



FY17

PSAP GRANT PROGRAM APPLICATION





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HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA ISP's website (<http://www.vita.virginia.gov/isp/default.aspx?id=8578>). Upon completion of the application, it is to be submitted to your Regional Coordinator. Any supporting documentation must also be submitted along with the application, including mandatory budgets for projects (if applicable).

After the close of the grant application cycle, a Grant ID and email receipt notification will be sent to the e-mail address listed on the application received.

All funding requests must be submitted using the grant application. Technical assistance is available from VITA's Public Safety Communications (PSC) staff throughout the grant process. The FY17 PSAP Grant Application Cycle starts July 1, 2015 and concludes on September 30, 2015 at 5:00 pm.

ALL APPLICABLE SECTIONS MUST BE COMPLETED IN ITS ENTIRETY OR THE APPLICATION WILL BE CONSIDERED INCOMPLETE AND NOT ACCEPTED FOR CONSIDERATION.



FY17 PSAP GRANT APPLICATION

PROJECT TITLE

Martinsville-Henry County CHE Netclock (NG911 Capable)

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Martinsville-Henry County 911

CONTACT TITLE: Director

CONTACT FIRST NAME: JR

CONTACT LAST NAME: Powell

ADDRESS 1: 3300 Kings Mountain Rd

ADDRESS 2: P.O. Box 7

CITY: Collinsville

ZIP CODE: 24078

CONTACT EMAIL: vpowell@co.henry.va.us

CONTACT PHONE NUMBER: 276-632-7677

CONTACT MOBILE NUMBER: 279-732-9543

CONTACT FAX NUMBER: 276-638-1394

REGIONAL COORDINATOR: Tim Addington

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Martinsville-Henry County 911

Henry County

City of Martinsville

GRANT TYPE

Individual PSAP

Shared Services



TIER

- Out of Service
- Technically Outdated*
- Not Applicable
- Non-Vendor Supported*
- Strengthen

If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.

VERSION: Spectracom 8393 # YEARS of HARDWARE/SOFTWARE: 6 Years

PRIORITY/PROJECT FOCUS CALL HANDLING EQUIPMENT
If "Other" selected, please specify:

FINANCIAL DATA

Amount Requested: \$ 18,841.00
Total Project Cost: \$ 18,841.00



STATEMENT OF NEED

This statement should reference the relationship to the current funding priorities established by the Grant Committee and include evidence of any financial need, along with additional information on the impact on operational services; consequences of not receiving funding; inclusion of project in a long-term or a strategic plan; and local sustainability:

This grant request meets the current funding priorities established by the Grant Committee by allowing the PSAP to continue with planning and implementation of equipment that is NG-911 compliant.

As the Martinsville-Henry County 911 Center implements Next Generation 911 Equipment, we have found our six year old Spectracom Netclock 9383 does not have the Ethernet ports required to provide time synchronization for our NG-911 call handling equipment. The existing Netclock provides only one Ethernet port which is not enough to meet the requirements of NG911 Call Handling Equipment, and many other pieces of equipment that are part of the call handling process. Spectracom, the manufacturer of our existing Netclock, has the 9300 series Netclocks on their discontinued list as of June 2015.

Without this Netclock upgrade, the PSAP will be left without the ability to provide accurate time synchronization between vital call handling pieces of equipment within the PSAP. If awarded the grant, the PSAP plans to purchase and install the Spectracom NetClock 9483 which provides expansion of four additional Ethernet ports for NG-911 call handling equipment. The PSAP will install the NetClock and provide support for future years.



Describe how the grant will be maintained and supported in the future, if applicable.

It is the intention of Henry County and the City of Martinsville to maintain this Netclock equipment into the future.

COMPREHENSIVE PROJECT DESCRIPTION

Identify the longevity or sustainability of the project.

Local sustainability will be achieved by purchasing equipment with a standard manufacturer's warranty of five years included in the purchase. PSAP staff along with the assistance of I.T. Staff will provide support as needed internally.

Describe how this project supports the Virginia Statewide Comprehensive 9-1-1 Plan.

This project will provide the PSAP with the ability to provide accurate time synchronization between multiples pieces of Call Handling Equipment that is NG-911 compliant. Without the ability to provide this accurate time source for the NG-911 equipment, the PSAP will have a liability of time synchronization which will likely lead to the delay of future NG-911 implementation.



Provide a thorough, concise, and complete description of the project, including an outline of the goals and objectives, implementation strategy, and a work plan.

This grant request is made to replace a six year old Spectracom model 9383 Netclock that is used to provide time synchronization between multiple pieces of Call Handling Equipment. The existing NetClock no longer meets the technical needs of NG911 Call Handling Equipment that is actively being installed in the PSAP. The existing NetClock provides a single Ethernet port for time source. As we actively implement NG911 Call Handling Equipment, we have found this equipment requires a dedicated Ethernet port for accurate time synchronization and overall system security. With the existing Netclock, we are unable to provide the required Ethernet ports for connectivity. Spectracom, the manufacturer of our existing Netclock, has the 9300 series Netclocks on their discontinued list as of June 2015.

If awarded the grant funds requested for this project, the PSAP will purchase two Spectracom Netclock model 9483 which provides expansion to four dedicated Ethernet ports. One NetClock will be installed in the primary PSAP facility, and the second NetClock will be installed at our backup PSAP which contains our Geo-Diverse and Redundant Call Handling Equipment.



**PROJECT TIMELINE FOR
SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:**

For each applicable phase of the project, indicate the estimated completion date. Sample activities for each phase are included.

| PROJECT PHASE | ESTIMATED COMPLETION DATE |
|--|--------------------------------------|
| <input type="checkbox"/> INITIATION (Project approved by appropriate stakeholders) Sample activities: project concept is documented, local board or governing authority approval or endorsement is received, PSAP grant application is filed, local budgets are obtained, appropriated grant funds are approved, and budgetary estimates are obtained | 09 / 01 / 15 |
| <input type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed) Sample activities: requirements are documented, components to be purchased are identified, and general design is documented | 09 / 01 / 15 |
| <input type="checkbox"/> ACQUISITION (Selected system or solution is procured) Sample activities: RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained | 07 / 05 / 16 |
| <input type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed) Sample activities: purchased components are delivered and installed and training is performed | 08 / 15 / 16 |
| <input type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production) Sample activities: performance of system/solution is validated and system/solution goes "live" | 09 / 01 / 16 |



BUDGET AND BUDGET NARRATIVE

List the planned expenditures to be made with grant funds. (NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment. However, budgetary quotes received from a particular vendor(s) during the application process do not commit the PSAP to use that vendor(s) once the grant is awarded.) Briefly explain the reason for each requested budget item and provide the basis for its cost. In addition, if contingency cost has been added, please identify the amount.

\$17,608.00 – Purchase two each; Spectracom NetClock Time Servers (Model 9483), Gigabit Ethernet Ports Card, GPS Antenna, Grounding Kit, Cable, one year support.

\$1,233.00 – 7% Contingency Fund (Installation by PSAP, etc.)

\$18,841.00 Total Grant Request



EVALUATION

How will the project be evaluated and measured for achievement and success:

The installation of the NetClocks will be performed PSAP Staff with the assistance of the Henry County I.S. Department.

The achievement and success of this project will be broken down into segments;

- 1.) Purchasing of all hardware within budget allotment.
- 2.) NetClock installation.
- 3.) Testing of NetClocks for satellite connectivity and accurate time display.
- 4.) Testing of NetClocks to provide accurate time synchronization between all NG-911 established equipment, and other PSAP equipment.

All segments of this project will be overseen by the 911 Director and/or his appointee.