

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

Chesapeake CPE – NG9-1-1CPE

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Chesapeake

CONTACT TITLE: 9-1-1 Coordinator

CONTACT FIRST NAME: Greg

CONTACT LAST NAME: Staylor

ADDRESS 1: 304 Albemarle Dr

ADDRESS 2: 1T

CITY: Chesapeake

ZIP CODE: 23322

CONTACT EMAIL: [gstaylor@cityofchesapeake.net](mailto:gstaylor@cityofchesapeake.net)

CONTACT PHONE NUMBER: 757-382-8746

CONTACT MOBILE NUMBER: 757-240-1700

CONTACT FAX NUMBER: 757-382-6149

REGIONAL COORDINATOR: Lyle Hornbaker

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

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**City of Chesapeake**

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### GRANT TYPE

Individual PSAP

Consolidation

Regional Initiative

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Technically Outdated\*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**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**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

**Vesta 2.20 (SP3) Build 335.7**

**All Hardware & Software will be 6 to 7 years old when replaced under this grant as it was purchased in 2007**

**PROJECT FOCUS** CPE

**If "Other" selected, please specify: 1T**

**FINANCIAL DATA**

Amount Requested: \$ 150,000

Total Project Cost: \$ 2,800,000

**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:

This project is ranked as priority #3 on the Virginia E-911 Services Board list of grant projects as a CPE - Technically Outdated. To us, the replacement of our CPE system is a top priority as it approaches end-of-life cycle as a 7 year replacement system. In our current system, the workstations have already past their recommended operational life and are to the age that they require frequent repairs to keep them operational. Our current servers and other equipment will soon be past their recommended operational period.

As the CPE system is the one crucial system in taking Wireless 9-1-1 calls, it is imperative for the system to work. Without the ability to replace the system, the City's population of over 220,000, plus an unknown number of visitors and travelers may experience unreliable or unavailable 9-1-1 service.

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

The City requires all information technology systems have an identified funding source for required maintenance prior to purchase of the system. As such, the City would be obligated to the maintenance cost for the system as part of the specific fund this equipment would fall under, which is supported through specific 9-1-1 revenue and supplemented as required by City general funds.

This system will become part of our 10 year strategic plan for Chesapeake's 9-1-1 Operation. As such, we will work with the manufacturer and industry standards to properly identify and comply with the maintenance and replacement of the system.



## 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 would replace our current CPE system with a next generation 9-1-1 CPE system, which will allow the City 9-1-1 Operation to align with others with IP based CPE. As such, technology advancements and integrations with other systems and localities will be possible as well as the expanding possibilities of devices and means to receive and interact with various types of emergency service requests such as text messages, video, etc.

The goals and objectives would be to move from legacy CPE to next generation IP based CPE in order to provide improved services and capabilities in handling 9-1-1 and emergency service requests of various types from various devices and means.

### 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"/> <b>INITIATION</b> (Project approved by appropriate stakeholders)	09 / 01 / 12
<input type="checkbox"/> <b>DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)	07 / 01 / 13
<input type="checkbox"/> <b>ACQUISITION</b> (Selected system or solution is procured)	12 / 01 / 13
<input type="checkbox"/> <b>IMPLEMENTATION</b> (Selected system or solution is configured and installed)	06 / 01 / 14


 **TESTING/COMPLETION**

(Selected system or solution is tested and put in production)

07 / 01 / 14

Identify the longevity or sustainability of the project.

This project will be placed into a system life cycle recommended replacement under our 10 year strategic technology plan. As such, we will work with the manufacturer and industry standards to properly identify and comply with the maintenance and replacement of the system.

The City requires all information technology systems have an identified funding source for required maintenance prior to purchase of the system. As such, the City would be obligated to the maintenance cost for the system as part of the specific fund this equipment would fall under, which is supported through specific 9-1-1 revenue and supplemented as required by City general funds.

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

In evolving to a Next Generation 9-1-1 system, we will be moving forward in direct compliance with the State's Comprehensive 9-1-1 Plan for IP based, interoperable system design as well as expanding the capabilities of 9-1-1 call handling.

**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 the attached budgetary quote. While dated, it represents the basic concepts of the design and overall magnitude of the project as we change from legacy E9-1-1 to NG9-1-1

## EVALUATION

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

The system's success will be based on several factors, but primarily on the ability to handle various 9-1-1 calls through IP and properly route the calls to the appropriate consoles or positions, operators by their skillsets and, even, jurisdiction or agency when transfers, mutual aid or interoperability is required.



## 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"



May 18, 2011

Lt. Greg Staylor  
Section Coordinator  
Public Safety and Emergency Communications Section  
City of Chesapeake Police Department  
304 Albemarle Drive  
Chesapeake, VA 23322

Re: Budget Estimate for New 911 Center

Dear Lt Staylor:

We thank you for your support of Motorola Solutions products and services. We are pleased to provide a budgetary estimate and supporting proposal for a Patriot Sentinel 911 system for the new City of Chesapeake 911 center. The information in this proposal is provided to assist in your budgetary planning process. It is anticipated that Motorola will provide a final design and comprehensive proposal with firm pricing, based upon a more detailed analysis of the City of Chesapeake's requirements.

This information provided in this proposal is provided for informational (or budgetary) purposes only and does not constitute an offer to sell or license any Motorola product. This proposal is not binding on Motorola and Motorola is making no representations, warranties, or commitments with respect to pricing, products, or terms and conditions which would require more information and further detailed analysis of the requirements for which this proposal is requested.

We at Motorola Solutions look forward to working with you on this important communications project. Please contact Neil Kunzler any time at 757-481-6096 (office) or 757-377-5374 (mobile) or via email at [Neil.Kunzler@motorolasolutions.com](mailto:Neil.Kunzler@motorolasolutions.com) for further information on this proposal.

Sincerely,  
MOTOROLA SOLUTIONS, INC.

Jacquelyn M. Wasni  
MSSSI Vice President  
North America Government Markets

- ◆ The agenda will include the following:
  - Overall project status compared to the Project Schedule.
  - Product or service related issues that may affect the Project Schedule.
  - Status of the action items and the responsibilities associated with them, in accordance with the Project Schedule.
  - Any miscellaneous concerns of either the Customer or Motorola.

*Customer Responsibilities:*

- ◆ Attend meetings.
- ◆ Respond to issues in a timely manner.
- ◆ Make timely decisions.

*Completion Criteria:*

- ◆ Completion of the meetings and submission of meeting minutes.

**Progress Milestone Submittal**

*Motorola Responsibilities:*

- ◆ Submit progress (non-payment) milestone completion certificate/documentation.

*Customer Responsibilities:*

- ◆ Approve milestone, which will signify confirmation of completion of the work associated with the scheduled task.

*Completion Criteria:*

- ◆ The Customer approval of the Milestone Completion document(s).

Budgetary estimate \$2,800,000.



<b>Qty.</b>	<b>Part No.</b>	<b>Sentinel Patriot System Description</b>
		<b>Sentinel Patriot</b>
1	873099-00103.1	PAT 3.1 SYS SW DC L M
1	809800-35061	PATRIOT SYS CFG
1	873099-03001	PAT/CM CAD INTFC LIC
1	04000-05533	BLKBX TL553A-R3 DATASHARE
		<b>Server Equipment</b>
2	62040-G614401	SVR RACK DL380/G6
1	64000-20056	HARD DRIVE 146GB SAS 15K
1	04000-30182	USB TO SERIAL HUB KIT
1	04000-00393	SVR WIN2008 DGRD + 10CAL
1	04000-00101	PAT PTS CENT OS
2	809800-35056	PAT SVR CFG
		<b>Workstation Equipment</b>
25	873099-00303.0	PAT 3.X PER SEAT LIC
25	809800-35001	PAT 3.X SW SPT 1YR
25	809800-35003	PAT 3.X SW SPT 3YR
25	809800-35005	PAT 3.X SW SPT 5YR
		<b>Workstation Equipment - Z200</b>
25	61000-F204807X	WKST HP Z200
25	63002-192808	MNTR 19IN W/SPKRS BLK NEC
25	04000-0LX44	4-CHANNEL, PCI SOUND CARD
25	64007-50017	KEYPAD 24KEY W/25FT CBL
25	04000-01005	KVM DVI 4-PORT SWITCH
100	04000-01018	CBL DVI KVM EXT KIT
2	04000-00394	SVR WIN2008 CAL 5-PK
25	853004-00101	PAT 3.X SENT HARDWARE
25	809800-35058	SENT IWS CFG
25	809800-35060	SENT STAGING FEE PP
1	870890-07501	CPR/SYSPREP IMAGING
		<b>Sentinel Patriot Optional Modules</b>
		<b>Sentinel Patriot Dual IRR Module</b>
25	873099-00501	PAT/CM IRR LIC/DOC/MED
25	809800-35016	PAT/CM IRR SW SPT 1YR
25	809800-35018	PAT/CM IRR SW SPT 3YR
25	809800-35020	PAT/CM IRR SW SPT 5YR

<b>Qty.</b>	<b>Part No.</b>	<b>Sentinel Patriot System Description</b>
		<b>Sentinel Monitor</b>
3	873099-00701	SEN MNTR VIEW SW LIC
25	873099-00801	SEN AGENT MNTR LIC
3	809800-35026	SEN MNTR SW SPT 1YR
3	809800-35028	SEN MNTR SW SPT 3YR
3	809800-35030	SEN MNTR SW SPT 5YR
3	61000-F204807X	WKST HP Z200
3	63002-192808	MNTR 19IN W/SPKRS BLK NEC
3	809800-00102	GENERIC WKSTN CONFIG FEE
		<b>Cisco Switch/Router Equipment</b>
1	04000-28110	ROUTER 871 ETHERNET
1	04000-28125	WARR 871 ROUTER 24X7 1YR
1	04000-28127	WARR 871 ROUTER 24X7 3YR
1	04000-28129	WARR 871 ROUTER 24X7 5YR
1	809800-00199	ROUTER CFG FEE
2	04000-01037	SWITCH 48-PORT 2960
2	04000-02961	SPT 2960 48-PORT 1YR
2	04000-02973	SPT 2960 48-PORT 3YR
2	04000-02975	SPT 2960 48-PORT 5YR
		<b>Peripherals &amp; Gateways</b>
1	04000-31500	PAT/CM ALARM PANEL
1	863014-00101	PAT PERIPHERALS
1	850830-03011	MODEM PKG 56K EXT
2	2213936-1-SR1	PAT FXO GATEWAY 4PORT
2	2213939-1-SR1	PAT FXS GATEWAY 8PORT
2	04000-03530	PAT T1E1 GATEWAY 1SPN AC
1	04000-04108	SECURITY FIREWALL 410 AP
1	04000-41011	SECURE SPT 410 1YR
1	04000-41013	SECURE SPT 410 3YR
1	04000-41015	SECURE SPT 410 5 YR
1	809800-00201	VPN CONFIG SERVICE
1	04000-01751	TS-4 PORT TERMINAL SVR
1	65000-00182	CBL 4FT RJ45-10P TO DB25M

<b>Sentinel Patriot System</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
<b>Peripherals &amp; Cabinet Equipment</b>		
1	00600-20042	CABINET 42U 19 INCH W RM
1	63009-172801	MNTR 17IN RACK KYBD 1U
1	04000-004B4	KVM 4-PORT SWITCH
1	04000-00612	CBL KVM PS/2 CONSOLE
4	04000-60614	CBL KVM PS/2 PC
1	04000-RMM19	BRKT 19IN RACK MTG/ARBTR
1	04000-00706	FAN KIT BLACK
1	00600-20142	42U CAB ROOF W/FAN HOLES
1	04000-50032	SEISMIC BRACING KIT
1	809800-80044	SERVER CABINET CONFIG FEE
<b>Time Synchronization Equipment</b>		
1	04000-09383	NETCLOCK GPS MASTER 9383
1	04000-09184	NETCLOCK OSCILLATOR
1	04000-08225	GPS ANTENNA OUTDOOR
1	04000-08226	GPS ANTENNA SURG PROTECTR
1	04000-07100	CBL GPS ANTENNA 100FT

opt

<b>Aurora - MIS System</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
<b>Aurora - MIS System Licensing &amp; Support</b>		
1	873399-00101.3	AURORA 1.3 L/D/M
25	873391-00201	AURORA COLLECTION LIC
25	809800-03301	AURORA SPT 1 YR
25	809800-03303	AURORA SPT 3 YR
25	809800-03305	AURORA SPT 5 YR
6	873391-00301	AURORA USER LICENSE
6	04000-00328	SQL 2008 CAL RUNTIME STD
<b>Aurora Optional Modules</b>		
1	873391-00901	AURORA ADV RPT PKG LIC

<b>Sentinel Patriot System</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
<b>Aurora Server Equipment</b>		
<b>ML350 Server Equipment</b>		
1	62040-J614401	SVR RACK ML350 G6
4	64000-20056	HARD DRIVE 146GB SAS 15K
1	64000-30024	PROCESSOR QUAD E5520 2.26
1	04000-00085	KIT BACKUP 1TB SATA
1	63002-172805	MNTR 17IN W/SPKRS NEC
1	04000-00393	SVR WIN2008 DGRD + 10CAL
1	04000-00329	SQL 2008 SVR RUNTIME STD
1	04000-00426	PRESENT TENSE CLIENT
1	809800-01416	MIS SVR CFG

**Aurora Standalone Workstation Equipment**  
**Workstation Equipment - Z200**

2	61000-F204807X	WKST HP Z200
2	63002-192808	MNTR 19IN W/SPKRS BLK NEC
2	809800-00102	GENERIC WKSTN CONFIG FEE

**Peripherals & Cabinet Equipment**

1	65000-00124	CBL PATCH 15FT
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**Aurora Printers**

1	64040-60020	PRINTER USB B/W LASERJET <i>Note: Laserjet Black and White printer. Recommended monthly volume, 250 to 1,500 pages</i>
1	65000-00002	CBL PATCH 3FT, PNL TO SW

**Managed Services**

<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
<b>Monitoring &amp; Response Activation Fee</b>		
1	809800-14151	M&R ACT FEE MED&LGE SITE
<b>Monitoring &amp; Response License Fees</b>		
2	871499-01203	M&R LIC, SERVER
30	871499-01204	M&R LIC, WORKSTATION
8	871499-01205	M&R LIC, IP DEV
<b>Monitoring &amp; Response Support Fees</b>		
2	809800-14111	M&R SERVER SRVC 1YR
2	809800-14113	M&R SERVER SRVC 3YR
2	809800-14115	M&R SERVER SRVC 5YR

<b>Sentinel Patriot System</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
30	809800-14116	M&R WORKSTATION SRVC 1YR
30	809800-14118	M&R WORKSTATION SRVC 3YR
30	809800-14120	M&R WORKSTATION SRVC 5YR
8	809800-14121	M&R IP DEV SRVC 1YR
8	809800-14123	M&R IP DEV SRVC 3YR
8	809800-14125	M&R IP DEV SRVC 5YR

<b>Optional Parts/Spares</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
<b>Spare Sentinel Patriot Equipment</b>		
1	2213936-1-SR1	PAT FXO GATEWAY 4PORT
1	2213939-1-SR1	PAT FXS GATEWAY 8PORT
1	04000-03530	PAT T1E1 GATEWAY 1SPN AC
1	04000-01751	TS-4 PORT TERMINAL SVR
1	04000-10869	PAT/CM CIM I/O MODULE
1	04000-10856	PAT/CM CIM PCI MODULE
1	04000-10766	PAT JACKBOX + CBL FOR CIM
1	04000-01037	SWITCH 48-PORT 2960
1	04000-02961	SPT 2960 48-PORT 1YR
1	04000-02973	SPT 2960 48-PORT 3YR
1	04000-02975	SPT 2960 48-PORT 5YR

<b>Optional Workstation Equipment</b>		
<b>Workstation Equipment - Z200</b>		
1	61000-F204807X	WKST HP Z200
1	63002-192808	MNTR 19IN W/SPKRS BLK NEC
1	04000-0LX44	4-CHANNEL, PCI SOUND CARD
1	64007-50017	KEYPAD 24KEY W/25FT CBL
1	04000-01005	KVM DVI 4-PORT SWITCH
1	04000-01018	CBL DVI KVM EXT KIT
1	04000-01501	WARR 5YR Z200 XW43/44/46
1	809800-00102	GENERIC WKSTN CONFIG FEE

<b>Sentinel Patriot System</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
<b>Extended Warranties</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
		<b>Server Extended Warranty</b>
1	04000-01530	WARR 24X7 5YR ML350/5-/6 Note: Upgrade & uplift from 3 yrs warranty 9x5 NBD to 5 yrs, 24x7, 4 hour response time.
3	04000-01526	WARR 5YR 24X7 DL380 Note: Upgrade & uplift from 3 yr warranty 9x5 NBD to 5 yrs, 24x7 response time.
		<b>Workstation Extended Warranty</b>
30	04000-01501	WARR 5YR Z200 XW43/44/46 Note: Warranty upgrade from 3 yrs warranty 9x5 NBD to 5 yrs 24x7, 4 hour response.

<b>PlantCML Services</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
		<b>Field Engineering Services</b>
480	809800-17101	FIELD ENG-PRIMARY
		<b>Project Management Services</b>
256	809800-51004	PROJECT MGT-SECONDARY
		<b>I&amp;M Training</b>
		Note: I&M courses are typically given at PlantCML's training facility in either Temecula, CA or Westchester, IL, but can also be taught onsite. Prices for I&M courses are per student and do not include travel expenses.
4	000000-18540	SENT PAT I&M/ADMIN

Qty.	Part No.	Sentinel Patriot System Description
		<b>Training</b>
		<i>Note: Training is provided at the customer site using the customer owned equipment. Prices are per student unless otherwise indicated. Minimum number of students is 6 and maximum number of students is 8 per class.</i>
6	000000-08531	SENTINEL PATRIOT AGENT
		<i>Note: Patriot Agent training does not include training on the SIP phones. SIP phone training is a separate class and can be quoted based on request.</i>
6	000000-08532	SENTINEL PATRIOT AGT TTT
6	000000-08534	SENTINEL PATRIOT ADMIN
6	000000-08537	SEN MON & STATS ADMIN
6	000000-24404	AURORA ADMIN TRAINING
2	809800-00114	TRAVEL EXPENSE
9	809800-00115	DAILY TRAINER EXPENSE
1	000000-08538	CUTOVER COACHING
1	809800-00114	TRAVEL EXPENSE
2	809800-00115	DAILY TRAINER EXPENSE

**Sentinel Patriot System 9 Position Backup**

<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
1	873099-03001	PAT/CM CAD INTFC LIC
1	04000-05533	BLKBX TL553A-R3 DATASHARE

**Server Equipment**

2	62040-G614401	SVR RACK DL380/G6
1	64000-20056	HARD DRIVE 146GB SAS 15K
1	04000-30182	USB TO SERIAL HUB KIT
1	04000-00393	SVR WIN2008 DGRD + 10CAL
1	04000-00101	PAT PTS CENT OS
2	809800-35056	PAT SVR CFG

**Workstation Equipment**

9	873099-00303.0	PAT 3.X PER SEAT LIC
9	809800-35001	PAT 3.X SW SPT 1YR
9	809800-35003	PAT 3.X SW SPT 3YR
9	809800-35005	PAT 3.X SW SPT 5YR

**Workstation Equipment - Z200**

9	61000-F204807X	WKST HP Z200
9	63002-192808	MNTR 19IN W/SPKRS BLK NEC
9	04000-0LX44	4-CHANNEL, PCI SOUND CARD
9	64007-50017	KEYPAD 24KEY W/25FT CBL
9	04000-01005	KVM DVI 4-PORT SWITCH
36	04000-01018	CBL DVI KVM EXT KIT
9	853004-00101	PAT 3.X SENT HARDWARE
9	809800-35058	SENT IWS CFG
9	809800-35060	SENT STAGING FEE PP
1	870890-07501	CPR/SYSPREP IMAGING

**Sentinel Patriot Optional Modules****Sentinel Patriot Dual IRR Module**

9	873099-00501	PAT/CM IRR LIC/DOC/MED
9	809800-35016	PAT/CM IRR SW SPT 1YR
9	809800-35018	PAT/CM IRR SW SPT 3YR
9	809800-35020	PAT/CM IRR SW SPT 5YR

<b>Sentinel Patriot System 9 Position Backup</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
<b>Sentinel Monitor</b>		
1	873099-00701	SEN MNTR VIEW SW LIC
9	873099-00801	SEN AGENT MNTR LIC
1	809800-35026	SEN MNTR SW SPT 1YR
1	809800-35028	SEN MNTR SW SPT 3YR
1	809800-35030	SEN MNTR SW SPT 5YR
1	61000-F204807X	WKST HP Z200
1	63002-192808	MNTR 19IN W/SPKRS BLK NEC
1	809800-00102	GENERIC WKSTN CONFIG FEE
<b>Cisco Switch/Router Equipment</b>		
1	04000-28110	ROUTER 871 ETHERNET
1	04000-28125	WARR 871 ROUTER 24X7 1YR
1	04000-28127	WARR 871 ROUTER 24X7 3YR
1	04000-28129	WARR 871 ROUTER 24X7 5YR
1	809800-00199	ROUTER CFG FEE
2	04000-01051	SWITCH 24-PORT 2960
2	04000-02963	SPT 2960 24-PORT 2T 1YR
2	04000-02969	SPT 2960 24-PORT 2T 3YR
2	04000-02971	SPT 2960 24-PORT 2T 5YR
<b>Peripherals &amp; Gateways</b>		
1	04000-31500	PAT/CM ALARM PANEL
1	863014-00101	PAT PERIPHERALS
1	850830-03011	MODEM PKG 56K EXT
2	2213936-1-SR1	PAT FXO GATEWAY 4PORT
2	2213939-1-SR1	PAT FXS GATEWAY 8PORT
2	04000-03530	PAT T1E1 GATEWAY 1SPN AC
1	04000-04108	SECURITY FIREWALL 410 AP
1	04000-41011	SECURE SPT 410 1YR
1	04000-41013	SECURE SPT 410 3YR
1	04000-41015	SECURE SPT 410 5 YR
1	809800-00201	VPN CONFIG SERVICE
1	04000-01751	TS-4 PORT TERMINAL SVR
1	65000-00182	CBL 4FT RJ45-10P TO DB25M
<b>Peripherals &amp; Cabinet Equipment</b>		
1	00600-20042	CABINET 42U 19 INCH W RM
1	63009-172801	MNTR 17IN RACK KYBD 1U
1	04000-004B4	KVM 4-PORT SWITCH
1	04000-00612	CBL KVM PS/2 CONSOLE
4	04000-60614	CBL KVM PS/2 PC
1	04000-RMM19	BRKT 19IN RACK MTG/ARBTR

<b>Sentinel Patriot System 9 Position Backup</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
1	04000-00706	FAN KIT BLACK
1	00600-20142	42U CAB ROOF W/FAN HOLES
1	04000-50032	SEISMIC BRACING KIT
1	809800-80044	SERVER CABINET CONFIG FEE
<b>Time Synchronization Equipment</b>		
1	04000-09383	NETCLOCK GPS MASTER 9383
1	04000-09184	NETCLOCK OSCILLATOR
1	04000-08225	GPS ANTENNA OUTDOOR
1	04000-08226	GPS ANTENNA SURG PROTECTR
1	04000-07100	CBL GPS ANTENNA 100FT

*new cert*

<b>Sentinel CommandPOST System</b>		
<b>Qty.</b>	<b>Part No.</b>	<b>Description</b>
<b>Sentinel Patriot CommandPOST</b>		
1	873099-00303.0	PAT 3.X PER SEAT LIC
1	809800-35001	PAT 3.X SW SPT 1YR
1	809800-35003	PAT 3.X SW SPT 3YR
1	809800-35005	PAT 3.X SW SPT 5YR
1	61050-J204801X	SENT CPOST 8540P
1	04401-00093	BATT EXT LIFE 8540P
1	64021-10025	KYBD/MOUSE BUNDLE
1	04000-00488	ADVANCED 8540P STATION
1	63002-192808	MNTR 19IN W/SPKRS BLK NEC
1	64007-50014	KEYPAD 24 KEY PS2/USB
1	64007-50017	KEYPAD 24KEY W/25FT CBL
1	853004-00201	SENT PAT CPOST HW KIT
1	809800-35058	SENT IWS CFG
1	809800-35060	SENT STAGING FEE PP
<b>Sentinel Monitor</b>		
1	873099-00801	SEN AGENT MNTR LIC
<b>Aurora - MIS System Licensing &amp; Support</b>		
1	873391-00201	AURORA COLLECTION LIC
1	809800-03301	AURORA SPT 1 YR
1	809800-03303	AURORA SPT 3 YR
1	809800-03305	AURORA SPT 5 YR

<b>Qty.</b>	<b>Part No.</b>	<b>Sentinel Patriot System 9 Position Backup Description</b>
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<b>Qty.</b>	<b>Part No.</b>	<b>Aurora - MIS System Description</b>
		<b>Aurora - MIS System Licensing &amp; Support</b>
9	873391-00201	AURORA COLLECTION LIC
9	809800-03301	AURORA SPT 1 YR
9	809800-03303	AURORA SPT 3 YR
9	809800-03305	AURORA SPT 5 YR

<b>Qty.</b>	<b>Part No.</b>	<b>Aurora Printers Description</b>
1	64040-60020	PRINTER USB B/W LASERJET <i>Note: Laserjet Black and White printer. Recommended monthly volume, 250 to 1,500 pages</i>
1	65000-00002	CBL PATCH 3FT, PNL TO SW

<b>Qty.</b>	<b>Part No.</b>	<b>Managed Services Description</b>
		<b>Monitoring &amp; Response License Fees</b>
1	871499-01203	M&R LIC, SERVER
10	871499-01204	M&R LIC, WORKSTATION
8	871499-01205	M&R LIC, IP DEV
		<b>Monitoring &amp; Response Support Fees</b>
1	809800-14111	M&R SERVER SRVC 1YR
1	809800-14113	M&R SERVER SRVC 3YR
1	809800-14115	M&R SERVER SRVC 5YR
10	809800-14116	M&R WORKSTATION SRVC 1YR
10	809800-14118	M&R WORKSTATION SRVC 3YR
10	809800-14120	M&R WORKSTATION SRVC 5YR
8	809800-14121	M&R IP DEV SRVC 1YR
8	809800-14123	M&R IP DEV SRVC 3YR
8	809800-14125	M&R IP DEV SRVC 5YR

**Sentinel Patriot System 9 Position Backup**

<i>Qty.</i>	<i>Part No.</i>	<i>Description</i>
<i>Qty.</i>	<i>Part No.</i>	<i>Description</i>
		<b>Optional Parts/Spares</b>
		<b>Spare Sentinel Patriot Equipment</b>
1	2213936-1-SR1	PAT FXO GATEWAY 4PORT
1	2213939-1-SR1	PAT FXS GATEWAY 8PORT
1	04000-03530	PAT T1E1 GATEWAY 1SPN AC
1	04000-01751	TS-4 PORT TERMINAL SVR
1	04000-10869	PAT/CM CIM I/O MODULE
1	04000-10856	PAT/CM CIM PCI MODULE
1	04000-10766	PAT JACKBOX + CBL FOR CIM
1	04000-01051	SWITCH 24-PORT 2960
1	04000-02963	SPT 2960 24-PORT 2T 1YR
1	04000-02969	SPT 2960 24-PORT 2T 3YR
1	04000-02971	SPT 2960 24-PORT 2T 5YR

**Optional Workstation Equipment****Workstation Equipment - Z200**

1	61000-F204807X	WKST HP Z200
1	63002-192808	MNTR 19IN W/SPKRS BLK NEC
1	04000-0LX44	4-CHANNEL, PCI SOUND CARD
1	64007-50017	KEYPAD 24KEY W/25FT CBL
1	04000-01005	KVM DVI 4-PORT SWITCH
1	04000-01018	CBL DVI KVM EXT KIT
1	04000-01501	WARR 5YR Z200 XW43/44/46
1	809800-00102	GENERIC WKSTN CONFIG FEE

**Extended Warranties**

<i>Qty.</i>	<i>Part No.</i>	<i>Description</i>
		<b>Server Extended Warranty</b>
2	04000-01526	WARR 5YR 24X7 DL380 <i>Note: Upgrade &amp; uplift from 3 yr warranty 9x5 NBD to 5 yrs, 24x7 response time.</i>
		<b>Workstation Extended Warranty</b>
10	04000-01501	WARR 5YR Z200 XW43/44/46 <i>Note: Warranty upgrade from 3 yrs warranty 9x5 NBD to 5 yrs 24x7, 4 hour response.</i>