

COVER PAGE

Sanctuary Camera System with Vmix Computer

New Life Pentecostal Church - Benson

401 East Church Street
Benson, NC 27504

Revision: 0
Modified: 12/16/2021

Presented By:

Tri-Tronics AV

1808 N Main Street
PO Box 1055
Lillington, NC 27546 United States
910-893-4183
www.tritronicsav.com



COMPANY PROFILE

Who We Are

Tri-Tronics Professional Electronics, LLC is a systems integration company specializing in custom professional audio, video, and control systems design, planning and installation. Our years of experience and wide range of suppliers allows us to offer the best value in installations and support for our customers throughout the Carolina's and Virginia. We have been in business for over 50 years and have over 2000 references.

Whatever your needs may be, we are confident we can provide you with a quality solution. Tri-Tronics employs a passionate group of people that are happy to share the latest technological improvements that help customers achieve goals that were previously thought impossible.

Tri-Tronics is a local family owned Audio/Visual (A/V) LLC, located in Lillington, NC. We have been operating since 1961 and initially started out as a technical service provider for local radio and TV broadcasting stations which quickly evolved into providing A/V equipment and service for government, corporate, education, military and house of worship facilities. This includes all aspects of audio visual integration. Our highly skilled team includes system design, installation and service personnel. If you have any need for audio/visual design, installation or service, whether it is classroom capture system or something as complex as a large scale line array system we can assist you.

Our Mission

To energize client concepts, enhance the image of our customers, and inspire each audience with a lasting impression.

Services we Provide

Pro-Audio, Video and Camera Lighting, Recording Audio and video, Production, Lighting, A/V Distribution and Streaming, Projection and more.

Statement of Performance

Client Name: **New Life Pentecostal Church - Benson**
(hereafter referred to as "Client")

The statement of performance is intended to provide the Client with Tri-Tronics Pro Electronics, LLC working standards and expectations while designing and integrating the proposed audio/visual system.

Client Responsibilities

- The Client shall be responsible for providing the following services to ensure compliance with the installation and operation of the equipment:
 - **Electrical** – Installation, connection and service of all high voltage services equal to or greater than 70 VAC shall be the responsibility of the Client. Tri-Tronics does not supply nor have certified high voltage electricians on staff. Tri-Tronics does not install any high-voltage wiring and; therefore, cannot install, connect, repair or add electrical outlets.
 - **Networking** – Tri-Tronics does not provide configuration to existing networks. In some cases, coordination with the Clients existing IT provider will be required for certain AV system functions such as wireless or remote connectivity.
 - **Wall & Ceiling Trim Work** – Finish out-of-wall/ceiling area because of the installation of projection screens, projector lifts, speakers, cameras, etc. This includes ceiling grid, gypsum, sheet-rock, concealed spine, masonry, wood and all types of wall and ceiling surfaces.
 - **Subscription-Based Services** – Services such as satellite, cable television, internet streaming, etc.
- Delays providing the above services that affect the work of Tri-Tronics may result in additional charges.

Tri-Tronics Pro Electronics' Responsibilities

- Tri-Tronics will install all equipment in accordance with the manufacturers' specifications, national and local regulation ordinances and codes, and will be in strict conformity with good engineering practices as established by the National Systems Contractors Association (NSCA) and Infocomm International.
- All Tri-Tronics staff and contractors will conduct themselves in a professional, courteous manner, maintaining a clean-cut appearance and acceptable dress. All Tri-Tronics staff is expected to check in and out with the client or an assigned contact upon arrival and departure.
- Tri-Tronics staff will maintain a clean and safe work environment. All unused materials, containers, tools and equipment will be removed when possible. Tri-Tronics will take precautions to protect all floors, walls, windows and other surfaces from stains, marring or other damage.
- Tri-Tronics will notify you of any hum or distortions beyond Tri-Tronics' control caused by interference with the building structure, electrical or existing equipment and advise the Client of alternatives to alleviate the problem.
- Tri-Tronics lists all equipment to be installed as part of the proposal. Unless specifically stated, Tri-Tronics does not intend to install equipment other than that shown in the proposal. If the Client has any other equipment installation needs, please contact us for consultation. If the product is not installed or supplied by Tri-Tronics, Tri-Tronics will not be held responsible for warranty of those products.

LIST OF EQUIPMENT

Sanctuary

- 1 C2G 41364**
6 feet Ultra flexible high speed HDMI cable with low profile connector
- 1 Magewell Capture HDMI Card (1-Channel)**
Pro Capture HDMI Card
- 1 Marshall Electronics CV620-WH4**
HD PTZ Camera (White)
- 1 Marshall Electronics CV-PTZ-WMW**
Wall mount with wire conceal. White
- 1 Marshall Electronics VS-PTC-IP**
PTZ IP Camera Controller
- 1 Middle Atlantic PD-715SC-NS**
Vertical mini PD slim power strip, 15 amp, 7 outlet
- 1 Presonus AudioBox USB 96**
AudioBox USB® 96: 2x2 USB 2.0 Audio Interface
- 1 RapcoHorizon RBM1-6**
6 foot microphone cable
- 1 Tri-Tronics Additional Hardware**
- 1 Tri-Tronics Custom vMix Computer**
Desktop Windows Computer for vMix
- 1 Viewsonic VA2246mh-LED**
22INCH FULL HD MONITOR
VA2246MH-LED 22-Inch Screen LED-Lit Monitor, 1920 x 1080, 1000:1, 250 cd/m2, 16.7M Colors, 5ms, 2.5W (x2) Internal Speakers, 3 years warranty

Sanctuary Camera System with Vmix Computer

1 **VMIX Basic HD**
Live Production & Streaming Software

100 **West Penn Wire 4245F**
Shielded Category 5E UTP Cable 4 Pair 24AWG CMR Riser - Available in multiple color

100 **West Penn Wire 841**
Rg-6 18 solid bare CATV

PROJECT SUMMARY

Tri-Tronics Pro Electronics LLC will supply the equipment and materials as specified above, plus install and test the system as described for a net investment of: **\$9,237.90**

Calculated Tax: \$646.65

Total With Tax: \$9,884.55

NOTE: This discounted proposal price is subject to change thirty days from the proposal date.

Financing for this sytem is available for a low monthly payment - pending approval.

Sanctuary Camera System with Vmix Computer



Marshall Electronics CV620-WH4

Built around a 1/2.8" 2-megapixel sensor, the Marshall Electronics CV620-IP HD PTZ Camera is a versatile, professional camera designed for corporate, broadcast, houses of worship, medical, legal, or any other professional industry which requires HD video from a remote-controllable PTZ camera.

Tri-Tronics Custom vMix Computer

Satisfies vMix's recommended specifications: Windows 10, Intel Core i7 Processor 3Ghz+, 8GB DDR4, Solid State Disk, Dedicated Nvidia Card with 2GB+ Memory, 1920x1080 Screen Resolution.



Marshall Electronics VS-PTC-IP

The Marshall VS-PTC-IP PTZ Camera Controller is designed to operate seamlessly across multiple camera protocols on a single network. Used for live event production and content creation, the VS-PTC-IP offers detailed operation through a high-quality PTZ joystick, professional zoom rocker, and individual fine-tune adjustment knobs for iris, white balance, exposure, red/blue, shutter speed, focus, pan/tilt speed, and zoom speed. The VS-PTC-IP offers cross protocol mix-control on one controller operating RS232/RS422/RS485 and IP, as well as ONVIF, and VISCA over IP. The VS-PTC-IP can setup 7 cameras via RS232, 14 cameras via RS422, and 255 cameras via IP; all selectable through a single controller. Easy IP camera discovery function automatically searches for all available IP cameras on a network.



Magewell Capture HDMI Card (1-Channel)

The Pro Capture HDMI Card from Magewell is a low-profile PCIe x1 card that allows for capturing a single channel of HDMI input. It supports capturing of component plus audio, composite plus audio, and S-video plus audio via the included DB-9 breakout cable, and HDMI plus embedded audio via the HDMI port. The card also supports multiple color sampling modes, 10- and 12-bit color depths, up to 8 audio channels at 48 kHz, and output resolutions up to 2048x2048 with frame rates up to 120 fps. It is also capable of numerous video processing features, including cropping, scaling, de-interleaving, aspect ratio conversion, color format conversion, video frame rate conversion, and video OSD composition.



Marshall Electronics CV-PTZ-WMW

Wall mount with wire conceal.



ViewSonic VA2246mh-LED

The ViewSonic VA2246mh-LED is a 22" (21.5" viewable) widescreen monitor with an LED backlight and a glossy, thin-bezel design ideal for use in the home or at the office. With Full HD 1920x1080 resolution and a 50M:1 MEGA Dynamic Contrast Ratio, the VA2246mh-LED delivers stunning brightness and contrast, while a quick 5ms response time ensures crisp pictures and smooth playback. As a complete multimedia package, the display also includes a pair of integrated speakers. VGA and HDMI inputs provide flexible and convenient connectivity, while a VESA-compatible mount offers additional flexibility.



Middle Atlantic PD-715SC-NS

7 outlet, 15 amp, slim power strip, no surge



Presonus AudioBox USB 96

AudioBox USB® 96: 2x2 USB 2.0 Audio Interface

VMIX Basic HD

vMix is software that allows you to create professional quality productions on your own computer at a fraction of the cost. vMix gives you the power to add multiple cameras, videos, images, audio, web streams, Powerpoint, titles, virtual sets, chroma key, and much more to your production. You are then able to display, record and live stream your production all at the same time! vMix can be used in large scale multi-camera events or simple webcam one person productions.

West Penn Wire 4245F

Shielded Category 5E UTP Cable 4 Pair 24AWG CMR Riser - Available in multiple color



West Penn Wire 841

Rg-6 18 solid bare CATV



C2G 41364

The Ultra Flexible High Speed HDMI Cable with Low Profile Connectors is perfect for home theater or desktop audio video applications requiring high speed HDMI features and video resolutions up to 4k (2160p).



Terms and Conditions

Client-Owned Furniture/Equipment

- Modifications to Client-owned furniture/equipment shall require a signed waiver authorizing the changes. This includes changes to existing tables, credenzas, podiums, equipment racks, etc.
- Tri-Tronics assumes no responsibility for the condition and/or functionality of Client-owned furniture/equipment.
- Tri-Tronics cannot assume responsibility for furniture/equipment that is unable to be removed. In all cases, Tri-Tronics will exercise caution to protect furniture/equipment, fixtures, etc. in the area where work is taking place.

Access to Facility

- Upon arrival for installation or unless specifically stated, Tri-Tronics must have uninterrupted access to the areas where equipment shall be installed. Interference by other trades may result in delays and/or increased labor time and expense to the Client.
- For the safety of all entities involved, Tri-Tronics requests work areas be free of other trades, the Client employees or customers, and scheduled activities during installation period.
- Please contact your project manager if there is an issue with accessibility to site.

Condition of Facility

- Tri-Tronics shall be provided a secure area on-site to store equipment during the installation period. Tri-Tronics cannot assume responsibility for the condition or adequacy of the facility in which the system is to be stored, installed or operated.
- Tri-Tronics shall not perform any installation in an area where asbestos is located. If asbestos has been removed, proper documentation shall be required.
- No installation shall take place in a room that has been painted within the past 48 hours.
- Tri-Tronics may advise the Client of any unsatisfactory operating condition due to temperature, humidity, ventilation, mechanical structure or other safety concern beyond Tri-Tronics' control and will advise of alternatives to alleviate the condition. Tri-Tronics reserves the right to refuse installation in any facility where the safety of the installation staff is of concern.

Delivery of Equipment

- The Client shall take possession and responsibility of all equipment upon delivery. Any loss due to theft or vandalism is the Client's responsibility and shall be replaced at the client's expense. Tri-Tronics is not liable for storage of the products once they have been delivered to the Client location (s)/property.

Terms and Conditions

Workmanship and Staffing

- Unless specifically stated, all work will be performed during the normal business hours of Monday through Friday, between 8:00 a.m. and 5:00 p.m., except for recognized holidays. Any work performed outside normal business hours may incur additional costs.
- All of Tri-Tronics' workmanship will be neat and detailed during and upon completion of the system integration.

Project Coordination

- During the system integration, all communication relative to the project should be directed to the Tri-Tronics' project manager.
- Tri-Tronics will coordinate and cooperate with other trades to ensure satisfactory work progress. Tri-Tronics will notify the Client if other contractors or delays impede our work so that additional charges may be avoided.
- Tri-Tronics will provide the Client with change order documents for work deviating from original approved proposal for specified equipment, location or design. Change orders will be billed at the normal hourly labor rates plus materials, shipping, restocking and other charges within normal business hours.
- Tri-Tronics cannot be held responsible for project delays resulting from changes in scope of project, room availability, unforeseen acts of nature or other circumstances beyond control of Tri-Tronics.

Additional Costs, Payment and Rights of Ownership

- An initial investment payment of 50% of the net job total is to be submitted with a signed copy of this proposal/contract unless stated on this contract. The contract must be legibly signed by one or more persons who have the authority to sign on behalf of the customer. The final payment plus sales tax is to be paid within 15 days following completion of system installation.
- Upon delivery of all or any equipment included in this proposal, title and risk of loss to the delivered equipment will be passed on to the Client.
- Tri-Tronics will retain a security interest in the equipment until all payments due have been made in full.
- On delinquent accounts, Tri-Tronics may divert shipments or reschedule deliveries on unfulfilled orders and storage fees may be incurred at a billable rate of 1 percent of value per month.

Delay in Shipping and Delivery

- If manufacturer delivery or installation is delayed, in whole or in part by forces beyond the control of Tri-Tronics, time for performance will be extended by at least the duration of the delay.

Documentation

Warranty Documents and Drawings

- To aid our efforts in protecting the environment, Tri-Tronics will only provide a digital version of operation manuals, warranty documents, and any other applicable documentation in Adobe Acrobat (PDF) format upon completion of project. Paper copies of manuals can be provided upon request for an additional charge.

Warranty

- All new equipment provided by Tri-Tronics includes each manufacturer's full warranty from the date of invoice. Tri-Tronics will honor all warranty requirements as depot service. Any additional fees outside the manufacturer warranty will be charged accordingly.
- Tri-Tronics supplies a one-year workmanship warranty from the date of completion of said system, unless superseded by an extended warranty, service agreement and/or preventative maintenance agreement. Loaner equipment and warranty related service calls may also be covered for up to one year by Tri-Tronics. Warranty does not cover customer's existing equipment.
- Items listed on proposal that are consumer products may be limited to a 90 day warranty when used in commercial applications. Warranty needs on those products are to be handled by the customer directly with the manufacturer or their service centers.
- All additional or custom maintenance agreements purchased will supersede the basic or manufacturer warranty as stipulated in the agreement.
- Tri-Tronics warrants the system to be free of defects in materials and workmanship and fit for the intended purpose. This warranty does not cover equipment or system abuse, misuse including, but not limited to, operating outside of environmental, electrical, temperature or humidity specifications, system alterations neither approved nor performed by Tri-Tronics; or repair by a service facility other than those authorized by the manufacturer.

Training

- Tri-Tronics will provide a training session to include hands-on operation and basic maintenance. All potential operators are encouraged to attend this user training session. Additional training sessions may be subject to an additional charge.

Publicity

- Tri-Tronics may request to photograph the installed presentation system/equipment and request to publicize its relationship with and work for the Client to promote Tri-Tronics business to other customers. Acceptance of our request is at the Client's sole discretion.
- Tri-Tronics may also ask to provide individual references for the promotion of Tri-Tronics business. Acceptance of this request is also at the Client's sole discretion.

CONTRACT

Sanctuary Camera System with Vmix Computer

New Life Pentecostal Church - Benson

401 East Church Street
Benson, NC 27504

Revision: 0
Modified: 12/16/2021

Presented By:

Tri-Tronics AV

1808 N Main Street
PO Box 1055
Lillington, NC 27546 United States
910-893-4183
www.tritronicsav.com



Contact Information	Name	Email Address	Phone Number
Client	Randy Lucas	randy@lucasco.info	919-622-1070
Project Manager	Chad Nipper	chad@tritronicsav.com	910-890-8187
Designer	Aaron Todd	aaron@tritronicsav.com	910-893-4183
Sales Representative	Andrew White	andrew@tritronicsav.com	910-709-2350

I have read and verified this proposed design summary and accept the Scope of Work proposed herein including the Statement of Performance. I understand that any changes occurring after the acceptance date will directly affect the completion date and may incur costs beyond the original proposed design. In addition, expedite fees for accelerated projects may apply. All changes will require an additional signature from the Client and will not be implemented without such authorization.

Client: Randy Lucas

Date:

Contractor: Tri-Tronics AV

Date:

Sanctuary Camera System with Vmix Computer

Project No : TRI-T-3865

Rev. 0

12/22/2021