All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO X_____

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES   _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable)   50959_____

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Synergy Building Solutions, LLC_____

ADDRESS: 2121 Airline Dr., Suite 150_____

CITY, STATE: Metairie, LA_____   ZIP: 70001_____

TELEPHONE: (504) 309-6488_____   FAX: (504   ) 309-6455_____

EMAIL ADDRESS: jody.torres@synergybldgsolutions.com_____

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: $ 62,000.00_____

AUTHORIZED
SIGNATURE:_____   Jody Torres_____

TITLE: President_____   Printed Name

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	JOB	**Supply and Install a Fully Integrated Building Management System (BMS) at the Jefferson Parish Emergency Operation and Communication Center** **0010 - PROPOSAL TO PROVIDE LABOR, MATERIALS, EQUIPMENT, TRANSPORTAION AND ALL OTHER INCIDENTALS NECESSARY TO SUPPLY AND INSTALL ONE (1) NEW FULLY INTEGRATED BUILDING MAINTENANCE SYSTEM (BMS) AT THE JEFFERSON PARISH EMERGENCY OPERATIONS AND COMMUNICATIONS CENTER LOCATED AT 910 3RD ST, GRETNA LA 70053**	$ 62,000.00	$ 62,000.00

Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: _____

Jody Torres_____, (Affiant) who after being by me duly sworn, deposed and said that

he/she is the fully authorized President_____ of Synergy Bldg.Solutions (Entity),

the party who submitted a bid in response to Bid Number 50-00143649, to the Parish of

Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B __X__ there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

(Choose A _or_ B, if option A is indicated please include the required attachment):

        Choice A _____   Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

        Choice B __X__   There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

Updated: 02.27.2014

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

_____
Signature of Affiant

_Jody Torres_____
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE __70__ DAY OF _October____, 20_22_.

_____
Notary Public

_michelle v schmidt_____
Printed Name of Notary

_____
Notary/Bar Roll Number

Michelle V. Schmidt
Notary Public
Notary ID # 144317
Commission is for life
State of Louisiana

My commission expires _____.

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Synergy Building Solutions, LLC
INCORPORATED.

AT THE MEETING OF DIRECTORS OF _Synergy Building Solutions, LLC_
INCORPORATED, DULY NOTICED AND HELD ON _October 30, 2023_ ,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT _Jody Torres_ , BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

Annette Torres
SECRETARY-TREASURER

_10/30/2023_
DATE

ACORD®   CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/30/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Dwight Andrus Insurance
a division of HUB International Gulf South
500 Dover Blvd. Ste. 110
Lafayette, LA 70503

CONTACT NAME:
PHONE (A/C, No, Ext): (337) 981-7300
FAX (A/C, No): (337) 984-2166
E-MAIL ADDRESS: GUS.DAI.CustomerService@hubinternational.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Ohio Security Ins Co	24082
INSURER B : Progressive Paloverde Ins Co	44695
INSURER C : StarStone National Ins Co	25496
INSURER D : LUBA Indemnity Insurance Company	16001
INSURER E : Navigators Specialty Ins. Co.	36056
INSURER F :	

INSURED
Synergy Building Solutions LLC
2121 Airline Drive, Suite 550
Metairie, LA 70001

COVERAGES   CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY			BKS(24)55137355	1/1/2023	1/1/2024	EACH OCCURRENCE	$ 1,000,000
	☐ CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 1,000,000
							MED EXP (Any one person)	$ 15,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	POLICY ☐ X PROJECT LOC ☐						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:							$
B	AUTOMOBILE LIABILITY			964600560	7/1/2023	1/1/2024	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	☐ ANY AUTO						BODILY INJURY (Per person)	$
	☐ OWNED AUTOS ONLY X SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	X HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
C	X UMBRELLA LIAB X OCCUR			71317N238ALI	1/1/2023	1/1/2024	EACH OCCURRENCE	$ 4,000,000
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$ 4,000,000
	DED X RETENTION $ 10,000							$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N		N/A	027000300511123	1/1/2023	1/1/2024	X PER STATUTE ☐ OTHER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y (Mandatory in NH)						E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	$ 1,000,000
E	Pollution			NY23ECPX00967NC	1/1/2023	1/1/2024	1,000,000	1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
ACTUAL POLICY FORMS & ENDORSEMENTS ARE AVAILABLE UPON REQUEST FOR REVIEW
See page 2 - Addendum

SEE ATTACHED ACORD 101

CERTIFICATE HOLDER

Jefferson Parish, its Districts Departments and Agencies under
the direction of the Parish President and the Parish Council
200 Derbigny Street
Gretna, LA 70053

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD®

ADDITIONAL REMARKS SCHEDULE

Page 1 of 1

AGENCY	NAMED INSURED
Dwight Andrus Insurance	**Synergy Building Solutions LLC** **2121 Airline Drive, Suite 550** **Metairie, LA 70001**

POLICY NUMBER	
SEE PAGE 1	

CARRIER	NAIC CODE	
SEE PAGE 1	**SEE P 1**	EFFECTIVE DATE: **SEE PAGE 1**

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: ___ACORD 25___ FORM TITLE: Certificate of Liability Insurance

Description of Operations/Locations/Vehicles:
ADDENDUM TO CERTIFICATE OF INSURANCE: Any information contained in this Addendum is general and descriptive only. The Certificate of Insurance and this Addendum may not contain descriptions of any or all operations, locations, vehicles or exclusions. Please see policy forms and endorsements for specific coverages and exclusions.
****
Special Provisions/Operations:
HVAC Automation Systems Installation/Service/Repair

GL Includes:
• CG8810 04/13 Commercial General Liability Extension, form Includes:
---Additional Insureds - By Contract, Agreement or Permit - Who Is An Insured is amended to include as an insured any person or organization whom you have agreed to add as an additional insured in a written contract, written agreement or permit. Ongoing Operations
---Primary and Non-Contributory Additional Insured Extension - This provision applies to any person or organization who qualifies as an additional insured under any form
or endorsement under this policy.
---Waiver of Transfer of Rights of Recovery Against Others to Us - When required in a contract or agreement with you - We waive any right of recovery we may have against a person or organization because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazard"
• CG8611 10/16 - Additional Insured Automatic Status When Required in Construction Agreement With You – Contractors – Completed Operations
• CG8870 12/08 Construction Project(s) - General Aggregate Limit (Per Project)

Auto Includes:
• 2366 02/11 Blanket Additional Insured
• 2367 06/10 Blanket Waiver of Subrogation

WC Includes:
• WC000313 04/84 Blanket Waiver of Subrogation when required by written contract
• WC000308 04/84 Partners, Officers and Others Exclusion Endorsement (Jody Torres)

Umbrella Includes:
• SSNUMB0003CW 03/16 Schedule of Underlying Insurance: Business Auto, General Liability and Employers Liability listed on this COI
• SSNUMB0001CW 03/16 Follow Form per the terms and conditions of the policy

Doris Abraham

Jefferson Parish Purchasing Department

200 Derbigny Street

Gretna, LA 70053

RE: Supply and Install a Fully Integrated Building Management System (BMS) at the Jefferson Parish Emergency Operation and Communication Center (5000143649)

Dear Ms. Abraham,

Synergy Building Solutions is pleased to provide the information as per requested by "Section 5.0 Submittals" (see below for reference).

Section 5.0 Submittals

If the bidder intends to provide materials equal to or better than owner-specified materials, the following shall be provided with the bid submission. Provide the requested information with your bid to ensure the bis is deemed responsive.

- *Manufacturer's catalog data*
- *Detail sheets*
- *Specifications of product*
- *Warranty information*

Synergy Building Solutions intends to use Alerton products, and as the manufacturer's representative, we have provided the requested product information on the following pages as well as the required warranty.

COMPASS 2

Alerton's Compass Supervisor provides an intuitive, scalable user experience. Compass delivers customizable navigation, visual system cues, quick access to data, user security, advanced scheduling, alarm management and graphical representation of single or multiple buildings' systems. These features enable building operators and facility engineers to quickly identify and resolve system issues, while improving efficiencies and reduce budgets through an advanced scheduling interface.

Graphical controls bring data to life. The adaptive OmniGraphic images transform background images into interactive controls to visually communicate and indicate system status and occupant comfort levels. Experienced users have access to advanced features such as the summary display, which can provide a wide variety of complex, interactive data on one screen. Seamlessly converts Alerton legacy graphics (bitmaps) to HTML 5 format, enabling you to quickly integrate graphical content to the web without using Flash and third-party plug-ins.

Compass offers a sophisticated tool set to support any mission-critical facility, including those requiring FDA CFR21 compliance. Enhanced reporting and a secure SQL Database allow the generation of compliance reports, while LDAP authentication enables the scheduling of secure emails. With improved localization feature, multiple Web-UI users can connect to the same Compass System using their native language and comfortable numeric formats. An interactive table of data (Summary Page) allows users to sort tables and edit the value of multiple points in a single operation. Provides detailed User Activity Log allows a full audit trail of all changes made to the system.

Compass is a powerful, dynamic interface enabling users to monitor and control their facilities from anywhere, at any time. Compass incorporates the latest browser technology and is truly a marriage of current technologies and building automation - offering an unparalleled user experience.

ENERGY MANAGEMENT

Trendlogs: View trendlogs in graph or text format with multiple points per log. Archived in database format for compatibility with office applications.

Energy logs: Hourly or daily energy use and demand displayed in text format. Archived in database format for compatibility with office applications.

Demand limiting: Flexible demand metering supports various media. Shed and restore binary and analog loads according to load priority. Base strategies on time of day or season. View results in the real time.

NEW WITH COMPASS 2

- The new Installation and Configuration tool helps to reduce the install or upgrade time to complete sites efficiently.

- Alarm and Trendlog Builder: New efficient way to efficiently create and edit multiple Alarms and Trendlogs work-flow at a time.

- EASE Scheduling is now included as a standard feature in Compass 2.

- Updated Compass architecture makes BACnet data available faster in the Web-UI, improving data display performance.

FEATURES AND BENEFITS

EASY TO USE

Powerful alarm management through interactive alarm table allowing for sorting, filtering, categorizing, and commenting. Configurable tree-style navigation provides intuitive and guided browsing sessions. LDAP integration for managing user authentication.

MANAGEMENT

A wide range of building management tools are available, including Display capability, Scheduling, Alarms, Optimum start, Tenant activity, Zones, Reporting and printing, Auto archiving, Job merge, and VisualLogic® programming tool.

DYNAMIC

Create systems that are easy to upgrade and improve. Build dynamic graphics faster and easier with Compass' isometric graphics library. Supports multiple graphic formats and sizes.

ALERTON

TECHNICAL DATA

CONNECTIVITY

PARAMETER	DESCRIPTION
Supported Protocols	BACnet/Ethernet, BACnet/IPv4 and BACnet/IPv6; can be configured to act as a BACnet Broadcast Management Device (BBMD).
Supported Browsers [A]	• Chrome (latest version) [a]
Supported MS-SQL Versions [B]	• MS-SQL Server 2019 • MS-SQL Server 2017 • MS-SQL Server 2016 • MS-SQL Server 2014 SP3 (The above include Express, Standard, and Enterprise versions)
Visio Compatibility	• Visio 2016 Standard or Pro (32 bit) • Visio 2019 Standard or Pro (32 bit)

[A] Compass is designed, developed, and tested to function best using the Chrome browser. Other browsers may be compatible; however, Alerton strongly recommends the Chrome browser.

[B] If the MS-SQL Server and Compass are installed onto the same machine, the memory must be increased by 4GB - 16GB (depending on the version) and you may require additional storage capacity.

SERVICE MAINTENANCE AGREEMENT

New and upgrade Compass licenses come with 30 months of Software Maintenance Agreement (SMA). Please refer to the Order Codes list for further Software Maintenance Agreement as per license size.

ORDER CODES	DESCRIPTION
COMPASS-2-SMAXXS	Software Maintenance Agreement (SMA) for Extra-Extra Small license (1 year)
COMPASS-2-SMAXS	SMA for Extra Small license (1 year)
COMPASS-2-SMASM	SMA for Small license (1 year)
COMPASS-2-SMAMD	SMA for Medium license (1 year)
COMPASS-2-SMALG	SMA for Large license (1 year)
COMPASS-2-SMAXL	SMA for Extra-Large license (1 year)
COMPASS-2-SMAENT	SMA for Enterprise license (1 year)

ORDERING INFORMATION AND COMPUTER REQUIREMENTS

ORDER CODES	DESCRIPTION	CPU CORES [1]	MEMORY [1]	OPERATING SYSTEM
COMPASS-2-XXS	Compass 2, Extra-Extra Small license, support up to 10 BACnet devices	Quad-core	8 GB	Windows 11 (Pro/Ent)[3] 64-bit Windows 10 (Pro/Ent)[3] Windows Server 2022 Windows Server 2019 Windows Server 2016
COMPASS-2-XS	Compass 2, Extra-Small license, supports up to 25 BACnet devices	Quad-core	8 GB	
COMPASS-2-SM	Compass 2, Small license, supports up to 50 BACnet devices	Quad-core	8 GB	
COMPASS-2-MD	Compass 2, Medium license, supports up to 150 BACnet devices	Quad-core	8 GB	
COMPASS-2-LG	Compass 2, Large license, support up to 450 BACnet devices	Quad-core	16 GB	
COMPASS-2-XL	Compass 2, Extra-large license, support up to 1000 BACnet devices	Eight-core	16 GB	
COMPASS-2-ENT	Compass 2, Enterprise license, support up to 3000 BACnet devices [2]	16-core	32 GB	
COMPASS-2-UPGTOXXS	Upgrade to Compass 2 Extra-Extra Small (Up to 10)	Quad-core	8 GB	
COMPASS-2-UPGTOXS	Upgrade to Compass 2 Extra-Small (Up to 25)	Quad-core	8 GB	
COMPASS-2-UPGTOSM	Upgrade to Compass 2 Small (Up to 50)	Quad-core	8 GB	
COMPASS-2-UPGTOMD	Upgrade to Compass 2 Medium (Up to 150)	Quad-core	8 GB	
COMPASS-2-UPGTOLG	Upgrade to Compass 2 Large (Up to 450)	Quad-core	16 GB	
COMPASS-2-UPGTOXL	Upgrade to Compass 2 Extra-Large (Up to 1000)	Eight-core	16 GB	
COMPASS-2-UPGTOENT	Upgrade to Compass 2 Enterprise (Up to 3000) [2]	16-core	32 GB	
COMPASS-2-UXS[4]	Upsize from Compass-2-XXS to Compass-2-Extra Small (Up to 25)	Quad-core	8 GB	
COMPASS-2-USM[4]	Upsize from Compass-2-Extra Small to Compass-2-Small (Up to 50)	Quad-core	8 GB	
COMPASS-2-UMD[4]	Upsize from Compass-2-Small to Compass-2-Medium (Up to 150)	Quad-core	8 GB	
COMPASS-2-ULG[4]	Upsize from Compass-2-Medium to Compass-2-Large (Up to 450)	Quad-core	8 GB	
COMPASS-2-UXL[4]	Upsize from Compass-2-Large to Compass-2-Extra-Large (Up to 1000)	Eight-core	16 GB	
COMPASS-2-UENT[4]	Upsize from Compass-2-Extra-Large to Compass-2-Enterprise (Up to 3000) [2]	16-core	32 GB	

[1] CPU Cores and Memory recommendations are minimums – increasing the number of cores, and the amount of memory improves performance and provides a better user experience. Additional memory is recommended for projects with many concurrent users, displays, or templates. For example, a project with ten or more users and 100 or more displays and templates may need additional memory.

[2] The number of supported devices in the Enterprise model can be extended in 1000 device increments by applying one or more device packs at any time (COMPASS-2-ENTDP).

[3] The web-server (IIS) provided in Windows 10 and Windows 11 (Professional or Enterprise versions) has a limitation of 10 concurrent browser sessions, i.e. total number of browser sessions/tabs open across all logged in users. If there is a requirement to have more than 10 concurrent browser sessions, install Compass on a supported Windows Server OS (Server 2016, 2019, or 2022).

[4] Upsize licenses do not include an additional Software Maintenance Agreement.

ALERTON
715 Peachtree St NE
Atlanta, Georgia 30308
alerton.com

ALERTON

ACM GLOBAL CONTROLLER

The backbone of Alerton's BACtalk™ Ascent product line, the Ascent Control Module (ACM) is the industry's most agile controller in its class. It combines Alerton's pioneering and proven BACnet® capability with Tridium's® Niagara Framework® flexibility.

It provides a powerful assortment of features such as multiple global controller instances, and multiple communication networks.

The ACM can incorporate up to six (6) global controller instances and supports up to six (6) MS/TP trunks or EIA-485 LANs, consolidating the functionality of these controllers into a single configurable platform, and exceeding the functionality of six individual devices.

Two onboard Ethernet ports support 10/100/1000 Mbps Ethernet connections to the BACnet network or for NiagaraAX integration protocols such as LON IP, Modbus TCP, and SNMP.

Easy to add option cards offer scalability for additional communication trunks as needed using the two slots available on the ACM. For example, you can use one option card slot for additional BACnet communication and the second card slot for LON communication by simply adding a dual 485 card and a LON card, respectively.

The ACM's quad-core processor future-proofs the system by providing high DDC execution speed for all the computing power you need. Two-direction DIN channel and direct panel mount options enable you to mount the ACM in different positions for the best fit.

The ACM hosts automation features such as schedules, calendars, trendlogs, alarms, zones and demand limiting.

FEATURES AND HIGHLIGHTS

SCALABLE
- Supports up to six EIA-485, EIA-232 or LON LANs.

INTEROPERABLE
- Supports the BACnet Protocol on Ethernet, BACnet IP and MS/TP, as well as many Niagara^{AX} supported protocols.

ENTERPRISE READY
- Supports BACnet/IP and can operate as a BACnet broadcast management device (BBMD) with NAT support for integration on enterprise and wide-area networks.

POWERFUL
- Powered by a high-speed, quad-core CPU based on the ARM® Cortex™-A9 architecture. 1 GB DDR3 SDRAM provides a fast, reliable platform for running DDC programming and global automation routines.

SEGMENTED DDC CODE
- Allows multiple DDC program instances to run within a single controller, providing the ability to logically group sub-systems, improve uptimte by enabling service on one system without impacting another, and maximizing flexibility in programming configuration.

TECHNICAL DATA

POWER - 24 VAC @ 40 VA, 47–63 Hz, full-wave rectified.

DATA BACKUP/STORAGE - One removable microSD card.

PROCESSOR AND MEMORY - Efficient, high-speed, quad-core CPU based on the ARM® Cortex™-A9 architecture (Freescale i.MX6Quad).

REAL-TIME CLOCK - Provides system date and time.

BACNET/IP - IP support for interoperability on enterprise and WANs. Functions as up to four BACnet broadcast management devices (BBMDs) in accordance with Annex J BACnet/IP. Supports Alerton and BACnet Standard network address translation (NAT) implementations.

MS/TP - Supports two onboard networks that can be used for BACnet MS/TP or EIA-485 and up to two expansion cards (two networks each) for a maximum of six BACnet MS/TP networks per ACM.

EXPANSION - Supports up to two expansion cards for interface adapters, such as EIA-485, EIA-232 and LON.

PERSISTENT MEMORY - 1MB SRAM, one microSD card.

COMMUNICATIONS - Provides two Ethernet ports, two onboard 485 networks, two expansion cards give the ability to add up to four additional networks (for a total of six), or two 232 networks, or two LONworks networks.

Specifications subject to change without notice.

MOUNTING - 35mm DIN rail, either vertical or horizontal orientation.

DIMENSIONS - 7-1/4 W x 8-9/16 H x 1-11/16 D (inches)
185 W x 220 H x 44 D (millimeters); fits 12 x 12 x 4 (inch) panel
enclosure.

ENVIRONMENTAL - -4 to 149 °F (-20 to 65 °C), without battery,
32 to 122 °F (0 to 50 °C), with battery; 0 to 95% RH, non condensing.

BACNET CONFORMANCE - B-BC level device.

PLATFORM - Linux.

ETHERNET - Two integrated 8P8C modular connectors for use with
two 10Base-T, 100Base-TX, and 1000Base-T Ethernet networks.

NETWORKING - Supports both BACnet and Alerton network address
translation (NAT).

SOFTWARE - Programming interface is the Alerton Compass operator
workstation software.

CERTIFICATIONS AND STANDARDS
- ROHS compliant
- Applicable CE requirements
- FCC Class B
- IEC 60703
- C-Tick listed
- UL 916 for open energy management equipment.

ORDERING INFORMATION*

ITEM NUMBER
ACM   Ascent Control Module

***IMPORTANT!** There are a many ACM options for dealers who want
specific license quantities. Please check the Alerton Support Network at
asn.alerton.com for a complete list.

INNOVATIVE NEW GLOBAL CONTROLLER WITH EXTENSIVE FLEXIBILITY.

6670 185th Avenue NE, Redmond, WA 98052
Telephone: (425) 869-8400 / Fax: (425) 869-8445
alerton.com / sales@alerton.com

VIP-363-HOA

VIP-363-HOA

The VIP-363-HOA is designed for central plant systems, air handling units, clean rooms, fume hoods, large terminal units, and similar control and process equipment.

VIP-363-VAV

VIP-363-VAV

The VIP-363-VAV is designed for pressure-independent control of any single-duct variable air volume (VAV) box; it is ideally suited for critical environment applications such as Laboratory Airflow Tracking, Critical Patient Rooms, Operating Rooms, and other applications requiring precise control of airflows.

The VIP-363-VAV has a field replaceable integral airflow sensor. The airflow sensor is factory calibrated at multiple velocity points. Minimum, maximum, and reheat airflows can be entered using a Microset wall unit or compatible operator workstation software.

The Alerton® VisualLogic® IP Controller (VIP) is a BACnet Building Controller (B-BC) with a real-time clock, high resolution 16-bit universal inputs and outputs, and a 32-bit processor. The VIP controllers include on-board Hand-Off-Auto (HOA) switches for all outputs. It can operate as a stand-alone controller using its own real-time clock.

As a native BACnet B-BC, the VIP controllers integrate seamlessly with your BACnet system, communicating at up to 1000Mbps on BACnet/Ethernet, BACnet/IPv4, or BACnet/IPv6 networks. The VIP controllers have an integral 4-port switch that supports star, daisy-chain, and ring network topologies in addition to Rapid Spanning Tree Protocol (RSTP). Switch ports can be enabled/disabled.

The VIP controllers support the Alerton Microtouch™, as well as the BACtalk® Microset, Microset II, and Microset 4 intelligent wall sensors, which offer convenient data display, setpoint adjustment, and technician access to equipment setup parameters.

All control logic is programmed using Alerton's easy-to-learn graphical programming language, VisualLogic®. The VIP controllers can execute more complex calculations to meet the needs of increasingly demanding sequences of operations for building systems. Programming and setup data are stored in non-volatile flash memory, ensuring stable and reliable operation.

The VIP controllers host automation features such as schedules, trendlogs, alarms, and zones.

The VIP-363-HOA model supports up to eight expansion input/output modules VXIO-322-HOA and VXIO-965-HOA. The VIP-363-VAV does not support the VXIO modules.

VIP-363			
UI UNIVERSAL INPUTS	**BO** BINARY OUTPUTS	**UIO** UNIVERSAL INPUTS/OUTPUTS (selectable between UI and AO)	**AF** AIR-FLOW SENSOR (VIP-363-VAV only)
3	6	3	1

ALERTON

TECHNICAL DATA

POWER – 20 to 30 VAC @ 50-60 Hz. 50 VA minimum (maximum 100 VA across all BO loads). Half-wave rectified. See IMPORTANT NOTE below.

INPUTS – 16-bit universal inputs accept 10k thermistor (type II and III), dry contact, 1k platinum RTD, 0-20 mA, 0-10 V, or dry-contact pulse. External resistor required for 0-20 mA. Pulse input maximum frequency of 100 Hz. Pulse input minimum duty cycle 5ms ON / 5ms OFF.

POWER OUTPUT FOR EXTERNAL SENSORS – 20 VDC ±10% @ 250 MA maximum.

BINARY OUTPUTS – Solid-state relay rated 20-30 VAC @ 50/60 Hz, 1.0 amp continuous, 3.5 amp inrush for 100ms. Hand-Off-Auto (H-O-A) switches for manual override, software controlled, monitored switch position status. See IMPORTANT NOTE below.

ANALOG OUTPUTS – 16-bit universal analog outputs support Voltage Mode: 0-10 VDC @ 10 mA maximum (1k ohm minimum); Current Mode: 4-20 mA @ 550 ohms Maximum; or Binary Mode: 12 VDC @ 20mA maximum relay coil current (for controlling low-coil current 12 VDC relays and solid-state relays). Hand-Off-Auto (H-O-A) switches with potentiometers for manual override, software controlled, monitored switch position and potentiometer status.

MICROSET – Supports BACtalk® Microset, Microset II, or Microset 4 on input 0 (IN-0).

INPUT/OUTPUT TERMINATIONS – Removable header-type screw terminals.

PRESSURE SENSOR (VIP-363-VAV) – 16-bit polarity insensitive pressure sensor. 0-2 in.w.c. (500 Pa) range. 0.0004 in.w.c. (0.1 Pa) zero-point accuracy. 0.5% span repeatability. 1/8-inch x 3/8-inch long barb-fitting. Field replaceable.

MAX DIMENSIONS – 5.32" (135 mm) W x 4.33" (110 mm) H x 2.26" (57.4 mm) D.

MOUNTING – 35mm DIN rail or screw mounting.

ENVIRONMENTAL – Ambient: -20 to 55°C (-4 to 131°F) / Storage: -20 to 85°C (-4 to 185°F) / 5 to 95%RH non-condensing.

COMMUNICATIONS – Built-in 4-port Gigabit Ethernet Switch supports 10/100/1000BASE-T.

PROTOCOLS – BACnet/Ethernet, BACnet/IPv4, BACnet/IPv6, and Rapid Spanning Tree Protocol (RSTP).

PROGRAMMING – Supports Alerton's BD9 DDC file format using Alerton's VisualLogic® toolset.

REAL TIME CLOCK – 24-hour, 365-day, multi-year calendar, with 24-hour power fail backup.

AUTOMATION FEATURES – Supports 100 trendlogs, 100 alarms, 10 schedules, and 1 zone (internal points only)

MICROPROCESSOR – 32-bit ARM Cortex-A9, 800 MHz.

MEMORY – 1GB LPDDR3 RAM and 2GB solid-state disk storage.

I/O MICROCONTROLLER – 32-bit ARM Cortex-M4F, 180 MHz.

SECURITY – Integrated secure boot prevents loading of tampered firmware.

INPUT/OUTPUT EXPANSION – VIP-363-HOA model supports up to a maximum of eight expansion I/O modules VXIO-322-HOA and VXIO-965-HOA. Expansion I/O modules connect directly to VIP-363-HOA or can be remotely located up to 3000 feet away from the VIP-363-HOA. VIP-363-VAV does not support the VXIO modules.

ORDERING INFORMATION

ITEM NUMBER

VIP-363-HOA	ASCENT VISUALLOGIC® IP CONTROLLER
VXIO-322-HOA	ASCENT VISUALLOGIC® EXPANSION I/O MODULE
VXIO-965-HOA	ASCENT VISUALLOGIC® EXPANSION I/O MODULE
VIP-363-VAV	ASCENT VISUALLOGIC® IP CONTROLLER WITH INTEGRAL AIRFLOW SENSOR
VAV-FILTER	SINGLE FILTER FOR VIP-363-VAV

CERTIFICATION AND CONFORMANCE

BACNET CONFORMANCE – BACnet Building Controller (B-BC) level device; BTL listing, certification, and compliance to Revision 18.

UL – Listed with Underwriters Laboratory for Energy Management Equipment (PAZX) under the UL Standard for Safety 60730-1; listing includes both U.S. and Canadian (CSA/cUL) certification. Listed in UL File# E87741. UL 2043 and CAN/ULC-S142 compliance for use in plenum applications.

EMC – EMC Directive 2014/30/EU (European CE Mark).

RoHS – RoHS Directive 2011/65/EU.

FCC – FCC Part 15, Subpart B.

IC – ICES-003 Issue 6.

IMPORTANT NOTE

This device is UL listed and limited to 100VA maximum. Binary output loads are restricted by this maximum VA rating. If all 6 binary outputs are connected and fully loaded (@24VA each) the total VA of the device will exceed the UL listed and limited maximum rating. DO NOT EXCEED 100VA MAXIMUM RATING!
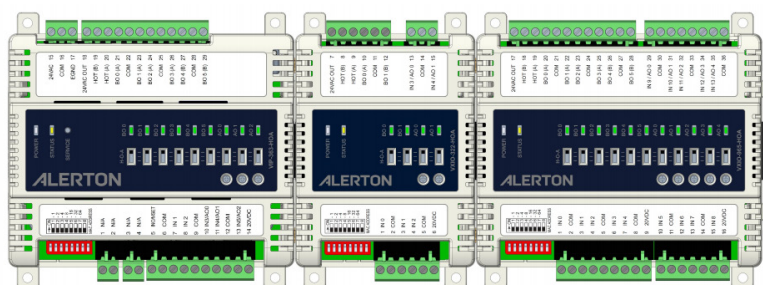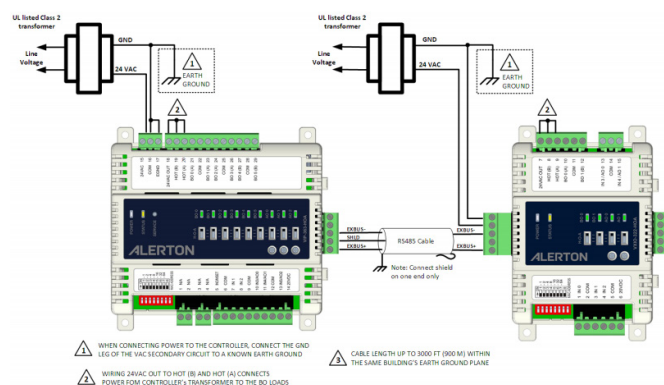
16201 25th Avenue W., Lynnwood, WA 98087
Telephone: (425) 921-4900
alerton.com / sales@alerton.com

ALERTON

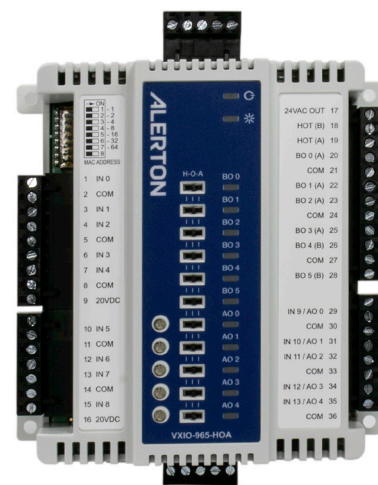# EXPANDING THE ALERTON VIP CONTROLLER CAPACITY

The Alerton® VisualLogic® Expansion Input/Output Modules (VXIO) are designed to expand the I/O capacity of Alerton® VisualLogic® IP Controllers (VIP).

The VIP controller is a BACnet Advanced Application Controller (B-AAC) with a real-time clock, high resolution 16-bit universal inputs and outputs, and a 32-bit processor. The VIP-363-HOA model is designed to support up to eight VXIO modules providing the I/O expansion for applications such as central plant systems, air handling units, clean rooms, fume hoods, large terminal units, and similar control and process equipment.
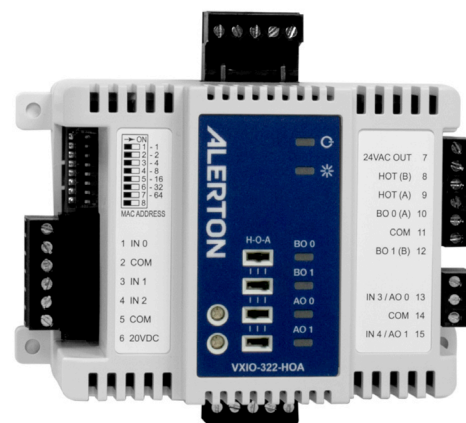
VXIO modules connect directly into the I/O expansion slot of a VIP-363-HOA controller or another VXIO module. Alternatively, VXIO modules can also be mounted remotely with total RS485 cable length of up to 3000 feet.

VXIO-965-HOA

VXIO-322-HOA

VIP-363-HOA controller, VXIO-232-HOA and VXIO-965-HOA expansion modules

VXIO-322-HOA			
UI UNIVERSAL INPUTS	**BO** BINARY OUTPUTS	**UIO** UNIVERSAL INPUTS/OUTPUTS (selectable between UI and AO)	**AF** AIR-FLOW SENSOR (VIP-363-VAV only)
3	2	2	0
VXIO-965-HOA			
UI UNIVERSAL INPUTS	**BO** BINARY OUTPUTS	**UIO** UNIVERSAL INPUTS/OUTPUTS (selectable between UI and AO)	**AF** AIR-FLOW SENSOR (VIP-363-VAV only)
9	6	5	0

TECHNICAL DATA

POWER – 20 to 30 VAC @ 50-60 Hz. VXIO-965-HOA: 35 VA minimum / VXIO-322-HOA:15 VA minimum. (maximum 100 VA across all BO loads). Half-wave rectified. See IMPORTANT NOTE below.

INPUTS – 16-bit universal inputs accept 10k thermistor (type II and III), dry contact, 1k platinum RTD, 0-20 mA, 0-10 V, or dry-contact pulse. Pulse input maximum frequency of 100 Hz. Pulse input minimum duty cycle 5ms ON / 5ms OFF.

POWER OUTPUT FOR EXTERNAL SENSORS – 20 VDC ±10% @ 250 mA maximum for VXIO-965-HOA and 100 mA maximum for VXIO-322-HOA.

BINARY OUTPUTS – Solid-state relay rated 20-30 VAC @ 50/60 Hz, 1.5 amps continuous, 3.5 amp inrush for 100ms. Hand-Off-Auto (H-O-A) switches for manual override, software controlled, monitored switch position status. See IMPORTANT NOTE below.

ANALOG OUTPUTS – 16-bit universal analog outputs support Voltage Mode: 0-10 VDC @ 10 mA maximum (1k ohm minimum); Current Mode: 4-20 mA @ 550 ohms Maximum; or Binary Mode: 12 VDC @ 20mA maximum relay coil current (for controlling low-coil current 12 VDC relays and solid-state relays). Hand-Off-Auto (H-O-A) switches with potentiometers for manual override, software controlled, monitored switch position and potentiometer status.

INPUT/OUTPUT TERMINATIONS – Removable header-type screw terminals.

MAX DIMENSIONS – VXIO-965-HOA: 5.32" (135 mm) W x 4.33" (110 mm) H x 2.26" (57.4 mm) D. / VXIO-322-HOA: 3.35" (85 mm) W x 4.33" (110 mm) H x 2.26" (57.4 mm) D.

MOUNTING – 35mm DIN rail or screw mounting

ENVIRONMENTAL – Ambient: -20 to 55°C (-4 to 131°F) / Storage: -20 to 85°C (-4 to 185°F) / 5 to 95%RH non-condensing.

COMMUNICATIONS – Communications with the VIP controller is a proprietary protocol over RS-485.

MICROCONTROLLER – 32-bit ARM Cortex M4, 120 MHz.

MEMORY – 512KB of on-chip flash and 128KB of RAM.

SECURITY – Integrated secure boot prevents loading of tampered firmware.

ORDERING INFORMATION

ITEM NUMBER

VIP-363-HOA	ASCENT VISUALLOGIC® IP CONTROLLER
VXIO-322-HOA	ASCENT VISUALLOGIC® EXPANSION I/O MODULE
VXIO-965-HOA	ASCENT VISUALLOGIC® EXPANSION I/O MODULE

CERTIFICATION AND CONFORMANCE

UL – Listed with Underwriters Laboratory for Energy Management Equipment (PAZX) under the UL Standard for Safety 60730-1; listing includes both U.S. and Canadian (CSA/cUL) certification. Listed in UL File# E87741. UL 2043 and CAN/ULC-S142 compliance for use in plenum applications.

EMC – EMC Directive 2014/30/EU (European CE Mark).

RoHS – RoHS Directive 2011/65/EU.

FCC – FCC Part 15, Subpart B.

IC – ICES-003 Issue 6.

IMPORTANT NOTE

This device is UL listed and limited to 100VA maximum. Binary output loads are restricted by this maximum VA rating. If all 6 binary outputs are connected and fully loaded (@24VA each) the total VA of the device will exceed the UL listed and limited maximum rating. DO NOT EXCEED 100VA MAXIMUM RATING!

October 31, 2023

Doris Abraham

Jefferson Parish Purchasing Department

200 Derbigny Street

Gretna, LA 70053

RE: Jefferson Parish Emergency Operation and Communication Center Warranty Letter

Synergy Building Solutions is pleased to provide this warranty letter for the Building Automation System (BAS) at Jefferson Parish Emergency Operation and Communication Center. The warranty will commence on the data of final acceptance or of beneficial use.

Upon the start of the warranty, all BAS equipment is guaranteed to be free from defects in material and workmanship for a period of five (5) years. The warranty shall include the adjustment and repair of the system, including all personal computer equipment, printers, controllers, transmission equipment, and all sensors and control devices. The warranty period shall be for five years (60) month period commencing on the date of final acceptance or of beneficial use. Performance Bond will only require one (1) year standard warranty. Installation and programming of software upgrades for all programs shall be included for five (5) years following final acceptance and the completion of the project at no additional cost to Jefferson Parish. Warranty service will be performed during our normal working hours Monday through Friday, not including holidays.

Should you have any questions on this matter, please contact our office.

Sincerely,

Jody Torres

Owner