

FY12

PSAP GRANT PROGRAM APPLICATION



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HOW TO APPLY/DEADLINE

The grant application will be available and accessible from VITA's Integrated Services Program's website (<http://www.vita.virginia.gov/isp/>). 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.

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. In addition to the grant application reference manual, technical assistance is available from VITA's Public Safety Communications (PSC) staff throughout the grant process. The FY12 PSAP Grant Application Cycle deadline is December 22, 2010 at 11:59 pm.



FY12 PSAP GRANT APPLICATION

PROJECT TITLE

Suffolk Police Voice Logging Recorder Replacement

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: City of Suffolk Police

CONTACT TITLE: Sergeant

CONTACT FIRST NAME: Sandra

CONTACT LAST NAME: Springle

ADDRESS 1: 120 Henley Place

ADDRESS 2:

CITY: Suffolk, Virginia

ZIP CODE: 23434

CONTACT EMAIL: Sspringle@suffolkva.us

CONTACT PHONE NUMBER: 757-514-7927

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

CONTACT FAX NUMBER: 757-514-4225

REGIONAL COORDINATOR: Lyle Hornbaker

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

GRANT TYPE

Individual PSAP

Regional Initiative



Consolidation

Secondary Consolidation

GRANT PROGRAM TYPE

Wireless E-911 PSAP Education Program

Continuity and Consolidation

Enhancement

TIER

Out of Service

Non-Vendor Supported

Technically Outdated

Strengthen

Not Applicable

PROJECT FOCUS Voice Logging

If "Other" selected, please specify:

FINANCIAL DATA

Amount Requested: \$128,208

Total Project Cost: \$128,208



STATEMENT OF NEED:

The Suffolk Police Department's Communication Center serves the 83,000 citizens of Suffolk by dispatching Fire, Paramedical, and Police services when called. In 2009, the Communication Center handled over 130,000 calls for service. Most of these calls, are received, dispatched and cleared with no thought of needing a permanent record. However, when a recording is needed, it is usually vital to the organization. Life or death circumstances, civil litigation, and criminal apprehension are a few of the important reasons to record all transmissions that come into a communication center. The current logging recorder being utilized by the Communication Center is entering into the end of its service life. The Suffolk Police Department requested funds to replace this system in the FY 2011 PSAP Grant. For reasons well known, this funding did not occur. As stated in the FY2011 grant, the current Pyxis system was installed in 2004 and several deficiencies were observed. The motherboard has been discontinued by the manufacturer and other parts of the system are in limited supply. This is an analog system and is not P-25 compliant or Next Generation compatible. There have been instances where the recorder has not functioned properly and messages have not been retrievable. The current system does not time stamp recordings. Since the FY 11 request, the vendor has offered the following comments in a letter dated March 26, 2010:

"Under limited support, you will continue to be able to access the support center for general support questions, and be given access to any existing hot fixes or service packs, but our development team will no longer diagnose issues or create new software patches to rectify any new issues encountered should the need arise with your Audiolog 3.2 or 3.3 product." This is in essence a statement of non-support and in the communication's environment, is unacceptable and requires the Department to update its system.

The Department anticipates constructing a new communications center in the next 5 years. This piece of equipment will be an integral part of that new system and will work with Orion, the regional interoperability communications system. The logging system is a part of the overall communications responsibility and the maintenance will be sustained through the annual budget process.

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

The Suffolk Police Department's Communication Center is committed to providing the best service to the citizens it serves. Every year, sufficient budget is allocated for the operation of the center. Licensing and maintenance costs are part of this operating cost. The proposed vendor (Motorola) has an extensive history of being the leader in the communication's field. The actual logging recorder, NICE Inform is recommended by Motorola.



COMPREHENSIVE PROJECT DESCRIPTION

FOR WIRELESS E-911 PSAP EDUCATION PROGRAM GRANT REQUESTS:

Describe how the education/training is 9-1-1/public safety communications specific and how this will benefit E-911 and the employee(s) and/or PSAP.

N/A



FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:

Goal: Improve the efficiency and accuracy of the PSAP by upgrading the logging recorder from analog to digital.

Objective: By November 1, 2011, sole source purchase of a new logging system.

Implementation Strategy: Conduct an assessment of products on the market. Prepare sole source documents and work with the vendor to establish installation and training protocol.

Objective: By January 15, 2012, have the logging recorder installed and all members trained in its operation.

Implementation Strategy: Coordinate installation and training with vendor.

Objective: By April 1, 2012, conduct evaluation on product and prepare for grant closeout.

Implementation Strategy: Survey the users of the logging recorder and document satisfaction levels. Address any concerns with vendor.

Implementation Strategy: Prepare documents for grant closeout.



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 checked="" type="checkbox"/> INITIATION (Project approved by appropriate stakeholders)	08 / 01 / 11
<input checked="" type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed)	10 / 01 / 11
<input checked="" type="checkbox"/> ACQUISITION (Selected system or solution is procured)	11 / 01 / 11
<input checked="" type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	01 / 15 / 12
<input checked="" type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production)	03 / 15 / 12

Identify the longevity or sustainability of the project.

The Suffolk Police Department is committed to utilizing best practices in the Communication Center. A logging recorder is an example of those best practices. A logging recorder is an essential tool and is necessary to document communication center, police and fire activity. The Department is in the initial planning stages to build a new Communication Center. The logging recorder requested will be an integral part of this new center. All consideration will be given to ensuring that this equipment is compatible. The Department seeks and receives funds every year to budget for operating costs of the Communication Center. As technology changes are fluid it is impossible to state longevity of the product, however past experience tells us this should last from 8 to 10 years.



Describe how this project supports the Virginia Statewide E-911 Strategic Comprehensive Plan.

A logging recorder in a PSAP is a basic piece of equipment and is one of the best practices alluded to in the Comprehensive Plan. It also addresses statewide standards that will be captured in the Comprehensive Plan. An IP based logging recorder is a move toward the Next Gen communication systems which calls for IP systems. This equipment can be viewed from anywhere there are internet capabilities. The system requested is consistent with other local logging recorders and is utilized by the Virginia State Police as well as surrounding agencies. This fosters interoperability. The logging recorder is used in the Orion system in which Suffolk is a part of.

REGIONAL INITIATIVE (if applicable)

The relationship of the initiative to the participating PSAPs:

N/A

Intended collaborative efforts:

The logging recorder is consistent with other logging recorders being used across the state and is an IP based program. This means information will be able to be transferred across the state as needed. For example: If a crime were occurring across the region (like bomb threats), the evidence- phone calls- could be centrally collected and analyzed in the same format. The recording of an initial phone or police radio traffic could go a long way in jurisdictions working together to solve crimes or reduce litigation.

Resource sharing: N/A

How does the initiative impacts the operational or strategic plans of the participating agencies:

N/A

CONSOLIDATION (Primary or Secondary) - (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



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:

Vendor Prepared Quote is attached file.

64 Channel Logger- bundled- This piece of equipment is the backbone of the logging recorder. It will house and store over 53,000 hours of communication. It includes dual DVD drives, monitor, supervisor and administrator licenses and server. The last message recorded- allows dispatchers to playback immediately.

\$57,673

Nice Log Options- RAID-5 Resiliency- multiple hard drives to prevent lost data (over 34,000 hours). External Trigger detection- activates recording with squelch or other external noise.

\$10,055

CastleRock Management Application- Alarm system will alert administrator in the event of a partial or full system failure.

\$ 2,400

Inform LITE Bundle- Reconstruction concurrent user license- enables user to put together several different sources to create on file (e.g., voice, dispatch screen capture), Monitor concurrent user license- monitor live communication from remote locations (IP). Inform user training, user manuals.

\$16,894

Additional Reconstruction Concurrent Users Licenses- Allow a total of 4 users to access the system at the same time.

\$ 7,926

Storage Center- Server- 50 NiceLog channels \$ 7,000

PS Services- 5 Unit (days) Vendor estimates 5 days to install equipment.

\$16,365

Maintenance- 1st Year maintenance upgrade (GOLD LITE) provides 24/7 technical (phone) support and weekday on-site support.

\$ 9,895

TOTAL PROJECT COST

\$ 128,208



EVALUATION

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

At the end of the installation and training, the PSAP Manager and the Communication Supervisors will be surveyed as to the effectiveness of the logging recorder. Any issues brought up will be forwarded to the vendor for correction and/or evaluation. At this time all issues will be considered corrected or not correctable.

The Department will maintain a close relationship with the vendor and receive software updates as necessary.



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"



Prepared by: Mick Kauffman
 Motorola Manufacturer Representative
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To: Suffolk Police
 Attn: Sgt. Sandy Springle
 Address:
 Phone:
 Email:

Quotation #: PMVSUF123
 Quotation Date: Dec 8 2010
 Quote Valid Until:
 Install Location Contact: SE: PMAGNEZI

Description: 64 channels logger, Inform application suite, software, service and commercial hardware plus rack. Admin and playback workstation and other items per list will be provided by the customer

NiceLog® Recorder Bundle:									
Motorola Part Number	Description	PRICE	QTY	EXTENDED PRICE					
TT1102	64 channel logger - bundle for public safety	\$57,673	1	\$57,673					
Included in the NiceLog® Recorder Bundle									
Included in bundle	G.729A, 8 Kbps Compression Algorithm								
Included in bundle	Total of 53,600 hours on line storage - No RAID								
Included in bundle	Dual DVD drives								
Included in bundle	Hot-swappable redundant Power Supply								
Included in bundle	NiceLog Media Library package								
Included in bundle	3 x Scenario Replay user licenses								
Included in bundle	5 x LMR - seat (position) licenses								
Included in bundle	3 x NICE Monitor user licenses								
Included in bundle	1 x Supervision user license								
Included in bundle	1 x Administrator user license								
Included in bundle	Microsoft SQL-Server 2000 software + Microsoft SQL Client Access Licenses (CAL)								
Included in bundle	ANI-ALI Annotator								
Included in bundle	Logger activity detection driver								
Included in bundle	NiceCLS Basic Server (SW Only)								
Included in bundle	NiceCLS Server license (per 50 seats)								
Included in bundle	Total recording Software license (per NiceCLS Server)								
Included in bundle	Open-leads cable for up to 24 extensions - 10m long								
Included in bundle	Centronics 50 pins, Male to Male - 5m long								
Included in bundle	Installation During Normal Business Hours								
Included in bundle	User Manuals								
NiceLog®: ADDITIONAL RECORDER OPTIONS									
Motorola Part Number	Description	PRICE	QTY	EXTENDED PRICE					
TBD	Change To Dual DAT 72 Tape Drive for NL	\$0	1	\$0					
DQEXTSQCH	Activity detection by external trigger (squelch) (per 24 inputs)	\$2,000	1	\$2,000					
TT04563AA	600 Ohm impedance on analog inputs (per 24 inputs)	\$100	1	\$100					
TT04559AA	Total of 34000 hours + RAID-5 resiliency	\$6,500	1	\$6,500					
DQG723COMP	G.723.1 Advanced Compression Support	\$1,000	1	\$1,000					
DDN9632A	Logger Sliding Rails	\$455	1	\$455					
FOR ALL LOGGERS: ADDITIONAL SOFTWARE - USER APPLICATIONS									
Motorola Part Number	Description	PRICE	QTY	EXTENDED PRICE					
DDN7532	CastleRock SNMP Management Application	\$2,400	1	\$2,400					
Inform™ LITE BUNDLE									
Motorola Part Number	Description	PRICE	QTY	EXTENDED PRICE					
TBD	NICE Inform® Lite Bundle for One Logger	\$16,894	1	\$16,894					
Included in the Inform® Public Safety Bundle									
Included in bundle	Inform® Server Module License								
Included in bundle	1 x NICE Inform Reconstruction concurrent user licenses								
Included in bundle	1 x NICE Inform Monitor concurrent user license								
Included in bundle	MS SQL CAL Licenses								
Included in bundle	License To Access Single Logger/Database								
Included in bundle	Installation In Association With Logger Installation								
Included in bundle	Inform® User Training - 1 Day for up to 4 Participants - Incl. System Admin, Reconstruction and Monitor								
Included in bundle	User Manuals								
Inform® LITE OPTIONS									
Motorola Part Number	Description	PRICE	QTY	EXTENDED PRICE					
DDN9694B	Additional NICE Inform Reconstruction concurrent user license.	\$2,642	3	\$7,926					
STORAGE CENTER									
Motorola Part Number	Description	PRICE	QTY	EXTENDED PRICE					
STORAGE CENTER - NOT BUNDLED									
DQSC89SRVR	Storage Center - basic server SW	\$3,000	1	\$3,000					
DQSC89CHANLIC	Storage Center -per 50 NiceLog Channels licenses	\$2,000	2	\$4,000					
ADDITIONAL HARDWARE - MOTOROLA OR CUSTOMER SUPPLIED									
Motorola Part Number	Description	PRICE	QTY	EXTENDED PRICE					
	Network Router or Switch		1						
	Appropriate Rack/Cabinet Space with Monitor, KVM (16 ports)		1						
	Playback Workstation		1						
	System Administration Workstation		1						
	CLS + Inform Server		1						
	Storage Center Server		1						
	See Assumptions and Dependencies Tab for More Details		1						
SERVICES									
Motorola Part Number	Description	PRICE	QTY	EXTENDED PRICE					
DQPS1D	PS Services	\$3,273	5	\$16,365					
PROPOSED SOLUTION TOTALS									
Motorola Part Number	Description	PRICE	QTY	EXTENDED PRICE	Maintenance Pricing				
	TOTALS			\$118,313	Warranty Upgrade: GOLD LITE	Warranty Upgrade: GOLD	Annual Maintenance: SILVER	Annual Maintenance: GOLD LITE	Annual Maintenance: GOLD
					\$9,895	\$11,135	\$18,557	\$21,032	\$24,738