

FY13

PSAP GRANT PROGRAM APPLICATION



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HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA's Integrated Services Program's website

(<http://www.vita.virginia.gov/isp/default.aspx?id=8578>). Upon completion of the application, it is to be submitted to the PSAP Grant Manager, Lisa Nicholson, at lisa.nicholson@vita.virginia.gov. Any supporting documentation must also be submitted along with the application, including mandatory budgets for projects (if applicable).

After submission, the PSAP Grant Manager will assign a Grant ID and send an e-mail notification to the project contact 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 FY13 PSAP Grant Application Cycle starts July 1, 2011 and concludes on October 31, 2011 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.



FY13 PSAP GRANT APPLICATION

PROJECT TITLE

Martinsville-Henry County 911 Center – Primary Mapping Server and Workstation Replacement (3rd Year Submission).

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Martinsville-Henry County 911
 CONTACT TITLE: Operations Supervisor
 CONTACT FIRST NAME: JR
 CONTACT LAST NAME: Powell
 ADDRESS 1: P.O. Box 7
 ADDRESS 2: 3300 Kings Mountain Rd.
 CITY: Collinsville, VA
 ZIP CODE: 24078
 CONTACT EMAIL: vpowelljr@yahoo.com
 CONTACT PHONE NUMBER: (276) 632-7677
 CONTACT MOBILE NUMBER: (276) 732-9543
 CONTACT FAX NUMBER: (276) 638-1394
 REGIONAL COORDINATOR: Tim Addington (Region 6)

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Martinsville-Henry County 911 Center	City of Martinsville
	County of Henry



GRANT TYPE

- Individual PSAP
- Consolidation
- Regional Initiative
- Secondary Consolidation

GRANT PROGRAM TYPE

- Wireless E-911 PSAP Education Program
- Continuity and Consolidation
- Enhancement

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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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: _____ # YEARS of HARDWARE/SOFTWARE: **6 YEARS**

PROJECT FOCUS "MAPPING SUPPORT"
(Primary Mapping Servers & Workstations)

FINANCIAL DATA

Amount Requested: \$ 107,439
Total Project Cost: \$ 107,439



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:

The Martinsville-Henry County 911 Center has now submitted a grant request, three consecutive years, to replace our mapping servers and workstations that are now going on their sixth year of service, and are technically outdated. Due to lack of funding during the 2011 and 2012 PSAP Grant Program, our grant requests for those two years missed the cutoff. Our PSAP now finds ourselves scrambling to secure funding to maintain the technology we have in place. This is technology that is imperative to the operations of any 911 Center, "Mapping".

Our current primary mapping servers from MicroData, along with 10 mapping and CAD workstations are running on computer hardware that has been installed and running 24/7/365 since 2007. In 2010, the hardware reached the end of its three year service warranty program and our PSAP was proactive in using local funds to purchase an additional two year warranty service, which expires July 2012. We now find ourselves reaching the end of our 5 year total warranty, and the equipment is technically outdated and well beyond its life expectancy.

Our locality has been very attentive to this hardware, relying on our Henry County I.T. Staff to assist when hardware problems have occurred. With the continuing age of these servers and computers, we find ourselves in desperate need to replace them immediately. This hardware is extremely technically outdated.

It is no secret that the City of Martinsville and the County of Henry unfortunately has the highest unemployment rate across the Commonwealth. That being said, the local economy is in no position to support this project in which we are requesting grant funds. Without the award of the requested grant funds, our PSAP, which supports three law enforcement agencies, six EMS agencies, and nine fire agencies, will be unable to replace servers and workstations that are well past their life expectancy, and risk the loss of our entire mapping solution.



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

The Martinsville-Henry County 911 Center will be responsible for maintaining the 911 mapping and CAD systems for future years. We will utilize the Henry County I.T. Department to assist in maintenance and technical assistance on these systems.

COMPREHENSIVE PROJECT DESCRIPTION

WIRELESS E-911 PSAP EDUCATION PROGRAM GRANT REQUESTS ONLY:

Describe how the education/training is 9-1-1/public safety communications specific and how this will benefit E-911 and the employee(s) and/or PSAP.

[Click here to enter text](#)



FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:

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

The Martinsville-Henry County 911 Center's goal is to replace hardware and software, running our entire mapping solution, which is technically outdated, and is well beyond its life expectancy. If awarded this grant, our PSAP will work to immediately replace this hardware and software with up to date equipment that will allow us to sustain our readiness to serve the citizens of Martinsville and Henry County, and the Commonwealth. The equipment that will be purchased will have the capability of handling NG-911 technologies forthcoming. With the recent implementation of a NG-911 CPE System, we find ourselves in desperate need to replace our primary mapping servers and workstations that have been in operation since 2007.

Our work plan would be to establish computer and monitor equipment requirements (processor speed, hard drive speed and space, etc.), have our I.T. Department obtain quotes from Dell through already existing County contracts, review quotes to ensure they are within approved grant funding amounts and, if so, request I.T. to obtain the computer and monitors. Henry County I.T. would install software, optimize hardware, and network these computers at no additional costs. Each PC would be checked prior to and just after installation in the 911 Center to ensure all hardware and software was operating successfully.



FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:

PROJECT TIMELINE – Select each applicable phase of the project and indicate the estimated completion date. Sample activities for each phase can be found in the PSAP Grant Program Guidelines as well as on the addendum to this form.

PROJECT PHASE	ESTIMATED COMPLETION DATE
<input type="checkbox"/> INITIATION (Project approved by appropriate stakeholders)	07 / 15 / 2012
<input type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed)	08 / 01 / 2012
<input type="checkbox"/> ACQUISITION (Selected system or solution is procured)	08 / 15 / 2012
<input type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	09 / 15 / 2012
<input type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production)	09 / 30 / 2012

Identify the longevity or sustainability of the project.

The Martinsville-Henry County 911 Center receives full technical support from the Henry County I.T. Department in maintaining and supporting any and all computer hardware and software. The I.T. Department has, and will continue, to provide full support on such equipment that shall be purchased through this grant.



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

This project supports Virginia Statewide E-911 Comprehensive Plan by allowing our PSAP the financial ability to replace technically outdated computer equipment that provides wireless 911 mapping and CAD functionality to the PSAP, serving the citizens of Martinsville and Henry County. This project will allow our PSAP to replace computer equipment that is used to receive process and dispatch wireless 911 calls for service, with computer equipment that is capable of handling NG-911 technologies. Noting that the existing hardware is technically outdated, and is well past its life expectancy.

REGIONAL INITIATIVE (if applicable)

The relationship of the initiative to the participating PSAPs:

The Martinsville-Henry County 911 Center provides 911 services to both the City of Martinsville and the County of Henry. With the ability to replace our technically outdated primary mapping servers and workstations, our PSAP will have the ability to continue providing the level of support expected from those localities.

Intended collaborative efforts:

The City of Martinsville and the County of Henry have worked together since 1988 in the consolidation of the Martinsville-Henry County 911 Center. Both localities provide support to the PSAP and will both benefit from the replacement of the technically outdated primary mapping/CAD servers and workstations.



Resource sharing:

The mapping servers and workstations that will be purchased through this grant will be used to support both the City of Martinsville and the County of Henry in providing receipt and processing of wireless and wireline 911 calls for service.

How does the initiative impacts the operational or strategic plans of the participating agencies:

With the ability to replace our technically outdated primary mapping servers and workstations, with such equipment capable of handling NG-911 technologies, both the City of Martinsville and County of Henry will be prepared for future technologies in the NG-911 arena.

CONSOLIDATION (Primary or Secondary) - (if applicable)

How would a consolidation take place and provide improved service:

N/A

How should it be organized and staffed:

N/A



What services should it perform:

N/A

How should policies be made and changed:

N/A

How should it be funded:

N/A

What communication changes or improvements should be made in order to better support operations:

N/A



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.) Briefly explain the reason for each requested budget item and provide the basis for its cost:

\$39,521 – (10) Primary Mapping Workstations (Dell Precision R5400) with quad video cards.

(This workstation will permit our PSAP to replace technically outdated primary mapping workstations. The proposed workstations will allow our PSAP to continue with consolidation of mapping and CAD software in a rack mounted environment instead of requesting separate workstations for each application.)

\$15,771 – (7) Primary Mapping Workstations (Dell Precision T3500) for support personnel.

(These workstations will replace the mapping workstations, that are technically outdated, for the 911 Director, Operations Supervisor, Admin Tech, County Mapping, City Mapping, EOC Mapping.)

\$7,299 – (10) Touch Screen Monitors (1928L Intellitouch Monitor)

(These monitors are used for receipt of and dispatching of wireless 911 calls for service on the 10 primary mapping workstations requested above.)

\$1,500 – (1) Dell 4820 Cabinet

(This cabinet will be used to house the 10 primary mapping workstations requested above.)

\$8,065 – (2) Smart-UPS RT 5000VA

(These UPS will provide backup power for the 10 primary mapping workstations.)

\$956 – (2) GEIST (Provide UPS redundancy for the 10 primary mapping workstations.)

\$22,155 – (2) Dell Power Edge R710 Server (Including shared storage.)

\$3,049 – (2) Microsoft Windows Server 2008 RS Enterprise Software license.

\$2,123 – (7) 20" Mapping Monitors for primary dispatch consoles.

\$7,000 – 7% Unexpected contingency fund. (This will provide the PSAP with funding for any unexpected changes in hardware requirements.)



EVALUATION

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

Each server and workstation will be shown to be in good working order in the I.T. Department upon delivery. The I.T. Department will load all software and test each component for successful operation prior to physical installation in the 911 Center. Once installed in the 911 Center, each server and workstation will be thoroughly tested again individually for successful hardware and software functionality.



FINANCIAL AND PROGRAMMATIC REPORT

PROJECT PHASES

SAMPLE ACTIVITIES

PHASE

SAMPLE ACTIVITIES

INITIATION

(Project approved by appropriate stakeholders)

- 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
- Budgetary estimates are obtained

DESIGN/PLANNING

(Project, system, or solution requirements are developed)

- Requirements are documented
- Components to be purchased are identified
- General design is documented

ACQUISITION

(Selected system or solution is procured)

- RFP (or other bid related processes) are drafted
- Proposals are evaluated
- Contract is signed
- Purchase orders are issued
- Quotes are obtained/grant funds draw down

IMPLEMENTATION

(Selected system or solution is configured and installed)

- Purchased components are delivered and installed
- Training is performed

TESTING/COMPLETION

(Selected system or solution is tested and put in production)

- Performance of system/solution is validated
- System/solution goes "live"