



FY17

PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division



FY17 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 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

Scott County-Dispatch Mapping Upgrade

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Scott County, VA

CONTACT TITLE: Director

CONTACT FIRST NAME: Janice

CONTACT LAST NAME: Jennings

ADDRESS 1: 239 Nena Street

ADDRESS 2: P O Box 395

CITY: Gate City

ZIP CODE: 24251

CONTACT EMAIL: jjennings@scottcountyva.com

CONTACT PHONE NUMBER: (276) 386-7220

CONTACT MOBILE NUMBER: (423) 571-1942

CONTACT FAX NUMBER: (276) 386-9098

REGIONAL COORDINATOR: Tim Addington

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Scott County, VA PSAP

_____	_____
_____	_____
_____	_____
_____	_____

GRANT TYPE

X Individual PSAP

Shared Services



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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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: GeoLynx Desktop 8.1.1
 HARDWARE/SOFTWARE:

YEARS of
 6 Years

PRIORITY/PROJECT FOCUS 9-1-1 MAPPING DISPLAY

If "Other" selected, please specify: Primary Mapping Support

FINANCIAL DATA

Amount Requested: \$ 150,000

Total Project Cost: \$ \$153,471

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 Scott County – 9-1-1 Map Display Upgrade Project directly relates to the funding priority established by the PSAP Grant Program’s Grant Committee under the Continuity and Consolidation 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

Continued on next page:



a new dispatch mapping system which will be compatible with the latest ESRI enterprise technology and prepare for NG-911.

Financial Need:

Scott County 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 Scott County – 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, the Scott County 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:

Scott County does not have local funding sufficient for this upgrade. Without grant funding, the upgrade cannot be accomplished. This has adverse consequences on the PSAP.

Consequences of Not Receiving Funding Cont.:

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:

Scott County 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.



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

Funding from the PSAP grant program will allow the Scott County to upgrade the technically outdated desktop platform currently in use with the new server based solution. Local sustainability will be achieved by having equipment (hardware and software) that will be covered by a manufactures' warranty that includes both vendor support and maintenance. Once the manufactures' warranty expires, the PSAP will include future maintenance fees in the local budget. The Scott County may also decide to adjust the years for extended warranty based on vendor cost and available funding at the time of contract execution.

COMPREHENSIVE PROJECT DESCRIPTION

Identify the longevity or sustainability of the project.

Scott County – 9-1-1 Map Display Upgrade Project will ensure that the PSAP will have the most up-to-date technology available for mapping hardware and software that will support longevity of our project as we prepare for the coming NG-911 technology. The project will be sustained through vendor maintenance. The new mapping equipment will support future technologies by allowing the PSAP to not only maintain current levels of wireless 911 services but also allow the PSAP to keep up with rapidly changing technology and the demands placed on these services by the residents of Scott County and visitors to our area. The new system will also make it much easier for new GIS technology to be incorporated into the day to day operation of the PSAP and allow for a smoother transition when changes are needed to allow the PSAP to stay on the cutting edge of technology.



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

Scott County 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 Scott County 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.

The proposed system can easily be incorporated into an Emergency Services Network (EsiNet) and serve as the primary mapping system for regional or statewide NG9-1-1 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.

SHARED SERVICES (if applicable)

The relationship of the project to the participating PSAPs:

3T



Intended collaborative efforts:

3T

Resource sharing:

3T

How does the project impact the operational or strategic plans of the participating agencies:

3T



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

Project Goals and Objectives:

1. Upgrade the dispatch mapping solution from a desktop solution to a server based solution
2. Provide the PSAP with a dispatch mapping application which is compatible with the latest ESRI version release
3. Enable Advanced ESRI technology for the PSAP.
4. Enable the PSAP to take advantage of a single dispatch mapping repository.
5. Eliminate the need for high-end GIS hardware at each workstation
6. Allow dispatchers to access the mapping from any workstation.
7. Incorporate a role based system allowing administrative control over specific system functionality based on user login and user role
8. Provide a better Common Operating Picture (COP) by allowing user access from any computer connected to the network.
9. Provide Active/Passive Server Redundancy
10. Provide an easier method of adding additional dispatch workstations as needed.

Implementation Strategy:

Our local IT staff will help to ensure all proper network connectivity, software and hardware is in place.

The vendor will provide full implementation services for Software and Server Hardware components. The vendor will then provide full training services for the new system.

Work Plan:

Our strategy for implementing the latest Dispatch Mapping technology is to:

1. Assess the overall cost of the project
2. Collect vendor quotes for hardware and software
3. Consult with vendor on desired implementation schedule
4. Secure funding for the project
5. Ensure Map Data meets vendor specification
6. Secure contracts for software and hardware upon approval of funding
7. Work with local IT staff on installation and networking of new hardware
8. Coordinate with software vendor on installation of new software
9. Establish Software Support and Maintenance agreements with software vendor
10. Initiate and complete acceptance test plan for software



**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	01 / 15 / 16
<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	03 / 15 / 16
<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 / 10 / 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	09 / 10 / 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"	12 / 10 / 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.

Phase I – GeoLynx Server Software/Hardware	\$93,471
Phase II – GeoLynx Server Implementation/Training	\$13,400
Phase III – GeoLynx Server Extended Support and Maintenance	\$46,600
Total Project Cost	\$153,471

EVALUATION

How will the project 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:

3T

How should it be organized and staffed:

3T

What services should it perform:

3T



How should policies be made and changed:

3T

How should it be funded:

3T

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

3T