

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](mailto: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

Radford City Grant A/NetClock

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Radford City

CONTACT TITLE: Sergeant

CONTACT FIRST NAME: Angie

CONTACT LAST NAME: Simpkins

ADDRESS 1: 20 Robertson St.

ADDRESS 2:

CITY: Radford

ZIP CODE: 24141

CONTACT EMAIL: arsimpkins@radford.va.us

CONTACT PHONE NUMBER: 540-731-3624

CONTACT MOBILE NUMBER: 540-392-4353

CONTACT FAX NUMBER: 540-731-3620

REGIONAL COORDINATOR: Tim Addington

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

**Radford City 9-1-1 Center (for Police, Fire, and Rescue)**

_____	_____
_____	_____
_____	_____
_____	_____

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- Technically Outdated\*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**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**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

## PROJECT FOCUS TIME SYNCHRONIZATION

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

## FINANCIAL DATA

Amount Requested: \$ 11,688.00

Total Project Cost: \$ 11,688.00

## 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:**

This project is needed to synchronize all of our time sources. In the 9-1-1 center, there are numerous computers and servers; none of which are ever on the same time between CPEs. Not only do the Emergency Tele-Communicators (ETCs) need the time to be the same on everything that they view of document, so do the officers. It is imperative that officers have accurate times for court testimony and proof. The 9-1-1 center needs the times to be accurate on all computers because this is where the officers retrieve documentation for court and for investigations. If the CAD shows one time and the radio shows a time five (5) minutes later, then there is a problem...and that is our current situation. NetClocks do not change much from year to year, so this should last quite some time. I don't want our ETCs staying confused with what time source to use. The 9-1-1 center is what houses all documented information for any reported incident or initiated activity, so time being accurate is paramount.



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

The NetClock would be maintained by an initial one year 24/7 support. After that, the cost is so minimal that the City could plan for that in the budget annually.

## **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.**

The goal of this project is to provide an accurate, synchronized time source to maintain accuracy for the ETCs, public safety personnel, and the citizens of the City of Radford. If someone says that they called us at 2105 hours, but our records indicate that it was 2115 hours, then the public no longer trusts our records and information. The ETCs need to be able to trust their equipment in the 9-1-1 center, and the time source is one of the most important things they should be able to trust and utilize.

An objective of this project is to maintain a reliable and accurate time source for all documentation in/through Communications. This applies to written and audible documentation. Implementation would be quick, as the NetClock only needs to connect to sources/servers. It would take effect almost immediately after it was installed...after testing.



### 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"/> <b>INITIATION</b> (Project approved by appropriate stakeholders)	07 / 01 / 13
<input checked="" type="checkbox"/> <b>DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)	07 / 30 / 13
<input checked="" type="checkbox"/> <b>ACQUISITION</b> (Selected system or solution is procured)	08 / 15 / 13
<input checked="" type="checkbox"/> <b>IMPLEMENTATION</b> (Selected system or solution is configured and installed)	09 / 01 / 13
<input checked="" type="checkbox"/> <b>TESTING/COMPLETION</b> (Selected system or solution is tested and put in production)	09 / 15 / 13

#### Identify the longevity or sustainability of the project.

The NetClock is not something that changes a lot from year to year. As long as it is working properly with the other systems/servers that we have, then this system should last for a few years, at a bare minimum. After the first year of support is paid through the grant, the City of Radford can budget annually for this cost; it is a minimal fee that should not cause any hardship.



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

The networks and computer systems today require time sensitive data for logging events, records management, synchronizing operational functions, and network usage. Obtaining and utilizing this system will keep us up-to-date with today’s requirements/standards, as well as with future standards and technologies. This procurement would also give us a better way to investigate any time lapse issues on calls that come into the 9-1-1 center. This will also assist our agency with intraoperability because the first responders that we dispatch for wouldn’t have to question why times are different on documentation than it was over the radio (as is the case now); they can know that their information and documentation is accurate across the board.

**REGIONAL INITIATIVE (if applicable)**

The relationship of the initiative to the participating PSAPs:

1T

Intended collaborative efforts:

1T



Resource sharing:

1T

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

1T

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

How would a consolidation take place and provide improved service:

1T

How should it be organized and staffed:

1T



What services should it perform:

1T

How should policies be made and changed:

1T

How should it be funded:

1T

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

1T



## 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 attachments of vendor-prepared quote for a NetClock.

## EVALUATION

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

This project will be evaluated by the ETCs and the public safety personnel (Police, Fire, and Rescue since we dispatch for all three). If public safety isn't having any trouble with times matching up on documentation or audibly, then the project is a success. Moreover, if the ETCs are not having any trouble finding an accurate time in a split second, then the project is successful. The measure of achievement will be found in the documentation (both audio and visual documentation). If this makes the jobs of all involved easier, while creating a feeling of trust within the City and amongst citizens, then the project will be deemed a success.



## 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"



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 Fax: +1 585.321.5219  
 www.spectracomcorp.com

# QUOTE

QUOTE #: 12-0926MPL/01  
 QUOTE DATE: 9.26.2012

TO: Angie Simpkins  
 Radford City Police Department

FROM: Matthew Loomis  
 Inside Technical Sales  
 (585) 321-5869 (direct)  
 matt.loomis@spectracom.orolia.com

## 9483 NetClock PSAP Command Center Packages:

QTY	MODEL #	DESCRIPTION	WARRANTY	UNIT PRICE	LINE TOTAL
1	GP952-94	<p>PSAP Command Center package (compliant to NENA Master Clock specification 04-002):</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>(1) NetClock/GPS Time Server/Master Clock Model 9483 with Opt 05 OCXO Oscillator for GPS Back-up,</li> <li>(1) GPS Outdoor Antenna Model 8225,</li> <li>(1) GPS Antenna Surge Protector Model 8226,</li> <li>(1) Outdoor GPS Antenna Cable - 100 ft. CAL7100,</li> <li>(2) TimeView® 400 Display Clock Model TV400W;</li> <li>(1) RS-485 Station Cable - 100 ft. CW04100, and</li> <li>(1) s-ntp-20s-1LAN Presentense Package. One license copy is needed per LAN in the same postal address. CD.</li> </ul> <p>Total Price: \$8,402            Package Discounted Price: \$7,982</p>	5 Years	\$ 7,982	\$ 7,982
1	Option 16	<p>Gigabit Ethernet Ports</p> <p>NetClock 9483 option with (3) Gigabit Ethernet Ports.</p>	5 Years	\$ 1,500	\$ 1,500
Option	PSP9483.05.16	<p>24/7 Premium Support Package (1 yr - renewable)</p> <ul style="list-style-type: none"> <li>• 24/7 Emergency technical support for down mission critical systems</li> <li>• Express 24 hour loaner service (loaners sent out within 24 hours of a call)</li> <li>• Free loaners (normally a \$250 Dollar/mo. Min charge)</li> <li>• Priority repair service, first class rank for repair service (standard 10-14 days)</li> <li>• Free domestic ground shipping of repairs (normally a one way charge)</li> <li>• Can be renewed within 30 days of expiration period</li> </ul>	Per Year	\$ 974/yr	
Option	Shipping	<p>UPS-Gnd shipping charges:            GP952 (Opt-16 does not change estimate)</p>	-	\$ 55	
<b>TOTAL</b>					<b>\$ 9,482</b>

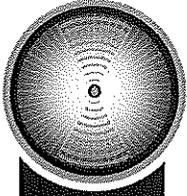
### TERMS AND CONDITIONS INCLUDE

<b>Availability:</b>	Stock - 2 weeks after acceptance of order	<b>Installation:</b>	Not included in proposal
<b>Pricing:</b>	All pricing is in US Dollars (\$)	<b>Quote Validity:</b>	30 Days from quote date
<b>Payment:</b>	Net 30 days upon credit approval. Otherwise payment via credit card or cash in advance, prior to shipment. Purchaser is responsible for all bank fees, transportation & export/import	<b>Shipping terms:</b>	FCA, Rochester (Incoterms 2000) Shipping charges prepaid and added to the invoice or charged to customer shipping account number

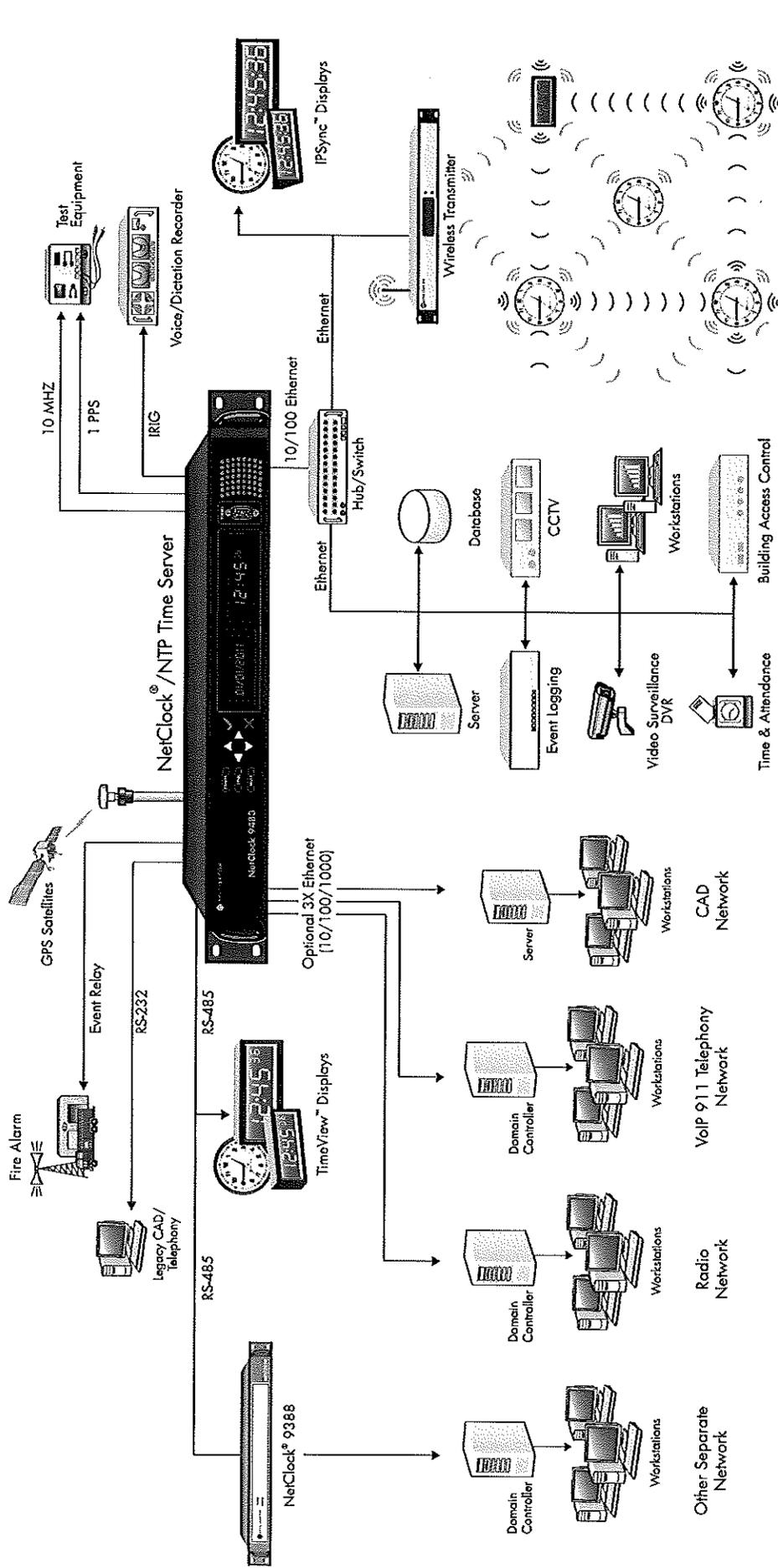


# SPECTRACOM

## TIMING & SYNCHRONIZATION



### Synchronized Communication Center



Agency Network - Main

Wireless Mesh Time Network  
(For Multiple Display Clock Systems)

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