



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

Regions IV & VI Shared Text to 9-1-1 Implementation

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Tazewell County 911

CONTACT TITLE: Director of 911 & Emergency Communications

CONTACT FIRST NAME: Derrick

CONTACT LAST NAME: Ruble

ADDRESS 1: 315 School Street

ADDRESS 2: Suite 9

CITY: Tazewell

ZIP CODE: 24651

CONTACT EMAIL: derrick.ruble@tcsova.org

CONTACT PHONE NUMBER: 276-385-1727

CONTACT MOBILE NUMBER: 276-979-6147

CONTACT FAX NUMBER: 276-988-5012

REGIONAL COORDINATOR: Tim Addington

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Tazewell County 911	Buchanan County 911
Dickenson County 911	Lee County 911
Norton City 911	Pulaski County 911
Scott County 911	Wise County 911
Radford City 911	Giles County 911
Martinsville-Henry County 911	New River Valley 911 Authority

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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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

PRIORITY/PROJECT FOCUS TEXT-TO-911

If "Other" selected, please specify: 2T

FINANCIAL DATA

Amount Requested: \$464,000

Total Project Cost: \$464,000

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:

Over 70% of 911 calls received by PSAPs are received by wireless devices. It has increasingly been apparent that individuals have been able to text when they are not able to obtain enough signal to place a voice call. Additionally, the deaf and hard of hearing community are mobile and many have wireless devices in which they text with routinely. Incidents in which callers may not be able to speak but can text 9-1-1 such as domestic violence, kidnapping, school violence etc., could summons help.



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

In accordance with the Text to 9-1-1 subcommittee recommendations this project is a onetime purchase for the installation and subsequent recurring costs. Maintenance costs for 5 years have been included with this proposal.

COMPREHENSIVE PROJECT DESCRIPTION

Identify the longevity or sustainability of the project.

Project will further promote regionalism and share services within the region and adjoining region. This phase of the project will allow for other jurisdictions to participate in the future as text to 9-1-1 becomes more prevalent. Lessons learned from the deployment and subsequent training will increase the benefits and continuity of the project. Text to 9-1-1 will become a normal operating procedure just as wireless 9-1-1 has become in the past 10 years.

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

The project meets the following goals of the 9-1-1 Comprehensive Plan (July 2015):

GOAL 1: FORMALIZE BASELINE LEVELS OF SERVICE AND CAPABILITIES THAT MEET PUBLIC EXPECTATIONS

Emerging technology such as the NPSBN, NG9-1-1, Text-to-9-1-1, and CAD-to-CAD are opening floodgates for new sources of information to flow into PSAPs.

GOAL 3: ALLOCATE FUNDING FOR FUTURE STATE AND REGIONAL PSAP INITIATIVES TO MAINTAIN AND IMPROVE SERVICE

This project is a regional project that will benefit not only the individual PSAP but maximize efficiencies and set the stage for future projects for NG9-1-1.



SHARED SERVICES (if applicable)

The relationship of the project to the participating PSAPs:

A majority of the participating agencies are contiguous to each other and those that are not are in close proximity in Southwest Virginia. A MOU has been signed by all 12 of the participants to maximize efficiencies in deployment. Additionally this project will employ a single aggregator solution. A majority of the participants and the ones that will be submitting for individual text to 9-1-1 deployments will be working toward a common operating system and subsequent training.

Intended collaborative efforts:

This project with the same aggregator will allow for the ability to accept text to 9-1-1 calls within a majority of Southwest Virginia. In the future other jurisdictions that do not participate can benefit from the lessons learned. Tips and tricks sessions can be incorporated in future regional or sub-regional meetings. Continued resource knowledge sharing, training, and public education will maximize the efforts that the ISP has put forth in preparing the text to 9-1-1 webinars.

Resource sharing:

The proposed project will procure a single solution in which text to 9-1-1 calls may be processed in a similar manner. The possibility of being able to transfer text to 9-1-1 calls across traditional boundaries and poising the jurisdictions for future resource sharing.

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

The project allows for the PSAPs to be able to process calls in which they have not been able to in the past. It fits into the long range strategic plans of governing agencies and organizations by adapting to the trends of the future (Text to 9-1-1) while maintaining the capabilities of the current 9-1-1 system.



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 will include collaboration of the participating PSAPs of this grant application and any individual Text to 9-1-1 applications. Process planning meeting following the suggested E9-1-1 Services Board's Text to 9-1-1 whitepaper as a guide. A collective procurement and implementation plan will be developed. This will include phased approaches over the 24 month cycle of the grant. Targeted deployments will include jurisdiction with CHE ready to accept Text to 9-1-1 then deployments will coincide with CHE replacements as they occur. The two vendors for the products involved VESTA and VIPER will be intricately involved along with their channels for the successful deployment.



**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	09 / 30 / 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	12 / 31 / 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	02 / 01 / 17
<input type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed) Sample activities: purchased components are delivered and installed and training is performed	01 / 31 / 18
<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"	03 / 31 / 18



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.

With current CHE in place and anticipated replacements of CHE over the next 24 months our best estimate budget for being able to implement and maintain Text to 9-1-1 by a single aggregator for 12 jurisdictions will be \$464,000.

The cost is approximately \$20K per PSAP for 5 year's service.

PSAPs which require engineering and firewall upgrades range from \$20K-\$35K.

This cost of the project may come under budget as technologies and integrating improve. Also, the possibility of economies may be afforded to the project upon procurement. CHE project upgrades that coincide with deployment may also be cost advantageous.

EVALUATION

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

All of the stakeholders will establish common milestones and goals to evaluate the progress achieved and the overall success of the project. The project will be monitored throughout the process with periodic meetings between the stakeholders and the vendor(s). Final testing and completion will be based on manufacture and stakeholders specifications and goals.



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

Memorandum of Understanding

The PSAPs listed below hereby wish to participate in the multi-jurisdictional PSAP Shared Services Grant. Tazewell County will be the "host" for this grant and will be the fiscal agent.

Each individual PSAP is eligible to participate in a maximum of \$175,000 per PSAP for all Shared Services Projects. Each PSAP below has agreed to participate in a Multi-jurisdictional application for a Shared Services project – Text to 9-1-1.

The undersigned below authorizes VITA to transfer the Shared Services Grant funds, if approved, to the identified fiscal agent upon draw down request for the FY17 Shared Services Program grant.

Jurisdiction	Printed Name	Signature	Date	Amount
Bland County				
Bristol City				
Buchanan County	Rock Bailey	<i>Rock Bailey</i>	9-10-2015	
Dickenson County	Max Stemp	<i>Max Stemp</i>	2015/09/24	
Giles County	John Davis	<i>John D</i>	9/23/15	
Lee County	Alan Bailey	<i>Alan P. Bailey</i>	9-22-2015	
Norton City	Jeffery Shupe	<i>Jeffery Shupe</i>	09/17/2015	
Pulaski County	Christopher Aiken	<i>Chris Aiken</i>	09/09/2015	TSD
Russell County				
Scott County	JANICE L JENNINGS	<i>Janice L Jennings</i>	09/09/2015	
Smyth County				
Tazewell County	Derrick S. Rible	<i>Derrick S. Rible</i>	09/09/2015	
Twin County				
Washington County				
Wise County	Jessica Swinney	<i>Jessica Swinney</i>	9-17-15	
Wythe County				
City of Radford	Jennifer White	<i>Jennifer White</i>	9/9/2015	

Memorandum of Understanding
Page 2
Shared Services Project- Text to 9-1-1

Jurisdiction	Printed Name	Signature	Date	Amount
Radford City	Jennifer Whitas		9/9/2015	
New River Valley	Donna Brown		9/29/2015	
Floyd County				
Franklin County				
Martinsville-Henry County	J.R. Pinner		9/16/2015	
Patrick County				
Craig County				