

FY14

PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division



FY14 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 FY14 PSAP Grant Application Cycle starts July 1, 2012 and concludes on October 31, 2012 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.



FY14 PSAP GRANT APPLICATION

PROJECT TITLE

Lunenburg Network Upgrade

GRANT APPLICANT PROFILE/PROJECT CONTACT

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

CONTACT TITLE: Major

CONTACT FIRST NAME: Donald

CONTACT LAST NAME: Penland

ADDRESS 1: 160 Courthouse Square

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

CITY: Lunenburg

ZIP CODE: 23952

CONTACT EMAIL: djpenland@lunenburgva.net

CONTACT PHONE NUMBER: (434)696-4452

CONTACT MOBILE NUMBER: (434)298-8308

CONTACT FAX NUMBER: (434)696-2531

REGIONAL COORDINATOR: Stefanie McGuffin

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

County of Lunenburg

Town of Victoria

Town of Kenbridge

GRANT TYPE

Individual PSAP

Regional Initiative

Consolidation

Secondary Consolidation



GRANT PROGRAM TYPE

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Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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

All network switches and wiring were placed into service in 2005

PROJECT FOCUS NETWORK

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

FINANCIAL DATA

Amount Requested: \$ \$49,927.21

Total Project Cost: \$ \$49,927.21



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 Lunenburg Network Upgrade project relates to back office equipment located at the Primary PSAP, the Lunenburg County Sheriff's Office. After completing our CPE project it has been noted by the vendors that our current network infrastructure has reached its capacity and needs to be upgraded to managed network switches, upgraded wiring, and upgraded wiring racks to replace the current "nightmare" of wiring found in the equipment room. Our dispatch center has grown to having five twenty four port switches, all at capacity. Port and switch failures have begun to occur with one switch already needing replacement. This equipment is vital to our operations and any failures could cause failures with multiple systems. These switches and wiring are the backbone for our Computer Aided Dispatch System, Mapping system, and the new Patriot system just placed into service.

Lunenburg County has been affected as many other counties have with state and local budget cuts. Because of these cuts, important upgrades to aging equipment would not be possible by the county alone without the support of the Wireless Boards Grant Program. Without the support of these grant funds, the Lunenburg Network Upgrade Project would be impossible to fully fund in the foreseeable future. The total estimated cost of this project is \$49,927.31.



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

The new managed network switches will be covered through the manufacturer’s warranty through the first year of their service life. Also covered in this project will be a maintenance agreement with the vendor to cover all work and equipment for five years.

[Click here to enter text](#)

COMPREHENSIVE PROJECT DESCRIPTION

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 replace the five outdated 24 port switches with eight managed network switches, upgrades present wiring racks and wiring with new more manageable wiring racks and organized wire runs. The primary goal and strategy of the project is to replace the outdated network equipment and wiring. This equipment is vital to the safety of the citizens we serve.



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 type="checkbox"/> INITIATION (Project approved by appropriate stakeholders)	12 / 14 / 12
<input type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed)	12 / 14 / 12
<input type="checkbox"/> ACQUISITION (Selected system or solution is procured)	08 / 31 / 13
<input type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	9 / 30 / 13
<input type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production)	9 / 30 / 13

Identify the longevity or sustainability of the project.

This equipment will ensure that our PSAP is using the most up to date equipment available to our PSAP and has the ability to be functional with the next generation of 911 equipment that will support the longevity of this project. Vendor maintenance will ensure the sustainability of the project.



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

This project supports the of the Virginia Statewide E-911 Strategic Comprehensive Plan by allowing our 911 center to operate at our optimum level of wireless 911 service and will allow our dispatch center to keep up with rapidly changing 911 technologies. Upgrades to the backbone of our 911 equipment are vital to ensuring reliable responses to emergencies occurring in our jurisdiction.

REGIONAL INITIATIVE (if applicable)

The relationship of the initiative 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 initiative impacts the operational or strategic plans of the participating agencies:

Click here to enter text

CONSOLIDATION (Primary or Secondary) - (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



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:

Please see attached quote from vendor

Quote includes new wire ladder rack, eight netgear managed network switches with stacking kits and next business day support for 5 years, and cable runs, setup, and testing of equipment.

EVALUATION

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

The project will be measured for achievement and success after all equipment is replaced with the new networking equipment. The project manager will insure all aspects of the project have been completed by the vendor and fully operational through thorough testing after installation. All of these activities will follow a timeline and will be completed in a timely manner.



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"



DataCare
 1600 Main Street
 Victoria, VA 23974
 (434)696-3519

Estimate

Date	Estimate #
10/29/2012	1053
Exp. Date	

Address
Lunenburg County Sheriff's office 160 Courthouse Square Lunenburg, Va 23952

Description	Quantity	Rate	Amount
• Rack Ladder with wire management system	1	499.97	499.97
• NETGEAR ProSafe GSM7328S-200NAS Managed 10/100/1000Mbps + 10 Gigabit Gigabit L3 Managed Stackable Switch with 4 10-Gigabit Ethernet Module Bays	8	2,399.97	19,199.76
• NETGEAR AX742 Prosafe 24 Gigabit Stacking Kit	8	409.99	3,279.92
• NETGEAR FS726TP Prosafe Smart Switch With 2 Gigabit Ports And 12 Port PoE 2 SFP slots 8K MAC Address Table 256KB Buffer	1	299.97	299.97
• Netgear ProSupport NBD Category 4 5 Year Coverage on GSM7328S & AX742 units	8	1,642.23	13,137.84
• CyberPower CPS-1220RM 12 Outlets Power Strip 110Vac / 120Vac Input Voltage 15 Feet Cord Length	2	59.99	119.98
• 24 Port Cat6 Patch Panel	4	59.99	239.96
• 1000Ft Cat6 Utp 550Mhz Cmr 23Awg Bc; Pvc; Blu; Box	3	189.97	569.91
• Install rack ladder and wire management system. Install switches. Configure Prosafe Switch Stack Install all supported supported cabling. Remove old patch panells and cabling. Install temporary cabling loops to prevent interruptions while performing patch panel work. Install new patch panels to 4 primary racks and cabling from each o those to wiring rack. Remove temporary cabling loops.	1	12,580.00	12,580.00
	1	0.00	0.00
Please contact me if you have any questoins.		SubTotal	\$49,927.31
		Tax (5%)	\$0.00
		Total	\$49,927.31

Accepted By _____

Accepted Date _____