3.85 (9.8)	9.0 (22.8)	22.0 (55.8)	15.75 (40.0)	10.25 (26.0)	4.4 (11.1)	28.2 (71.6)	2.7 (6.8)
iO64	21.5 (54.6)	3.85 (9.8)	7.5 (19.0)	15.5 (39.4)	14.25 (36.2)	10.25 (26.0)	4.5 (11.4)	21.7 (55.1)	2.7 (6.8)

* Add 1-1/2 in. (3.81 cm) to D1 and D5 dimensions for trim kit. The trim kit provides 0.75 inches (1.9 cm) of trim to the top, bottom, and sides of the backbox.

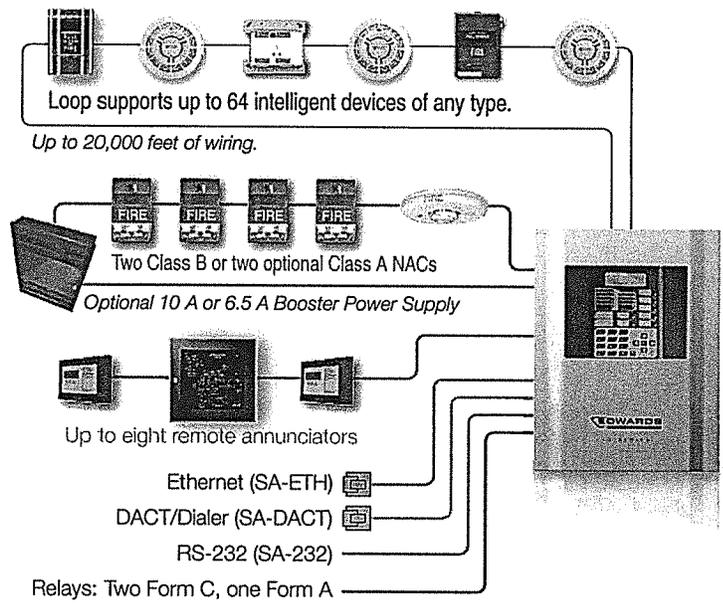
System Layout

iO1000



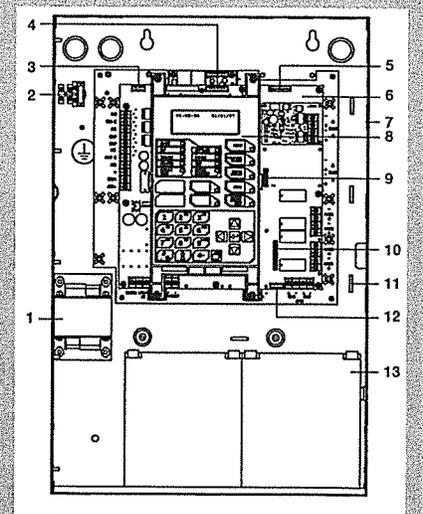
Each iO1000 panel has room for up to two Signature loop controller modules in any combination of single or dual 250-device loops. iO1000 loops support 125 detectors and 125 modules.

iO64



Each iO64 panel ships with one Signature loop controller that supports 64 devices of any type. This panel's device capacity cannot be expanded.

Panel Layout



- 1 Transformer
- 2 Main AC wiring block & fuse holder
- 3 RS-232 card connector (J3)
- 4 Dialer card connection (J8)
- 5 Ethernet card connector (J1)
- 6 Main circuit board
- 7 Panel backbox enclosure
- 8 Operator interface
- 9 SLC card connector (J7)
- 10 Class A card connector (J2)
- 11 Tie wrap mounts
- 12 LED expander connector (J6)
- 13 Standby batteries

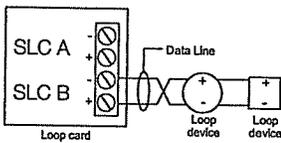
Wiring & Configuration

Signature device loop

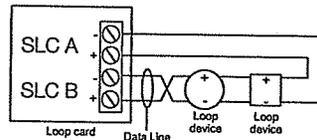
The system provides one Signature device loop circuit with a total capacity of 125 detectors and 125 module addresses. The loop circuit is supervised for opens, shorts, and grounds.

Circuit specifications	iO1000	iO64
Device loops	One Class B or A loop, supporting 125 detectors and 125 modules. Expandable to four loops.	One Class B or A loop, supporting 64 devices of any kind.
Communication line voltage	Maximum 20 V peak-to-peak	
Circuit current	0.5 A max	
Circuit impedance	66Ω total, 0.5 μF, max	
Isolators	64 maximum	
Signal Synchronization	Supported on a system-wide basis (all device loops) when using a SIGA-CC1S or SIGA-MCC1S module and Genesis or Enhanced Integrity notification appliances.	

Class B wiring



Class A wiring

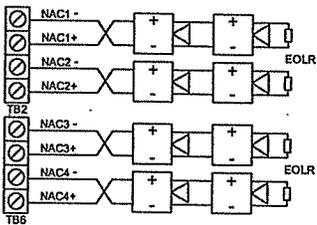


Notification appliance circuits (TB2)

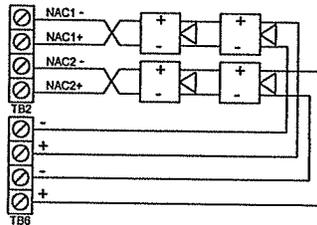
iO1000 control panels come equipped with four notification appliance circuits. iO64 control panels come with two NACs. Each circuit can be individually configured for continuous, temporal, synchronized, and coded output.

Specifications	iO1000	iO64
Circuit Type	4 Class B or 2 Class A	2 Class B or 2 Class A with SA-CLA module
Voltage	24 VFWR	
Current	6.0 A total, 2.5 A max. per circuit at 120/230 VAC 60 Hz. 5.0 A total, 2.5 A max. per circuit at 230 VAC 50 Hz.	3.75 A total, 2.5 A max. per circuit at 120/230 VAC 60 Hz. 3.0 A total, 2.5 A max. per circuit at 230 VAC 50 Hz.
Impedance	26 Ω total, 0.35 μF max	
EOLR	15 K Ω, ½ W	
Synchronization	Supported system-wide	

Class B wiring



Class A wiring



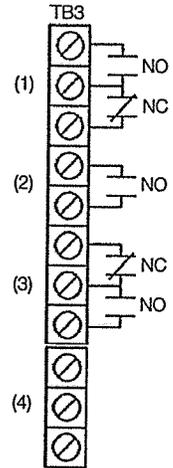
Marking indicates output signal polarity when the circuit is active. Polarity reverses when the circuit is not active. Wire notification appliances accordingly. Notification appliance polarity shown in active state.

Auxiliary & smoke power outputs (TB3)

The control panel provides two auxiliary power outputs that can be used for powering ancillary equipment such as remote annunciators and two wire smoke detectors. Aux 2 can be software selected to operate continuously. The circuit is supervised for shorts and grounds.

Circuit specifications	
Circuit voltage range	21.9 to 28.3 V
Resettable circuit (Aux power 2)	24 VDC nominal at 500 mA
Continuous circuit (Aux power 1)	24 VDC nominal at 500 mA. Use this circuit for powering two-wire smoke detectors.

Note: Any current above 0.5 amp connected to both Aux 1 and 2 will reduce the total available NAC power by that amount.



- (1) Trouble
- (2) Supervisory
- (3) Alarm
- (4) Smoke/Aux

Alarm, trouble, and supervisory relay (TB3)

The trouble relay is normally-open, held closed, and opens on any trouble event or when the panel is de-energized. The supervisory relay is normally-open, and closes on any supervisory event. The alarm relay changes over on any alarm event.

Relay specifications

	Alarm	Trouble	Supervisory
Type	Form C		
Voltage	24 VDC at 1 A resistive		24 VDC at 1 A resistive

Relay circuits can only be connected to power-limited sources.

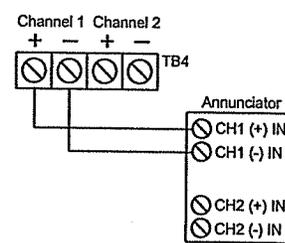
Annunciator loop (TB4)

The control panel provides a connection for up to eight serially driven and supervised remote annunciators.

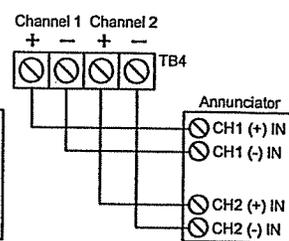
Circuit specifications

Device loops	Class B (Style Y) or Class A (Style Z)
Circuit voltage	2.55 V
Circuit current	30 mA max
Circuit impedance	Up to 8 annunciators or 4000 feet

Class B



Class A



Option Cards

EDWARDS iO Series panels are supported by a complete line of modules and related equipment that enhance performance and extend system capabilities. Option cards plug directly into the control panel main circuit board or are connected to it with a ribbon cable. After installation, terminals remain accessible. The cabinet provides ample room for wire routing, keeping wiring neat at all times.

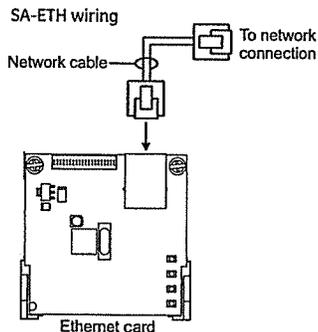
Single and Dual Loop Controller Cards

The iO-SDC1 is a single loop controller card that can be used with the iO64 as a replacement for the standard 64-point loop, or with the iO1000 as a 250-point expansion module.

The iO-SDC2 is a 500-point dual loop controller card for the iO1000 that provides two SLC circuits, each with 125 detector addresses and 125 module addresses.

Specifications	iO-SDC1	iO-SDC2
Device Addresses	iO1000: one loop, 250 device addresses iO64: 64 addresses	iO1000: two loops, 500 device addresses
Wiring	Class B or Class A	
Operating Voltage	24 VDC	
Operating Current (fully loaded loop)	Standby: 55 mA Alarm: 80 mA	Standby: 45 mA Alarm: 70 mA
<i>Note: These ratings do not include the use of two-wire smoke modules.</i>		
Communication Line Voltage	Max. 20.6 V peak-to-peak	
Terminal Rating	12 to 18 AWG (0.75 to 2.5 mm ²)	
Circuit Current	0.5 A max.	
Max total loop resistance	66 Ω	
Max total loop capacitance	0.5 μF	
Isolators	64 isolators maximum per loop (total both isolator bases and modules)	
Ground Fault Impedance	0 to 5 kΩ	
Operating Environment	32 to 120°F (0 to 49°C) 0 to 93% noncondensing at 90°F (32°C)	

SA-ETH Ethernet Interface Card



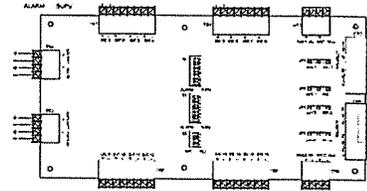
The SA-ETH card provides a standard 10/100 Base T Ethernet network connection for connecting to an intranet, a local network, or the Internet. The card can be used to download configuration programming from the iO-CU to the panel.

The Ethernet card is installed on the plastic assembly and connects to the main circuit board via a ribbon cable.

SA-ETH specifications

Ethernet	10/100 Base T
Operating environment	
Temperature	32 to 120°F (0 to 49°C)
Humidity	0 to 93% RH, noncondensing at 90°F (32°C)

RZI16-2 Remote Zone Interface Module



The RZI16-2 Addressable Remote Zone Interface Module is an addressable device that provides connections for sixteen Class B Initiating Device Circuits and two Class B Supervised Output Circuits. The inputs and outputs can be configured individually for several device types.

It requires 18 consecutive addresses on the Signaling Line Circuit (SLC). Addresses are assigned electronically. There are no address switches to set.

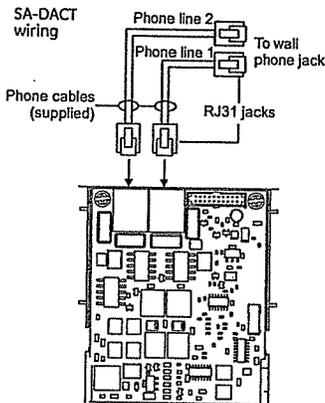
The RZI16-2 incorporates two 8-segment DIP switches that are used to select the Alarm or Supervisory default device type for each of the 16 IDC circuits. The module also includes one 4-segment DIP switch used to select the default Relay or NAC output device type. Device types other than the default are accomplished through programming.

RZI16-2 Specifications

Voltage	
24V/Aux nominal:	24 VDC
Supervisory current:	250 mA at 24 VDC nominal
Alarm Current	1000 mA
24V/Aux minimum:	18.4 VDC
24V/Aux maximum:	26.4 VDC
NAC1, NAC2 nominal:	24 VDC
Current	
Standby current for 4.7 k EOL (U.S.)	4.8 mA/ circuit
Standby current for 3.9 k EOL (Canada)	5.7 mA/ circuit
Alarm current at nominal voltage	31.1 mA/ circuit
Relay outputs	
Quantity	2
Type Rating (pilot duty)	Programmable 24 VDC at 2.5 A
Input circuit wiring resistance	25 Ω per wire
Initiating device circuits	
Quantity	16
EOL resistor	4.7 kΩ (U.S.); 3.9 kΩ Canada
Zone voltage	22.78 V for 4.7 kΩ (U.S.) 22.08 V for 3.9 kΩ (Canada)
Alarm current	31.1 mA/ channel at nominal voltage
Alarm impedance range	< 680 Ω
Trouble impedance range	> 5.55 kΩ
Supervised output circuits	
EOL resistor	15 kΩ
Quantity	2
Short circuit detection	< 2.6 kΩ
Open circuit detection	> 61.9 kΩ
Contact ratings	24 VDC at 2.5 A (5 A for two NACs)
Compatible cabinets	MFC(A), iO1000, APS

SA-DACT Dialer

The SA-DACT provides communications between the control panel and the central station over a telephone line system. It transmits system status changes (events) to a compatible digital alarm communicator receiver over the public switched telephone network. The dialer is capable of single, dual, or split reporting of events to two different account and telephone numbers. The modem feature of the SA-DACT can also be used for uploading and downloading panel configuration, history, and current status to a PC running the iO-CU.



The dialer phone lines connect to connectors on the dialer's main circuit board. Phone line 1 connects to connector J4 and phone line 2 connects to connector J1.

The SA-DACT queues messages and transmits them based on priority (alarm, supervisory, trouble, and monitor). Activations are transmitted before restorations.

The SA-DACT is installed on the plastic assembly and connects to the main circuit board via a ribbon cable.

SA-DACT specifications

Phone line type	One or two loop-start lines on a public, switched network
Phone line connector	RJ-31/38X (C31/38X)
Communication formats	Contact ID (SIA DC-05)
Operating environment	Temperature 32 to 120°F (0 to 49°C) Humidity 0 to 93% RH, noncondensing at 90°F (32°C)

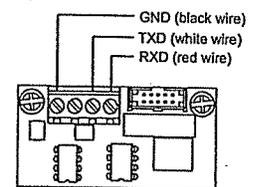
Compatible DACRs

Receiver	Models	Formats
Ademco	685	Contact ID
FBI	CP220	Contact ID
Osborne-Hoffman	OH 2000	Contact ID
Bosch	D6600	Contact ID
Silent Knight	9800	Contact ID
Sur-Gard	SG-MLR1, MLR2	Contact ID

SA-232 RS-232 interface

The SA-232 card provides an RS-232 interface with iO panels. It can be used for connecting a printer to the control panel to print system events. The card also can be used for connecting a computer to download a configuration program from the iO-CU to the control panel.

SA-232 wiring



The RS-232 card is installed on the plastic assembly and connects to the main circuit board via a ribbon cable.

SA-232 specifications

Operating voltage	Standard EIA-232
Terminal rating	12 to 18 AWG (0.75 to 2.5 sq mm)
Operating environment	Temperature 32 to 120°F (0 to 49°C) Humidity 0 to 93% RH, noncondensing at 90°F (32°C)

SA-CLA Class A Module (iO64 only)

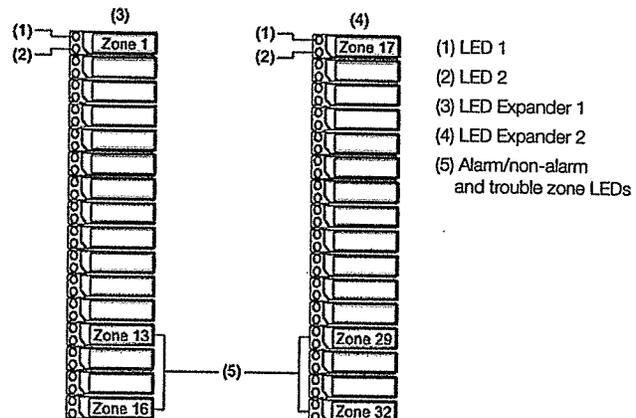
The SA-CLA card provides Class A capability for NAC wiring. Its terminal block provides the wiring connection for NAC return wiring. The card is required for annunciator Class A wiring even though this wiring does not return to the SA-CLA card. The SA-CLA is compatible with iO64 control panels only. iO1000 panels are Class A Ready. The SA-CLA is installed directly to the control panel circuit board using its plastic standoffs and plug connection.

SA-CLA specifications

Operating voltage	24 VFWR
Operating current	3.75 A FWR total at 120/230 VAC 60 Hz 3.0 A FWR total at 230 VAC 50 Hz 2.5 A max per circuit
Circuit impedance	26 ohms, 0.35uF
Terminal rating	12 to 18 AWG (0.75 to 2.5 sq mm)
Operating environment	Temperature 32 to 120°F (0 to 49°C) Humidity 0 to 93% RH, noncondensing at 90°F (32°C)

D16L-iO LED Display Expander (iO1000 only)

The D16L-iO LED Display Expanders provide LED annunciation for up to 16 zones. It provides two LEDs for each zone. Two D16L-iO LED display expanders can be installed in each iO1000 panel.



Specifications

	iO64	iO1000
Device loops	1 loop Class B or Class A (Styles 4, 6, 7) supporting up to 64 device addresses (any combination of detectors and modules) Maximum T-taps: 63 (each device can be on its own branch)	1 loop, expandable to 4, Class A or B (Styles 4, 6, 7), each loop supporting up to 250 device addresses (125 detectors and 125 modules max.). Addresses 1 to 125 are for detectors and addresses 126 to 250 are for modules Maximum T-taps/loop: 124
Notification appliance circuits	2 Class B (Style Y), Class A (Style Z) optional 3.75 A FWR total at 120/230 VAC 60 Hz 3.0 A FWR total at 230 VAC 50 Hz 2.5 A FWR each max. per circuit	4 Class B (Style Y) or 2 Class A (Style Z) 6.0 A FWR total at 120/230 VAC 60 Hz 5.0 A FWR total at 230 VAC 50 Hz 2.5 A FWR each max. per circuit
Primary power	120 VAC, 60 Hz, 1.3 A max. 230 VAC, 50-60 Hz, 0.62 A max.	120 VAC, 60 Hz, 2.0 A max. 230 VAC, 50-60 Hz, 0.97 A max.
Base panel current standby	155 mA	172 mA
Base panel current alarm	204 mA	267 mA
Input zones	16 max.	32 max.
Remote annunciator	8 drops max., RS-485 Class B, Class A is optional Data line length: 4,000 ft. (1,219 m)	8 drops max., RS-485 Class A or B Data line length: 4,000 ft. (1,219 m)
Operating voltage	24 VDC panel	
Auxiliary power output circuit	Aux power 1: 500 mA, 24 VDC Aux power 2: 500 mA, 24 VDC (1 A possible if you reduce total available NAC power by 500 mA) Output: 28.3 to 21.9 VDC, special application <i>Note: For a list of compatible devices, see the iO64 and iO1000 Series Compatibility List (P/N 3102353-EN)</i>	
Loop circuit	Maximum loop resistance: 66 Ω Maximum loop capacitance: 0.5 μ F Communication line voltage: Maximum 20.6 V peak-to-peak Operating current (fully loaded loop) Stand by: 55 mA/45 mA Alarm: 125 mA/115 mA (not including two-wire smoke modules) Circuit current: 0.5 A max. Style 4, 6, and 7 wiring Max. resistance between isolators: Limited only by overall wire run lengths 64 isolators maximum per loop (total both isolator bases and modules)	
Batteries	Type: Sealed lead acid Voltage: 24 VDC Charging current: 2.47 A max. Amp hour capacity: 26 Ah Standby operation: 24 hour or 60 hour Placement: Up to two 10 Ah batteries will fit in the iO64 control panel cabinet and two 18 Ah batteries will fit in the iO1000 control panel cabinet. If larger batteries are required, use an EDWARDS battery cabinet.	
SA-DACT dialer	Phone line type: One or two loop-start lines on a public, switched network Phone line connector: RJ-31/38X (C31/38X) Communication formats: Contact ID (SIA DC-05) Operating current Standby/Alarm: 41 mA Max.: 100 mA FCC registration number: GESAL01BSADACT Industry Canada Registration number: 3944A-SADACT Ringer equivalence number: 0.1B	
Ground fault impedance	0 to 5 k Ω	
Alarm contact	Form C N.O. 24 VDC at 1 A (resistive load)	
Trouble contact	Form C 24 VDC at 1 A (resistive load)	
Supervisory contact	Form A N.O. 24 VDC at 1 A (resistive load)	
Environmental	Temperature: 0 to 49°C (32 to 120°F) Relative humidity: 0 to 93% noncondensing	
Terminal rating	All terminals rated for 12 to 18 AWG (0.75 to 2.5 mm ²)	



LIFE SAFETY & INCIDENT MANAGEMENT

Contact us...

Email: edwards.fire@fs.utc.com
 Web: Edwards-fire.com

EDWARDS is a UTC brand.
 1016 Corporate Park Drive
 Mebane, NC 27302

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Ordering Information

Part Description

iO1000 Fire Alarm Systems

IO1000G	Four loop system with one 250-point loop installed. 110v, gray door.
IO1000G-2	Four loop system with one 250-point loop installed. 230v, gray door.
IO1000G-2-PG	Four loop system with one 250-point loop installed. 230v, gray door, Portuguese.
IO1000G-2-SP	Four loop system with one 250-point loop installed. 230v, gray door, Spanish.
IO1000G-CA	Four loop system, one 250-point loop installed. 110v, gray door, LED strips, Canada.
IO1000GD	Four loop system, one 250-point loop installed. 110v, gray door, with dialer.
IO1000G-F	Four loop system, one 250-point loop. 110v, gray door, LED strips, French Canada.
IO1000G-PG	Four loop system with one 250-point loop installed. 110v, gray door, Portuguese.
IO1000G-SP	Four loop system with one 250-point loop installed. 110v, gray door, Spanish.
IO1000R	Four loop system with one 250-point loop installed. 110v, red door.
IO1000R-2	Four loop system with one 250-point loop installed. 230v, red door.
IO1000RD	Four loop system, one 250-point loop installed. 110v, red door, with dialer.
SA-TRIM2	IO1000 Flush mount trim, black.

IO64 Fire Alarm Systems

IO64G	One loop system with one 64-point loop installed. 110v, gray door.
IO64G-2	One loop system with one 64-point loop installed. 230v, gray door.
IO64G-2-PG	One loop system with one 64-point loop installed. 230v, gray door, Portuguese.
IO64G-2-SP	One loop system with one 64-point loop installed. 230v, gray door, Spanish.
IO64GD	One loop system, one 64-point loop installed. 110v, gray door, with dialer.
IO64GL	One loop system, one 64-point loop installed. 110v, gray door, English Canada.
IO64GL-F	One loop system, one 64-point loop installed. 110v, gray door, French Canada.
IO64G-PG	One loop system with one 64-point loop installed. 110v, gray door, Portuguese.
IO64G-SP	One loop system with one 64-point loop installed. 110v, gray door, Spanish.
IO64R	One loop system with one 64-point loop installed. 110v, red door.
IO64R-2	One loop system with one 64-point loop installed. 230v, red door.
IO64RD	One loop system, one 64-point loop installed. 110v, red door, with dialer.
SA-TRIM1	IO64 Flush mount trim, black

Option Cards

IO-SDC1	Expansion module, one 250-device loop.
IO-SDC2	Expansion module, two 250-device loops, 500 devices total. For IO1000 only.
RZI16-2	Remote Zone Interface Module. 16 Class B IDCs, 2 Class B Output. Includes bracket.
SA-DACT	Dual Line Dialer/Modem, supports Contact ID, mounts in cabinet on base plate.
SA-232	RS-232 Serial Port for connection to printers & computers, mounts in cabinet.
SA-ETH	Ethernet Port, Slave, mounts in cabinet on base plate.
SA-CLA	Class A adapter module. Provides Class A capacity on NACs. Mounts in cabinet on main board. IO64 systems only.
D16L-IO-2	LED Annunciator module, 16 X 2-LED zones (4 programmable for sup). Mounts in cabinet to right of LCD display for zones 17-32. For IO1000 only.
D16L-IO-1	LED Annunciator module, 16 X 2-LED zones (4 programmable for sup). Mounts in cabinet to left of LCD display for zones 1-16. For IO1000 only.
D8RY-IO-2	Canada only: LED Annunciator module, two LEDs per zone, 16 zones (4 alarm only, 8 supervisory only, 4 alarm or supervisory). Mounts in cabinet. For IO1000 only.
D8RY-IO-1	Canada only: LED Annunciator module, two LEDs per zone, 16 zones (4 alarm only, 8 supervisory only, 4 alarm or supervisory). Mounts in cabinet. For IO1000 only.

Accessories

CTM	City Tie Module. 2-gang. Connection to a local energy fire alarm box.
MFC-A	Multifunction Fire Cabinet, 8" x 14" x 3.5" - red.
SIGA-REL	Releasing Module
PT-1S	System Printer
BC-1	Battery Cabinet. 14.0" x 18.25" x 7.25". Holds two 12V24A batteries.
BC-1R	Battery Cabinet - Red. 14.0" x 18.25" x 7.25". Holds two 12V24A batteries.
BC-1EQ	Seismic hardening Kit for IO series panels. Includes battery hardening for BC-1 enclosure and components to harden panel internal components.

Programming Tools

IO-CU	IO Series configuration and diagnostics utility.
260097	RS232 cable, 4 conductor, DB9 PC interface

Estimate:
Replace Existing Fire Panel
Date: January 20, 2017

- SECURITY ALARMS
- FIRE ALARMS
- WATER DETECTION
- CCTV SYSTEMS
- CARD ACCESS SYSTEMS
- ALARM MONITORING
- INTERCOM SYSTEMS
- TEMPERATURE ALARMS
- SPRINKLER MONITORING

NEW YORK FIRE & SECURITY

4 GLENS FALLS TECHNICAL PARK, GLENS FALLS, NEWYORK 12801-3802
NYS LIC.# 12000076894
PHONE (518) 798-9551 FAX (518) 792-5199

- FIRE EXTINGUISHERS
- CLEAN AGENT SYSTEMS
- CO2 SYSTEMS
- RESTAURANT HOOD & DUCT
PRE-ENGINEERED SYSTEMS
- EXTINGUISHER CABINETS
- FIRE HOSE & FITTINGS
- SAFETY EQUIPMENT
- FIRE TRAINING

Customer:
Countryside Adult
Home
353 Schroon River Rd.
Warrensburg NY
12885
Edward 623-3451

PROPOSAL TO FURNISH AND INSTALL NEW FIRE PANEL

SCOPE OF WORK:

New York Fire & Security will furnish and install a new fire panel to replace your existing Simplex panel. The wiring from the existing system will be re-used. We will replace devices from device count provided by customer. Any additional devices will incur an additional charge. All devices will be mounted and connected to the panel. If desired, the system will be set up for monthly monitoring. The customer will be shown how to operate the basic functions of the panel. New York Fire & Security will program and test the system. Upon completion, we will supply the customer via mail or e-mail a copy of the inspection report.

NEW EQUIPMENT INCLUDES:

- One (1) MS10UD7 Fire-Lite Fire Panel
- Two (2) FLANN-80 Key Pads
- Two (2) PS-1270 Batteries
- Eighteen (18) BK-2WTB Smoke Detectors
- Thirteen (13) BK-5601P Heat Detectors
- Eight (8) BK-P2R Strobe / Horns
- Nine (9) BK-SR Strobes
- Two (2) AX-RB30 Relays
- One (1) DK-120HW Surge Protector
- Two (2) IM-RJ31XSET Phone Jack Communicators
- All wire, labor, and misc. materials

Monitoring of your fire alarm system with daily auto test is available for \$ 29.95 per month payable 1 year in advance for a total of \$ 359.40 plus tax. Please sign here if desired_____.

TOTAL: \$ 9,795.00 + Tax

Above information is not an invoice and only a quote of services described above. This quote is contractual.

NOTES:

- 1) Price does not include sales tax. Sales tax will be added unless a tax-exempt certificate is provided.
- 2) If the wiring being used in the existing building is defective for any reason and new wires are needed additional charges for labor and wire will be applied to the customer.
- 3) This quote is based on prevailing wage rate.
- 4) TERMS: Net 10 Days
- 5) Proposal based on work being performed during normal business hours.
- 6) 110-volt power will be needed near location of the panel. This will be supplied by the customer.
- 7) Two (2) P.O.T.S. lines will be needed to monitor system. These lines to be supplied by the customer.
- 8) Any additional equipment needed to complete system will result in extra charges to the customer.
- 9) Painting and patching to be performed by others if needed.
- 10) Be advised that this system HAS NOT been discussed with your local AHJ and our staff at New York Fire & Security. Any additions to the equipment and labor needed to meet code will result in additional charges to the customer.
- 11) If you have any questions concerning this quote, feel free to contact Timothy Roberts (tim.roberts@nyfire.biz).

Thank you for your business!

Estimate:
Replace Existing Fire Panel
Date: January 20, 2017

- SECURITY ALARMS
- FIRE ALARMS
- WATER DETECTION
- CCTV SYSTEMS
- CARD ACCESS SYSTEMS
- ALARM MONITORING
- INTERCOM SYSTEMS
- TEMPERATURE ALARMS
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CONTRACTOR'S GUARANTEE:

We guarantee all material used in this contract to be as specified above and the entire job to be done in a neat, workmanlike manner. Any variations from plan or alterations requiring extra labor or material will be performed only upon written order and billed in addition to the sum covered by this contract. New York Fire and Signal Corp. does not warrant that the system may not be compromised or circumvented. In the event that a loss should occur through failure of the system or through negligence on behalf of New York Fire and Signal Corp., its employees or agents, the liquidated damages shall be held to no more than Two Hundred Fifty Dollars (\$250.00). Agreements made with our workmen are not recognized.

SIGNED: Timothy Roberts, Sales **DATE:** January 20, 2017

ACCEPTANCE OF BID:

If any account open under this proposal is not paid in accordance with payment terms, the account will be past due and in default. If any said account becomes past due, a finance charge will be assessed in the amount of 2% calculated on the billing date of each month on the balance as of the last day of the previous month (less payments and credits applied to said balance) until payment of said account has been made in full. Two percent (2%) per month is an annual rate of twenty-four percent (24%). If any said account becomes past due, and is referred for collection purposes, I and/or We agree to pay all costs of collection, including reasonable attorney's fees (minimum of \$200.00), and disbursements and court costs incurred in connection therewith.

The above specifications, terms and contract are satisfactory, and (I) (we) hereby authorize the performance of this work. It is understood and agreed by the parties hereto that New York Fire and Signal Corp. is not an insurer. Insurance, if any, will be purchased and paid for by the owner of the system.

SIGNED: _____ **DATE:** _____

**THIS PROPOSAL IS VOID IN 30 DAYS UNLESS A COPY IS SIGNED AND RETURNED
ALL PRICING SUBJECT TO CHANGE IN 365 DAYS. THIS INFORMATION IS PROPRIETARY IN NATURE. ANY DISCLOSURE
TO A THIRD PARTY IS PROHIBITED**

RESOLUTION REQUEST FORM NO. 3

Request for New Contract

DEPARTMENT NAME: COUNTRYSIDE ADULT HOME/MAINTENANCE

DATE:

- (a) Is this a Result of a Bid or Request for Proposal?

REQUEST FOR PROPOSAL

- (b) Purpose of Contract:
TO REPLACE OUR EXISTING FIRE ALARM SYSTEM AS A PREVENTIVE MAINTENANCE MEASURE TO ASSURE RESIDENT AND STAFF SAFETY.

- (c) Name of Contractor:
NEW YORK FIRE AND SECURITY

- (d) Address of Contractor: **4 GLENS FALLS TECHNICAL PARK, GLENS FALLS, NEW YORK 12801**

- (e) Contractor's Contact Person and Telephone Number:
ROB BLUMENREITER 518-798-9551

- (f) Has or will the Contract be provided, if so, please attach:
YES

- (g) Commencement Date of Contract:
TO BE DETERMINED BY THE COMMITTEE

- (h) Termination Date of Contract:
TO BE DETERMINED BY THE COMMITTEE

- (i) Payment Provisions: i) lump sum amount **X**
ii) hourly rate amount
iii) total amount not to exceed
iv) how will payments be made (i.e. monthly, quarterly, upon completion of the project, etc.)

- (j) Where are the Funds for this Contract? List Budget Code, Object Code, Full Title* and Amount: **OR** Capital Project **OR** Capital Reserve Project Number, Title, and Amount:

A6030 260 OTHER EQUIPMENT/INCLUDES ANNUAL MONITORING FEE

Sample: A.1010 470 Legislative Board – Contract \$xx.xx
Capital Project No. H289.9550 480 – Old Jail Renovations \$xx.xx

*as listed in budget and LOGOS