

FY13

PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division
FY13



FY13 PSAP GRANT PROGRAM APPLICATION

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

Page Community Communication Center Mapping 911 Display

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Page County ECC

CONTACT TITLE: Grant Specialist

CONTACT FIRST NAME: Tina

CONTACT LAST NAME: Sumpter

ADDRESS 1: 108 South Court Street

ADDRESS 2: [Click here to enter text](#)

CITY: Luray

ZIP CODE: 22835

CONTACT EMAIL: grants@pagesheriff.com

CONTACT PHONE NUMBER: 540-843-4506

CONTACT MOBILE NUMBER: 540-860-1970

CONTACT FAX NUMBER: 540-843-4507

REGIONAL COORDINATOR: Chris Hardesty

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Page County Emergency Communication

Page County, VA

Town of Luray, VA

Town of Stanley, VA

Town of Shenandoah, VA

Rileyville, VA

GRANT TYPE

Individual PSAP

Regional Initiative

Consolidation

Secondary Consolidation



GRANT PROGRAM TYPE

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

TIER

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- Technically Outdated* Strengthen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

If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.

VERSION:	# YEARS of HARDWARE/SOFTWARE:
6.0 MapObject (MO)	7

PROJECT FOCUS [Click to select a project focus from the drop down list](#)
If "Other" selected, please specify: [Click here to enter text](#)

FINANCIAL DATA

Amount Requested: \$ 99,748
 Total Project Cost: \$ 99,748

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 Page County PSAP is in need of \$99,748 to replace Our Dispatch Mapping System. The current system is MapObject (MO) based and uses ESRI Shapefile Data Format. The Page County PSAP request funding through the Continuity and Consolidation Program for a project to purchase a more up-to-date ArcObjects based dispatch mapping system which utilizes ESRI's GeoDatabase file format.

The request for funding aligns with the 9-1-1 Mapping Display Software/Hardware High Priority category under the GIS Related Grant Priority Matrix.

Due to recent budget constraints the Page County PSAP does not have sufficient funds for this project due to local budget cuts. Therefore, we are requesting grant assistance to fund this project.

The project has a direct effect on operational services of the PSAP. The project will allow the use of GeoDatabase Address Locator technology to be used when locating emergency 9-1-1 and CAD calls within the PSAP's jurisdiction. Address Locator technology will improve the accuracy of call location. The project will also positively affect the operational services by providing the latest in ESRI AO and GeoDatabase technology to the PSAP.

The consequences of not receiving this funding will mean PSAP's dispatch mapping system will remain outdated in a MapObjects based mapping system.

This project is part of a long term strategic plan to upgrade the PSAP with the latest GIS tools. That will allow the dispatcher to locate an address quickly which will allow emergency response to be quicker.

This project will be locally sustainable through the help of the county GIS Department, PSAP and the mapping vendor will provide long-term support and maintenance.



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

The grant will be maintained and supported in the future by the Page County Communication Center Budget. The Page County Communication Center will submit within their budget for the Board of Supervisors approval to support funding of managing and maintenance of the mapping. In addition, we will continue to search for and apply for grant funding.

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.

n/a



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.

This project will involve the replacement of the Outdated MapObjects/Shapefile based on dispatch mapping display system with an up-to-date ArcObjects/GeoDatabase Dispatch Mapping Display System. The project will also involve the implementation of an enhanced bi-directional CAD/MAP integration. This integration is comprised of software components from both the CAD vendor and the Mapping vendor.

Goal #1: Replacement of Outdated dispatch mapping solution in order to provide telecommunication staff with a more up-to-date dispatch mapping and CAD integration solution.

Objective #1: Implement the latest ESRI ArcObjects and GeoDatabase Technology in the PSAP

Objective #2: Implement a bi-directional CAD/Map Integration allowing for more seamless communications between platforms

Implementation Strategy: The Page County PSAP plans to implement this project through the use of a third party vendor(s). The vendor(s) will be responsible for developing an implementation strategy sufficient for project success. The PSAP will assist the vendor through project coordination, meetings, conference calls, GIS data and other required resources in order to ensure a successful project. A final implementation plan will be developed upon project initiation.

The PSAP plans to implement this project as part of a comprehensive plan for upgrading the PSAP's mapping system to GeoLynx 911 format. The PSAP's plans to use a third party vendor in order to develop a work plan and implementation process for this project.



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 checked="" type="checkbox"/> INITIATION (Project approved by appropriate stakeholders)	09 / 20 / 11
<input checked="" type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed)	07 / 25 / 12
<input checked="" type="checkbox"/> ACQUISITION (Selected system or solution is procured)	12 / 30 / 12
<input checked="" type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	03 / 31 / 13
<input checked="" type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production)	06 / 30 / 13

Identify the longevity or sustainability of the project.

Once implemented the County GIS department will have the ability to sustain the project going forward.



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

The project supports the Virginia Statewide E-911 Strategic Comprehensive Plan by providing a standard level of emergency response services to the public. This project will allow us to work toward achieving Goal A of the 2.2 Strategic Goals. The goal will be for law enforcement and emergency rescue to provide a consistent emergency response to everyone within Page County, at any time of the day, and during any event. This project will assist our PSAP with receiving, processing and dispatching calls to law enforcement and fire rescue in a dependable and repeatable manner.

REGIONAL INITIATIVE (if applicable)

The relationship of the initiative to the participating PSAPs:

n/a

Intended collaborative efforts:

n/a



Resource sharing:

n/a

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

n/a

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:

GeoLynx 911 (AO) Dispatch Mapping System: \$69,093

This will cover purchase cost of the ArcObjects Dispatch Mapping system including an extended maintenance period of 5 years. Based on the vendors quote this component will cost \$69,093.

The CAD/MAP Interface requires components from both the CAD Vendor and the Mapping Vendor. The details on each are outlined below.

GeoComm CAD Interface: \$ 8,755

This will cover the purchase of the GeoComm's portion of the CAD Interface, including an extended maintenance period of 5 years. Based on the vendor's quote this component will cost \$8,755.

DaPro CAD Interface: \$21,900

This will cover the purchase cost of DaPro's portion of the CAD Interface, including an extended maintenance of 5 years. Based on the vendors quote this component will cost \$21,900.

Total: \$99,748



EVALUATION

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

The Page County PSAP will evaluate and measure the achievements of this project by working with a third party vendor.

The PSAP will require that the vendor:

- Establish timelines, goals and benchmarks for this data development
- To implement a project implementation document outlining each phase and when each phase is completed
- Follow a payment schedule which coincides with phase of implementation

In addition, the PSAP will require that a portion of payment be withheld until the project has been completed.



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"