



FY17

# PSAP GRANT PROGRAM APPLICATION





## 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

Computer Aided Dispatch software replacement

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Rockbridge Regional ECC

CONTACT TITLE: Director

CONTACT FIRST NAME: Robert

CONTACT LAST NAME: Bedell

ADDRESS 1: 306 Park Ave.

ADDRESS 2: Suite A

CITY: Buena Vista, Virginia

ZIP CODE: 24416

CONTACT EMAIL: sbedell@lexingtonva.gov

CONTACT PHONE NUMBER: 540-261-9300

CONTACT MOBILE NUMBER: 540-784-0577

CONTACT FAX NUMBER: 540-261-9303

REGIONAL COORDINATOR: Stefanie McGuffin

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Rockbridge County

Virginia Military Institute P.D.

Lexington City

Buena Vista City

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### 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- Technically Outdated\*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**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**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: 5.4.1

# YEARS of HARDWARE/SOFTWARE: 2

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**PRIORITY/PROJECT FOCUS** CAD

**If "Other" selected, please specify:** 2T

## FINANCIAL DATA

Amount Requested: \$ 150,000

Total Project Cost: \$ 300,000

## STATEMENT OF NEED

The current CAD being used by the Rockbridge Regional ECC is in no way capable of being NG911 ready nor can it be made that way by any "add on" module or update. The CAD program itself is not up to date with even the most basic functions and the maintenance for this CAD program has dropped to subsistence level with no further development planned. Our CAD does not meet current standards, cannot transition to "Text to 911," and is operationally at an unacceptable level. The CAD has routine problems with disconnection or disruption of auxiliary programs (mobile, paging, AVL, 911 call mapping) and has had numerous unexpected complete shutdowns. Grant funding will not cover the entire cost of the project but will assist the financially strained area jurisdictions generate the needed funding to upgrade the CAD. The grant funds will allow the project to move forward with the remaining funds being provided by



Without funding assistance there is no possibility of generating the required funds to make the upgrade happen. Grant funding will make the move towards the NG911 standards possible. The effect of a CAD change on the operational abilities of the Rockbridge ECC will be immediate as the dispatchers will not need to perform various “work arounds” that have replaced basic automatic functioning and they will have information immediately at hand or displayed, unlike the current CAD. The current CAD has inherent limitations that prevent the ECC from efficiently interoperating with neighboring jurisdictions. The goal for the Rockbridge ECC, as agreed upon by the multiple jurisdictions involved, is to have one CAD system that allows all the jurisdictions to share information. If we are not able to upgrade, our local and regional goals are unattainable. Our current CAD routinely limits the effectiveness of the ECC and the agencies

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

The grant will be handled by the applicant agency (Rockbridge Regional ECC) through the implementation of the project to closing of the grant. Once implementation, testing, and final acceptance are complete the grant will be closed with no future grant funding necessary. The recurring annual maintenance costs for the CAD system will be budgeted by the Rockbridge Regional ECC through budget allocation from the member agencies. The budget allocation, from the member agencies, will be possible in part due to the grant funding satisfying a significant portion of the principal project cost. The maintenance costs are only a fraction of the initial project cost and will be able to be planned for and budgeted by the local jurisdictions during their annual budget cycles. Grant closure would take place within the one year grant cycle.

## **COMPREHENSIVE PROJECT DESCRIPTION**



Identify the longevity or sustainability of the project.

The life span of this CAD replacement project may be 10-15 years or more. The project will be sustained by vendor upgrades and support, paid for by the local governmental agencies. After initial costs of the project have been paid the recurring costs will be annual maintenance costs. Daily maintenance and first line trouble shooting will be completed by on staff IT personnel with vendor support sought as needed.

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

The CAD replacement project for the Rockbridge Regional ECC directly supports several of the goals stated in the VITA 911 Plan. Specifically, the need to improve communications, target implementation of new technology, improve interoperability, and “foster collaboration.” This project will improve the 911 Center’s ability to communicate quickly and efficiently, will enable the center to integrate new technology such as “Text to 911,” not only improve but make possible the ability to interoperate with neighboring PSAP (provide emergency backup), and will allow a centralized and unified operating system for numerous local agencies. The local jurisdictions objectives mirror those of the State and the Comprehensive Plan. This project will accelerate our progress towards those goals and lay the needed foundation to make future implementations (Text to 911) possible. The Dapro CAD currently in use is not only outdated but directly inhibits any effort to move forward as a regional effort.

### **SHARED SERVICES (if applicable)**



The relationship of the project to the participating PSAPs:

2T

Intended collaborative efforts:

The collaborative effort envisioned with this project involves only the Rockbridge Regional ECC as the defined PSAP but will involve the collaboration of 3 separate governmental jurisdictions attempting to unify systems that have been, up to this point, separate. By unifying and standardizing the operating system the agencies and the dispatchers will have ready access to a larger information base which will increase efficiency for both the ECC and the field user.

Resource sharing:

2T



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

2T

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

2T

**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
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<input type="checkbox"/> <b>INITIATION</b> (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	<b>07 / 01 / 16</b>
<input type="checkbox"/> <b>DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)  Sample activities: requirements are documented, components to be purchased are identified, and general design is documented	<b>07 / 15 / 16</b>
<input type="checkbox"/> <b>ACQUISITION</b> (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	<b>07 / 30 / 16</b>
<input type="checkbox"/> <b>IMPLEMENTATION</b> (Selected system or solution is configured and installed)  Sample activities: purchased components are delivered and installed and training is performed	<b>10 / 15 / 16</b>
<input type="checkbox"/> <b>TESTING/COMPLETION</b> (Selected system or solution is tested and put in production)  Sample activities: performance of system/solution is validated and system/solution goes "live"	<b>12 / 30 / 16</b>



## 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.

Attached is a budgetary quote for one of the CAD vendors being considered for the CAD replacement project at the Rockbridge Regional ECC. The quote provided is given as a general indication of the project cost and also to indicate that the project will still require a significant outlay from the local jurisdictions. The total end project cost will likely exceed the quote as needed interfaces and “modules” are identified and defined in the proposed system. The project cost will vary depending on which vendor is selected. All anticipated quotes for CAD will exceed the \$150,000 grant funding total.

## EVALUATION

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

After implementation the project will be evaluated for success by its ability to consistently perform daily/routine/required functions. The system will be tested during maintenance and installation of updates to confirm functioning. The system’s ability to document calls, produce reports and call sheets, and efficiently provide information to associated systems will indicate its success.



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

How would a consolidation take place and provide improved service:

Not Applicable.

How should it be organized and staffed:

Not Applicable.

What services should it perform:

Not Applicable.



How should policies be made and changed:

Not Applicable.

How should it be funded:

Not Applicable.

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

Not Applicable.



**SOUTHERN SOFTWARE, INC.**  
an employee-owned company

**Rockbridge ECC, VA**  
**Proposals**

May 14, 2015

Total CAD	\$167,505.00
Total RMS	\$42,081.00
Total Mobile Data Information System (MDIS)	\$69,750.00
<b>TOTAL</b>	<b>\$279,336.00</b>

***Contact information for Public Safety Representative:***

**Steve Libera**  
**Southern Software**  
**150 Perry Drive**  
**Southern Pines, NC 28387**

**Business: 800.842.8190**  
**Mobile: 828.291.9147**  
**Fax: 910.695.0251**  
**E-Mail: [slibera@southernsoftware.com](mailto:slibera@southernsoftware.com)**



**Agency: Rockbridge ECC, VA**  
**Contact: Scott Bedell**  
**Date: 5/14/2015**

<b>CAD SOFTWARE</b>		<b>Qty</b>	
CAD - Full Positions		4	
CAD - Additional Admin Positions		2	
CAD and MDS - For EOC		1	FREE
CAD Reporting Station		3	
Preliminary CAD Build		1	
Wireless Messaging (CAD Paging) with 5 Additional Connectors		1	
Mapping Display System (MDS)		4	
Mapping Display System (MDS) - Admin Positions		2	
Evaluation of GIS/911 Centerline Base Map		1	
CAD interface for NCIC		1	
<b>Total Software:</b>			<b>\$128,740.00</b>

<b>PROJECT MANAGEMENT</b>	
<b>Project Management Fee</b> - including Installation, Training and Project Management	
<b>Total Project Management: \$22,315.00</b>	

<b>YEARLY SUPPORT</b>		
CAD	24/7 SUPPORT	1
Mapping Display System (MDS)	24/7 SUPPORT	1
CAD Wireless Messaging	24/7 SUPPORT	1
CAD Interface for NCIC	24/7 SUPPORT	1
<b>Total Support:</b>		<b>\$16,450.00</b>

<b>TOTAL INVESTMENT (STATE TAX AND SHIPPING NOT INCLUDED)</b>		<b>\$167,505.00</b>
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**NOTE: MICROSOFT® SQL SERVER 2008™ R2 IS REQUIRED.**

**NOTE: PROPOSAL DOES NOT INCLUDE PROVISIONS FOR DATA CONVERSION, DATA IMPORT, OR FIELD MAPPING (WITH EXCEPTION OF INITIAL BUILD WHICH INCLUDES MSAG, ESN, INTERSECTIONS AND ADDRESSES THAT ARE PROVIDED TO US IN NENA STANDARD FORMAT AS APPLICABLE. NOTE: DISPATCH ZONES AND LANDMARKS WILL BE VIEWED ON A CASE BY CASE BASIS DEPENDING ON THEIR FORMAT.)**

Proposal of software is valid for (60) days from date of proposal.

Proposal of hardware is valid for (30) days from date of proposal.

Software includes (30) days of free support, including all updates.

Management fees include training, installation, and project management.

Southern Software will install its software products only on computer configurations compatible with these products. Hardware specifications are available upon request.



SOUTHERN SOFTWARE, INC.  
an employee-owned company

**Agency:** Rockbridge ECC, VA  
**Contact:** Scott Bedell  
**Date:** 5/14/2015

RECORDS MANAGEMENT SYSTEM (RMS) FOR SHERIFF'S OFFICES		Qty
<b>RMS Base with 1 License</b>	SHERIFF RECORDS MANAGEMENT SOFTWARE INCLUDES: INCIDENT, ARREST AND CITATION REPORTING IN ACCORDANCE WITH STATE SPECIFICATIONS.	1
<b>RMS Additional Licenses</b>	ADDITIONAL RMS LICENSE(S) <i>(CONCURRENT LICENSING - FOR WORKSTATIONS OR LAPTOPS ON NETWORK EITHER HARDWIRED OR THROUGH VPN CONNECTION)</i>	6
<b>Bar Coding Equipment</b>	BARCODE PRINTER, LASER SCANNER, CASE OF BAR CODE LABELS, CASE OF BARCODE THERMAL TRANSFER RIBBON, PRINTER CABLE.	1
<b>HandHeld Unit for Evidence</b>	DOLPHIN 6100 HANDHELD UNIT FOR INVENTORY/EVIDENCE WITH CONNECTION CABLE	1
<b>Signature Pad</b>	TOPAZ SIGNATURE GEM 1X5	1
<b>* Data Sharing Network</b>	DATA SHARING NETWORK <i>(WEB BASED)</i>	FREE
<b>Total Software:</b>		<b>\$27,820.00</b>

### PROJECT MANAGEMENT

<b>Project Management Fee</b>	INSTALLATION, TRAINING AND A PROJECT MANAGER.  TRAINING INCLUDES 1 SESSION OF SETUP & MAINTENANCE TRAINING (UP TO 5 PEOPLE) AND 1 SESSION OF USER TRAINING (UP TO 10 PEOPLE PER SESSION). IF ADDITIONAL SESSIONS OF TRAINING ARE REQUIRED PLEASE REQUEST AN UPDATED PROPOSAL.	
<b>Total Project Management:</b>		<b>\$8,661.00</b>

### YEARLY SUPPORT

<b>RMS Support</b>	8:30-5, M-F RMS ANNUAL SUPPORT FEE COVERS TELEPHONE AND MODEM SUPPORT. THIS INCLUDES REGULAR PROGRAM UPDATES.	1 YEAR
<b>Additional Licenses</b>	SUPPORT FOR ADDITIONAL RMS LICENSE(S)	1 YEAR
<b>Total Support:</b>		<b>\$5,600.00</b>

### TOTAL INVESTMENT (STATE TAX AND SHIPPING NOT INCLUDED) **\$42,081.00**

**NOTE: MICROSOFT® SQL SERVER 2008™ R2 IS REQUIRED.**

**NOTE: PROPOSAL DOES NOT INCLUDE PROVISIONS FOR DATA CONVERSION, DATA IMPORT, OR FIELD MAPPING**

**Proposal of software is valid for (60) days from date of proposal.**

**Proposal of hardware is valid for (30) days from date of proposal.**

**Southern Software's RMS includes (30) days of free support, including all updates.**

**Management fees include training, installation, and project management.**

**Southern Software will install its software products only on computer configurations compatible with these products. Hardware specifications are available upon request.**



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**Agency:** Rockbridge ECC, VA

**Contact:** Scott Bedell

**Date:** 5/14/2015

<b>MOBILE DATA INFORMATION SYSTEM (MDIS)</b>		<b>Qty</b>	
<b>MDIS Server Software</b>		1	
<b>MDIS Interface for NCIC</b>		1	
<b>MDIS License</b> <i>(Concurrent Licenses; Assumes 46 Installed)</i>		20	
<b>MDIS License (in house)</b>	<i>Concurrent</i>	1	FREE
<b>GPS Units for AVL</b>		46	
		<b>Total Software:</b>	<b>\$50,450.00</b>

**PROJECT MANAGEMENT**

**Project Management Fee** - including Installation, Training and Project Management

**Total Project Management: \$10,200.00**

**YEARLY SUPPORT**

<b>MDIS Support</b>	<i>24/7</i>	<b>1</b>	
		<b>YEAR</b>	
<b>MDIS Interface for NCIC Support</b>	<i>24/7</i>	<b>1</b>	
		<b>YEAR</b>	
		<b>Total Support:</b>	<b>\$9,100.00</b>

**TOTAL INVESTMENT (STATE TAX AND SHIPPING NOT INCLUDED) \$69,750.00**

SQL Server 2008 R2 and a backup system will be required.

Wireless modems ("Air Cards") are required for each mobile unit (providers include Southern Linc, Sprint, Nextel, Verizon, Alltel, US Cellular, etc.). Wireless service plans are required for each wireless modem and are provided by Agency. ( \$35-75/month/user typical)

Cisco ASA 5505 Router may be required the State. (Approximate cost - \$ 500 - to be provided and configured by the Agency)

A VPN Router in addition to the Cisco ASA 5505 Router is required to secure access to the mobile units if RMS is being run in addition to MDIS (NetMotion preferred). (All connections and fees to Agency LAN including hardware provided by Agency. 100MB Ethernet LAN Required.)

Agency must configure all networking for mobile and CAD workstations to ping servers before installation begins. Use a static IP for private address.

Secure High Speed Internet Access (VPN, Remote Desktop, etc) to servers for support provided by Agency.

All connections and fees to State NCIC including hardware provided by Agency. TCP/IP Interface Required.

Hardware Specifications are located at [www.southernsoftware.com](http://www.southernsoftware.com)  
 Proposal of software is valid for (60) days from date of proposal.  
 Proposal of hardware is valid for (30) days from date of proposal.  
 Management fees include training, installation, and project management.