

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

Patrick- Mapping Display

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Patrick County Sheriff's Office

CONTACT TITLE: E911 Coordinator

CONTACT FIRST NAME: Mickie

CONTACT LAST NAME: Martin

ADDRESS 1: PO Box 933

ADDRESS 2: 742 Commerce Street

CITY: Stuart

ZIP CODE: 24171

CONTACT EMAIL: mmartin@sheriff.co.patrick.va.us

CONTACT PHONE NUMBER: 276-694-3161

CONTACT MOBILE NUMBER: 276-692-7207

CONTACT FAX NUMBER: 276-694-5033

REGIONAL COORDINATOR: Tim Addington

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

_____	_____
_____	_____
_____	_____
_____	_____

### GRANT TYPE

X 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- Technically Outdated\*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**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**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:x9GIS /x9Collector/xtrakker # YEARS of HARDWARE/SOFTWARE:5+

**PRIORITY/PROJECT FOCUS** 9-1-1 MAPPING DISPLAY

**If "Other" selected, please specify:** 9-

**FINANCIAL DATA**

Amount Requested: \$ 150,000.00

Total Project Cost: \$ 159,888.00

**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:

2TThis project is based on Non-Vendor Supported by the guidelines established by the Grant Committee. On June 26, 2015, our agency received a letter from Telecommunication Systems (TCS) announcing the End of Life for their x9GIS and x9Collector products. With this notification, our agency requests grant funding to replace their current 911 mapping display system xtrakker product. Replacement of all components of the mapping system will provide a seamless product without multiple vendors. Without support from the 911 Services Board, it is unlikely the PSAP will be able to replace its current Non-Vendor Supported Hardware and Software. This project is a major expense for our county. Without grant funding, we will not be able to replace this system at this time. This has the potential to put our citizens and visitors to our county at risk. Patrick County has identified the replacement to be a critical component of our Strategic Plan. This provides dispatchers with fully supported hardware/software and the latest 9-1-1 mapping solution.

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

Upon expiration of warranty, our agency will coordinate with the hardware vendor for extended maintenance and include required hardware maintenance fees in our budgetary planning. We will also coordinate with our software vendor for additional warranties and include the associated cost in local budget planning.



## COMPREHENSIVE PROJECT DESCRIPTION

Identify the longevity or sustainability of the project.

Upgrading the 9-1-1 Mapping display hardware/software is critical for long-term sustainability of mission critical components within the PSAP. Our current system software will no longer be vendor supported after March 31, 2015. Our hardware is over 5 years old. Our mapping project will help to ensure the 9-1-1 Mapping Display hardware/software is sustainable by replacing the current system. The project will further promote sustainability by securing software warranties and software upgrades for the 9-1-1 Mapping Display Software. Beyond the warranty period, funding will be including in local budgetary planning.

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

This project mirrors the vision of the Virginia Statewide E9-1-1 Comprehensive Plan to allow 9-1-1 emergency response to operate at an optimal level of service and capability. It is our goal to provide consistent emergency response services to anyone residing in or passing through Patrick County, at any time of day, and during any event. To accomplish this goal, we must have the proper equipment, reliable equipment and be able to maintain the equipment in good working order.

### SHARED SERVICES (if applicable)



The relationship of the project to the participating PSAPs:

N/A

Intended collaborative efforts:

N/A

Resource sharing:

N/A



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

N/A

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

Goals and Objectives:

- Replace Primary Dispatch Mapping System hardware
- Replace mapping software
- Secure warranties for hardware and software

Implementation Strategy

- Our local IT staff will help to ensure all proper network connectivity
- Vendor will provide full implementation services for software and hardware components.
- Vendor will provide full training services for the new system

Work Plan:

1. Assess the overall cost of the project
2. Collect quotes for hardware
3. Consult with vendors on desired implementation schedule
4. Secure funding for the project
5. Secure contracts for hardware/software upon approval of funding
6. Work with local IT staff on installation and networking of new hardware
7. Work with vendors to replace mapping software
8. Schedule training with vendors



**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
<p><b>X INITIATION</b> (Project approved by appropriate stakeholders)</p> <p>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</p>	<p><b>01 / 31 / 16</b></p>
<p><b>X DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)</p> <p>Sample activities: requirements are documented, components to be purchased are identified, and general design is documented</p>	<p><b>03 / 31 / 16</b></p>
<p><input type="checkbox"/> <b>ACQUISITION</b> (Selected system or solution is procured)</p> <p>Sample activities: RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained</p>	<p><b>07 / 01 / 16</b></p>
<p><b>X IMPLEMENTATION</b> (Selected system or solution is configured and installed)</p> <p>Sample activities: purchased components are delivered and installed and training is performed</p>	<p><b>08 / 31 / 16</b></p>
<p><input type="checkbox"/> <b>TESTING/COMPLETION</b> (Selected system or solution is tested and put in production)</p> <p>Sample activities: performance of system/solution is validated and system/solution goes "live"</p>	<p><b>09 / 30 / 16</b></p>



## 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.

1. Primary Mapping Display Hardware/Software: Provides replacement of current mapping hardware and software
2. Installation and Training Services: Includes all installation and setup services required for system implementation
3. Software and Hardware Warrantee: Warranties include support and maintenance

## EVALUATION

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

Project success will be measured by: successful procurement, installation, testing and deployment of the mapping system with all timelines being met as agreed. Appropriate training for all personnel is completed with everyone comfortable with the system.



**CONSOLIDATION (Primary or Secondary) - (complete only 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

## Budgetary Quote

*Prices are valid for a period of 90 days.*

*Total does not include sales tax. Applicable taxes will be determined upon contract signing.*

*Patrick County is responsible for paying all sales taxes.*

GeoComm proposes to implement an active/passive GeoLynx Server system capable of supporting four (4) Dispatch Mapping positions.

Description	Total Price
<b>Base Pricing</b>	
GeoLynx Server GIS Setup Services	\$1,000
GIS Map Data, ALI Database, and MSAG Analysis Service	\$1,375
NG9-1-1 GIS Data Update Services	\$35,617
GeoLynx Server Dispatch Mapping Licenses (4)	\$34,000
GeoLynx Server 9-1-1 Call Viewing	Included
GeoLynx Server Dispatch Mapping Installation and Training	\$7,970
Project Coordination	\$5,626
<b>Base Pricing Total:</b>	<b>\$85,588</b>
<b>Annual Pricing</b>	
GeoLynx Server Dispatch Mapping Licenses Annual Software Support and Maintenance	\$6,800
GeoLynx Server 9-1-1 Call Viewing Annual Software Support and Maintenance	Included
<b>Annual Pricing Total:</b>	<b>\$6,800</b>
<b>Extended Annual Pricing (total, years 2-5)</b>	
GeoLynx Server Dispatch Mapping Licenses Annual Software Support and Maintenance	\$27,200
GeoLynx Server 9-1-1 Call Viewing Annual Software Support and Maintenance	Included
<b>Extended Support and Maintenance Total:</b>	<b>\$27,200</b>
<b>Total:</b>	<b>\$119,588</b>

Notes: GIS Data Analysis pricing is based on receiving GIS data which includes minimum fields and files required to complete a comprehensive analysis. GeoComm does not assume responsibility for correcting preexisting GIS data errors. If a substantial number of errors exist, GeoComm may provide GIS data remediation services, for a fee.

Server hardware specification capacity is recommended for <50 simultaneous users. Performance is impacted based on a number of things including network performance, map data configuration, and the number of users.

GeoComm proposes GeoLynx Server in an N+1, Active + Passive type architecture. Use of the GeoLynx Server backup license will provide redundancy in instances when the active server is not available such as for routine maintenance and/or in the event the primary GeoLynx Server is inoperable. The use of both GeoLynx Server licenses simultaneously is not permitted.

Hardware/Software for Mapping

Vmware Server vSphere 6 with Operations Management Software and Licensing	\$ 26,000.00
Microsoft Server 2012 R2 Open License	\$ 5,000.00
Veeam Availability Suite Enterprise for Vmware	\$ 6,500.00
Barracuda 340 Load Blancer	\$ 2,800.00
	\$ 40,300.00

June 26, 2015

Ms. Mickie Martin  
E911 Coordinator  
Patrick County Sheriff's Office  
P.O. Box 933  
742 Commerce Street  
Stuart, VA 24171

Dear Mickie,

Based on the evaluation of our product portfolio and market feedback, TeleCommunication Systems, Inc (TCS) is notifying you that we are announcing the End of Life for our x9GIS and x9Collector products. Please consider this letter your written notification of the End of Life for these two products. This means x9GIS and x9Collector will no longer be enhanced and that maintenance and technical support will be discontinued when your current maintenance agreement ends March 31, 2016.

We apologize for any inconvenience but we are working with our partners to identify solutions that can provide you with alternatives for the current functionality should you desire one.

As I mentioned on the phone, we are working with GeoComm to provide a replacement system for x9GIS. I will notify GeoComm to start working on a proposal. You may hear from GeoComm directly to gather information related to the proposal.

I also apologize for not notifying you sooner. For some reason, Patrick County was left off the list of customers I received from headquarters. Sorry you had to hear this from another county rather than TCS.

If you have any questions, please contact Doug Kesser at 410-280-1083 or [dkesser@telecomsys.com](mailto:dkesser@telecomsys.com). I will retire as of July 2 and Doug will be taking over for me.

Thanks you for your business and loyalty. We hope to continue to support your 9-1-1 system for years to come.

Best regards,

Bob Gojanovich, ENP  
Regional Account Manager

Hardware/Software for Mapping

Vmware Server vSphere 6 with Operations Management Software and Licensing	\$ 26,000.00
Microsoft Server 2012 R2 Open License	\$ 5,000.00
Veeam Availability Suite Enterprise for Vmware	\$ 6,500.00
Barracuda 340 Load Blancer	\$ 2,800.00
	\$ 40,300.00