



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

Northumberland County- Dispatch Mapping Upgrade

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Northumberland County

CONTACT TITLE: Assistant County Administrator

CONTACT FIRST NAME: Luttrell

CONTACT LAST NAME: Tadlock

ADDRESS 1: P.O. Box 129

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

CITY: Heathsville

ZIP CODE: 22473

CONTACT EMAIL: ltadlock@co.northumberland.va.us

CONTACT PHONE NUMBER: 804-580-8910

CONTACT MOBILE NUMBER: [Click here to enter text](#)

CONTACT FAX NUMBER: 804-580-8082

REGIONAL COORDINATOR: Sam Keys

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Northumberland County PSAP

_____	_____
_____	_____
_____	_____
_____	_____

GRANT TYPE

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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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

YEARS of HARDWARE/SOFTWARE:

TCS (microData) x9GIS & x9Collector

Approximately 6 years

Microsoft Windows XP

Approximately 6 years

PRIORITY/PROJECT FOCUS 9-1-1 MAPPING DISPLAY

If "Other" selected, please specify: [Click here to enter text](#)

FINANCIAL DATA

Amount Requested: \$ 150,000

Total Project Cost: \$ 157,398

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:

Northumberland County has utilized TCS's x9GIS, x9Collector, and xTrakker to maintain and distribute mapping data to its dispatchers since 2010. TCS will no longer support their x9GIS/x9Collector software and will be discontinued when our maintenance agreement ends in March 2016. These computers are also running Windows XP which is no longer being supported by Microsoft.

Continued on next page:



The purpose of this project is to address the non-vendor supported hardware and software. Northumberland is in need of upgrading to a new dispatch mapping system which will be compatible with the latest ESRI enterprise technology and have a better work flow with updating the dispatchers mapping system.

Financial Need:

Northumberland County is seeking financial support from the Virginia Wireless E-911 Services Board for this project. Without this funding, it will be unlikely that the dispatch mapping upgrade will occur as local monies have not been allocated to this project.

Impact to Operational Services:

Upgrading the current non-vendor supported system will ensure the latest dispatch mapping technology and maintenance support is available to the PSAP. The proposed replacement system is built on the latest ArcGIS architecture, is compatible with the most recent ArcGIS 10.x release, and is web-based, allowing for access to the system from any computer on the network without the need for multiple installations of expensive and support intensive workstation-based mapping software.

Consequences of Not Receiving Funding:

Without grant funding, this upgrade cannot be accomplished and would result in the continued use of the non-vendor supported software and hardware.

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

It has always been the goal of Northumberland County's PSAP to utilize current technologies to ensure an accurate and rapid response during emergency situations. This upgrade will continue to support this goal by providing software and hardware for efficient mapping maintenance and providing dispatchers with up to date technology to readily dispatch calls. This upgrade will also aid in progressing towards Next Generation 911.

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

As part of the proposed mapping system update, Northumberland County plans to include five (5) years of extended maintenance and software support. Any maintenance or software support beyond this time frame will be covered by the County budget.



COMPREHENSIVE PROJECT DESCRIPTION

Identify the longevity or sustainability of the project.

Moving to a web-based mapping solution will ensure Northumberland has the most up-to-date technology available and will enable the County to easily maintain and migrate GIS data when changes are needed in the PSAP. The new system will also make it much easier to incorporate additional data from surrounding jurisdictions.

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

The Northumberland County- Dispatch Mapping Upgrade Project mirrors the vision of the Virginia E-911 Comprehensive Plan to allow 9-1-1 emergency response to operate at an optimal level of service and capability. Our project also follows the Strategic Goals established in the Plan to provide consistent emergency response services to all citizens in Northumberland County as well as those visiting. This project allows the Northumberland PSAP to keep up with the rapid pace of technology, innovation, and the constant changes in customer’s expectations.



SHARED SERVICES (if applicable)

The relationship of the project to the participating PSAPs:

[Click here to enter text](#)

Intended collaborative efforts:

[Click here to enter text](#)

Resource sharing:

[Click here to enter text](#)



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

[Click here to enter text](#)

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

[Click here to enter text](#)



**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	03 / 01 / 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	04 / 01 / 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 / 15 / 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 / 01 / 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"	10 / 01 / 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.

1. Servers & Software: Hardware & software for two (2) servers to support 911 mapping display software. Software will provide 911 Dispatcher Mapping, call plotting and administrative functions. Includes active/passive redundant software system.
2. Workstations: Two (2) workstations for GIS maintenance and three (3) 911 mapping display workstations are needed to replace the existing infrastructure of x9GIS and xTrakker. Workstations are needed to replace the current non-vendor supported XP operating system and x9GIS equipment.
3. Load Balancer: Hardware & software to support active/passive redundancy.
4. GIS Services: Evaluation of County's existing 911 GIS mapping data to ensure synchronization between 911 GIS Data, MSAG, and ALI Database and to prepare data for NG-911.
5. Extended Maintenance & Support: The amount shown is for extended maintenance and support for years 2-5 and do not exceed a total five (5) year period.

Hardware

• Servers w/ Monitors	\$13,798
• Workstations w/ Monitors	\$4,324
• Load Balancer	<u>\$2,231</u>
Category Total	\$20,353

Software, GIS Development & Maintenance

• GeoLynx Server Dispatch Mapping System Software	\$46,229
• GeoLynx Server Routing	\$10,250
• GeoLynx DMS and MSAG Manager	\$15,395
• GIS Services, ALI Database, & MSAG Analysis Service	\$31,171
• Extended Support & Maintenance (years 2-5)	<u>\$34,000</u>
Category Total	\$137,045
Total Project	\$157,398



EVALUATION

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

This project will be monitored through periodic communications between the PSAP, County IT, County GIS, and the Vendor. The selected vendor(s) will be required to submit a full project schedule with specific milestone events. The vendor(s) will also be required to provide an Acceptance Test Plan (ATP). Final vendor payment will be withheld until the system is operating as proposed and the ATP has been approved and signed by the project director.

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

How would a consolidation take place and provide improved service:

[Click here to enter text](#)

How should it be organized and staffed:

[Click here to enter text](#)



What services should it perform:

Click here to enter text

How should policies be made and changed:

Click here to enter text

How should it be funded:

Click here to enter text

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

Click here to enter text

October 25, 2015

E. Luttrell Tadlock
Assistant County Administrator
Northumberland County
P.O. Box 129
72 Monument Place
Heathsville, VA 22473

Dear Luttrell,

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.

We are working with GeoComm to provide a replacement system for x9GIS and you may hear from GeoComm directly to gather information related to a proposal.

I also apologize for not notifying you sooner. For some reason, Northumberland County was left off the list of customers I received from headquarters.

If you have any questions, please contact me Doug Kesser at 410-280-1083 or dkesser@telecomsys.com.

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

Best regards,

Doug Kesser
Regional Account Manager

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Windows XP support has ended

As of April 8, 2014, support and updates for Windows XP are no longer available. Don't let your PC go unprotected.

What is Windows XP end of support?

Microsoft provided support for Windows XP for the past 12 years. But the time came for us, along with our hardware and software partners, to invest our resources toward supporting more recent technologies so that we can continue to deliver great new experiences. As a result, technical assistance for Windows XP is no longer available, including automatic updates that help protect your PC.

Microsoft has also stopped providing Microsoft Security Essentials for download on Windows XP. If you already have Microsoft Security Essentials installed, you'll continue to receive antimalware signature updates for a limited time. However, please note that Microsoft Security Essentials (or any other antivirus software) will have limited effectiveness on PCs that do not have the latest security updates. This means that PCs running Windows XP will not be secure and will still be at risk for infection.

What happens if I continue to use Windows XP?

If you continue to use Windows XP now that support has ended, your computer will still work but it might become more vulnerable to security risks and viruses.

Internet Explorer 8 is also no longer supported, so if your Windows XP PC is connected to the Internet and you use Internet Explorer 8 to surf the web, you might be exposing your PC to additional threats. Also, as more software and hardware manufacturers continue to optimize for more recent versions of Windows, you can expect to encounter more apps and devices that do not work with Windows XP.

What does it mean if my version of Windows is no longer supported?

Which version of Windows am I running?

How do I stay protected?

To stay protected now that support has ended, you have two options:

Upgrade your current PC

Very few older computers are able to run Windows 10, which is the latest version of Windows. We recommend that you check out the [Windows 10 specifications page](#) to find out if your PC meets the system requirements for Windows 10. For more detailed information, read the [FAQ](#).

Get a new PC

If your current PC can't run Windows 10, it might be time to consider shopping for a new one. Be sure to explore our great selection of new PCs. They're more powerful, lightweight, and stylish than ever before—and with an average price that's considerably less expensive than the average PC was 12 years ago.

Find your perfect PC

Move your files, folders, and more—for free

Microsoft has partnered with Laplink to bring you PCmover Express—a tool for transferring selected files, folders, and more from your old Windows PC to your new Windows 8.1 or Windows 10 PC.

And for a limited time, you can download PCmover Express for free.

[Get started](#)

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Keep your business protected now that Windows XP support has ended.

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[Support has ended for Office 2003](#)

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