



FY18

PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division



FY18 PSAP GRANT PROGRAM APPLICATION

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 the electronic mailbox for grant applications - psapgrants@vita.virginia.gov. Any supporting documentation must also be submitted along with the application when making your grant application submission.

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 FY18 PSAP Grant Application Cycle starts July 1, 2016 and concludes on September 30, 2016 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.



FY18 PSAP GRANT APPLICATION

PROJECT TITLE

Bristol City-Dispatch Mapping Upgrade

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Bristol City, VA 911

CONTACT TITLE: Captain

CONTACT FIRST NAME: Darryl

CONTACT LAST NAME: Milligan

ADDRESS 1: 501 Scott Street

ADDRESS 2: 2T

CITY: Bristol

ZIP CODE: 24201

CONTACT EMAIL: dmilligan@bristolva.org

CONTACT PHONE NUMBER: 276-645-7284

CONTACT MOBILE NUMBER: 423-502-2594

CONTACT FAX NUMBER: 276-645-3797

REGIONAL COORDINATOR: Tim Addington

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Bristol City, VA PSAP

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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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: GeoLynx Desktop 8.1.1.3 # YEARS of HARDWARE/SOFTWARE: 4

PRIORITY/PROJECT FOCUS MAPPING SYSTEMS

FINANCIAL DATA

Amount Requested: \$ 150,000

Total Project Cost: \$ 150,000



PROJECT DESCRIPTION

Provide a detailed description of the project for which funding is being sought, including the impact on operational services and consequences of not receiving funding; the relationship to local strategic and capital improvement plans; and sustainability:

The Bristol City – 9-1-1 Map Display Upgrade Project directly relates to the funding priority established by the PSAP Grant Program’s Grant Committee under the Mapping Systems Program. The purpose of this project is to address technically outdated hardware and software. The current dispatch mapping system utilizes technically outdated ESRI technology. The PSAP is in need of upgrading to a new dispatch mapping system which will be compatible with the latest ESRI enterprise technology and prepare for NG-911.

Financial Need:

Bristol City is in need of financial funding to upgrade the current dispatch mapping application. Without financial support from the Virginia Wireless E-911 Services Board, it is unlikely that the Bristol – 9-1-1 Map Display Upgrade Project will take place. Budget shortfalls along with local and State budget cuts have made it impossible to fund the upgrade to the 9-1-1 Map Display System in the foreseeable future. Also, Bristol does not have general funds that it can allocate to upgrade the mapping software and hardware at the Primary PSAP.

Impact to Operational Services:

Upgrading the current system will ensure the latest ESRI technology for dispatch mapping technology is available to the PSAP as well as moving to mapping platform with NG-911 capabilities. Additionally this upgrade includes ESRI Enterprise technology providing a more efficient means of maintaining the most current map data. Currently all dispatch mapping is workstation based and uses outdated ESRI technology. This limits the dispatcher’s capabilities in working with the latest ESRI technology. Also, with the current system being workstation based, this limits the ability to relocate the mapping software should the need arise due to evacuation, etc.

Consequences of Not Receiving Funding:

Bristol does not have local funding sufficient for this upgrade. Without grant funding, the upgrade cannot be accomplished. This has adverse consequences on the PSAP. Should funding not be received the PSAP will be required to continue using their existing, technically outdated system. If funding is not received then it will not be possible to upgrade the current mapping system.

Inclusion of Project in a Long-Term or a Strategic Plan:

Bristol has identified this upgrade to be critical. This provides dispatchers from any jurisdiction the ability to perform daily operations from any workstation and provides them with the latest enhancements for locating 911 callers.



PROJECT GOAL

Describe how this project addresses locally identified need(s) and supports the Virginia 9-1-1 Comprehensive Plan:

The Bristol City 9-1-1 Map Display Upgrade Project mirrors the vision of the Virginia Statewide E-911 Comprehensive Plan to allow 9-1-1 emergency response to operate at an optimal level of service and capability. Our project follows our goals to provide consistent emergency response services to anyone residing in or passing through the City of Bristol or the Commonwealth, at any time of day, and during any event. This project also allows the PSAP to keep up with the rapid pace of technology, innovation, and the constant changes in customer's expectations.

PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

The proposed system can easily be incorporated into an Emergency Services Network (EsiNet) and serve as the primary mapping system for regional or statewide NG 9-1-1 efforts. The system can be deployed to any computer with a network connection and a browser as it runs through an internet browser and is easily scalable. This solves the issue of the current system being workstation based only. This will upgrade from a desktop solution to a server based solution. B compatible with the latest ESRI releases, enable single dispatch mapping repository, eliminate the need for high-end GIS hardware/software at each workstation and allow dispatchers access to the current mapping from any workstation. Provide a better operating picture by allowing user access from any computer connected to the network and provide an easier method of adding additional dispatch workstations as needed.



SHARED SERVICES (if applicable)

Describe the relationship of the project to the participating PSAPs:

N/A

Describe the intended collaborative efforts and resource sharing opportunities:

N/A



**IMPLEMENTATION PLAN
SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:**

For each applicable phase of the project, indicate the planned completion date.

PROJECT PHASE	PLANNED COMPLETION DATE
INITIATION – 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.	01 / 15 / 18
DESIGN/PLANNING - Requirements are documented, components to be purchased are identified, and general design is documented.	03 / 15 / 18
ACQUISITION - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.	07 / 15 / 18
IMPLEMENTATION - Purchased components are delivered and installed and training is performed	09 / 15 / 18
TESTING/COMPLETION - Performance of system/solution is validated and system/solution goes “live”	01 / 31 / 19



BUDGET AND BUDGET NARRATIVE

List the planned expenditures to be made with grant funds. 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.

NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment, but a narrative is still required. 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.

GeoLynx Server Dispatch Mapping	\$71,556
GeoLynx Server Annual Cost	\$9,335
GeoLynx Server Extended Annual Price (2-5 years)	\$37,338
Hardware & Network Equipment Needed	\$31,771
Total Project Cost	\$150,000.00

EVALUATION

How will the project as identified in the project description be evaluated and measured for achievement and success:

The vendor will be required to submit a detailed project timeline, goals and deliverables as part of the awarded contract. This project will be monitored through periodic meetings between the PSAP, vendors and stakeholders. Vendor representatives will be required to participate in these meetings and provide project updates or status reports. The PSAP will designate a project lead. The project lead will work with the vendor to ensure specific goals are met throughout the project. Payment terms will be based on milestone events. Milestone events will be carefully developed and negotiated before contract signing. As part of the implementation plan the vendor will be required to produce and adhere to an acceptance test plan. The project lead will ensure all items in the acceptance test plan have been met. The project lead will also review the acceptance test plan before signing. Final payment will be withheld until the acceptance test plan has been approved and signed.



CONSOLIDATION (Primary or Secondary) - (complete only if applicable)

How would a consolidation take place and provide improved service:

2T

How should it be organized and staffed:

2T

What services should it perform:

2T

How should policies be made and changed:

2T



CONSOLIDATION (Primary or Secondary) - (complete only if applicable) – con't

How should it be funded:

2T

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

2T