



FY19

NG-911 GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division



FY19NG-911 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 the electronic mailbox for grant applications - psapgrants@vita.virginia.gov. Any supporting documentation must also be submitted along with the application when making your grant application submission.

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 FY19NG-911 Grant Application Cycle starts July 1, 2017 and concludes on October 2, 2017 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.



FY19NG-911 GRANT APPLICATION

PROJECT TITLE

Non-Vendor Supported CHE Upgrade

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Warren County Sheriff's Office E911

CONTACT TITLE: Director

CONTACT FIRST NAME: Karen

CONTACT LAST NAME: Crum

ADDRESS 1: 200 Skyline Vista Dr

ADDRESS 2: 2T

CITY: Front Royal, VA

ZIP CODE: 22640

CONTACT EMAIL: kc@warrencountysheriff.org

CONTACT PHONE NUMBER: 5406365901

CONTACT MOBILE NUMBER: 5405505719

CONTACT FAX NUMBER: 5406364950

REGIONAL COORDINATOR: Amy Ozeki

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

GRANT TYPE

Individual PSAP

Shared Services



Non-vendor supported application MUST include age and/or version of hardware/software, **along with a copy of the notice from the vendor.**

VERSION: Patriot 3.2 # YEARS of HARDWARE/SOFTWARE: 5.5

PRIORITY/PROJECT FOCUS NVS CHE

FINANCIAL DATA

Amount Requested: \$150,000

Total Project Cost: \$245,372.73



PROJECT DESCRIPTION

Provide a detailed description of the project for which funding is being sought, including the impact on operational services and consequences of not receiving funding; the relationship to local strategic and capital improvement plans; and sustainability:

2T

The 911 Center is in need of upgrading our existing CHE system in order to be vendor supported as well as NG911/Text Capable. Our existing CHE system is the Airbus DS Communications Sentinel Patriot and has been in service since 2012. The existing Operating system and Database Software no longer has Mainstream Support available by Microsoft and need upgrading to utilize the feature set of updated CHE Application. Airbus DS Communications has released the Sentinel Patriot Migration Notification and the End of Support Delivery dates for the Patriot platform. The County has not been upgraded since installation other than Service Pack or Hot Fixes. Current installed hardware/software is not Virtualized which is required by Vendor for the ASN Service (Advanced Service Node) to process Text-to-911 as well as i3 logging capabilities.

The upgrade of our System Hardware and Software will allow for integration of key Text-to-911 and NG911 Services being made readily available. It will allow for the County to have availability to integrate other 3rd Party Services such as Smart911 and RapidSOS which can provide additional service capabilities for our citizens. Implementing a fully redundant system with virtualization will assist in not only to minimize risk in 911 system failures but also reduce system footprint helping to reduce annual system costs. Virtualization will reduce annual Software Cost for Monitoring due to reduction in Servers/Appliances.

If awarded this grant through the FY'19 grant process, the CHE system will have been in operation over five years, which is stretching the life of 911 workstation computers and servers in operation 24/7/365.

There are limited local funds available to fund this entire CHE project on our own. If awarded this grant, the County will be left with the remaining funding to complete the project. This project will help the County leverage existing investment as part of our strategic plan while reducing Support Liabilities on both Operating Systems and the EoS of our Patriot Equipment.



PROJECT GOAL

Describe how this project addresses locally identified need(s) and supports the Virginia 9-1-1 Comprehensive Plan:

This project will migrate the County from a non-virtualized Patriot platform with the necessary ASN (Advanced Service Node) Services that will allow for Text-to-911 and NG911 integration/i3 Logging. The upgrade will allow for the most recent version of vendor software to be installed and allow Inter-Agency Interconnect between different VESTA 9-1-1 systems where transferring calls will not require going back through the Tandem. This will allow for Call Data (Ani/ALI/Text/etc) to be transferred with the call to the secondary agency. This is not possible today with current non-supported version. Additionally the required Virtualization of the CHE Software will allow for higher supportability and greater flexibility with additional projects in the future.

PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

2T

The 911 Center has a large current investment in the Airbus DS Patriot CHE System. We have used the system for many years and wish to extend the investment, however the hardware has reached the end of risk free usability as well as software supportability. The intent is to upgrade the hardware and Operating System while using cost saving technology like Virtualization. A full Implementation plan outlining the software/hardware upgrade and training services will be provided at project Kick Off and will be conducted in a quick efficient manner without impacting 911 Operations at the County. Capabilities to integrate Text-to-911 and future i3/Next Generation technologies will be possible with the system upgrade. After cut live the system will be monitored for any failures and provided necessary Anti-Virus and OS Patch Updates. This project would extend the use of new computer hardware and software for a minimum of five years. The 911 Center understands it is our responsibility to sustain the project following go-live of the proposed system, and all expenses not covered by grant funds. The County will work with existing Service Provider in making sure the current version or one release back will be maintained as required by the CHE vendor moving forward as possible.

SHARED SERVICES(if applicable)



**IMPLEMENTATION PLAN
SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:**

For each applicable phase of the project, indicate the planned completion date.

Describe the relationship of the project to the participating PSAPs:

2T

Describe the intended collaborative efforts and resource sharing opportunities:

2T



PROJECT PHASE	PLANNED COMPLETION DATE
<p>INITIATION—Project concept is documented, local board or governing authority approval or endorsement is received, NG-911 Grant application is filed, local budgets are obtained, appropriated grant funds are approved, and budgetary estimates are obtained.</p>	<p>03 / 15 / 18</p>
<p>DESIGN/PLANNING - Requirements are documented, components to be purchased are identified, and general design is documented.</p>	<p>05 / 15 / 18</p>
<p>ACQUISITION - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.</p>	<p>08 / 01 / 18</p>
<p>IMPLEMENTATION - Purchased components are delivered and installed and training is performed</p>	<p>09 / 26 / 18</p>
<p>TESTING/COMPLETION - Performance of system/solution is validated and system/solution goes “live”</p>	<p>10 / 26 / 18</p>



BUDGET AND BUDGET NARRATIVE

List the planned expenditures to be made with grant funds. 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.

NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment, but a narrative is still required. 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.

With the world of mission-critical communications ever-changing, Airbus DS Communications remains committed to helping you create smarter ways to keep all your communities safe with the latest technology. With the discontinuation of Sentinel® Patriot®, we want to ensure you are aware and prepared for the next steps.

Airbus introduced the Sentinel Patriot solution to customers in 2006. This document outlines several important elements including the benefits of migrating to the VESTA® 9-1-1 solution, the lifecycle dates for the Sentinel Patriot system, support plans, important milestone dates, part number information, ordering information and how to contact us.

Already being used by over 12,000 Public Safety Answering Point (PSAP) positions, the VESTA 9-1-1 solution provides a new level of flexibility and efficiency for 9-1-1 Calltakers while ensuring your PSAP has a solid foundation for Next Generation technology. A Netclock is being quoted as an optional line item. Current Spectracom Netclock needs to be confirmed that it is not currently End-of-Life.

See Attached Parts List And Quote

EVALUATION

How will the project as identified in the project description be evaluated and measured for achievement and success:

The system success will be evaluated by the vendor meeting our statement of work and the system handling and routing emergency calls correctly. This includes transferring/accepting calls outside our jurisdictional boundaries. This also includes proper handling of Text to 911 calls for service with necessary i3 Logging of Text data.



PHYSICAL CONSOLIDATION - (complete only if applicable)

How would a consolidation take place and provide improved service:

2T

How should it be organized and staffed:

2T

What services should it perform:

2T

How should policies be made and changed:

2T



PHYSICAL CONSOLIDATION -(complete only if applicable) – continued

How should it be funded:

2T

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

2T



JCW Pricing Tool 6.53

Quote Number# BUDGETARY ONLY QUOTE
Account Manager: Cristie Lester

Customer Legal Name: Warren County Sheriff's Office Customer Billing Name: Warren County Sheriff's Office Customer Address: 200 SKYLINE VISTA DR , FRONT ROYAL, VA 22630 Date Prepared: September 27, 2017 Quote Expires: November 26, 2017 Quote Number: BUDGETARY ONLY QUOTE		Centurion Maintenance Coverage: <u>Extended</u> Contract Term: 60					
QTY	Item	Total Non-Recurring Price	Optional-Netclock	Optional-SMS TXT2911	Total Annual Price - Y1	Total Annual Price - Y2+	Total Term Price
	CPE - (Includes Shipping and Misc costs)	\$ 211,576.73	\$ 8,661.18	\$ 29,425.89	\$ 10,271.44	\$ 41,085.76	\$ 51,357.20
	Labor	\$ 33,796.00	N/A	N/A			
	On-Site Tech		\$ -	\$ -	946.54	3,786.16	4,732.70
	Vendor Support	\$ -	\$ -	\$ -			
Total Prices		\$ 245,372.73	\$ 8,661.18	\$ 29,425.89	\$ 11,217.98	\$ 44,871.92	\$ 56,089.90

Prices shown on this page represent recurring and nonrecurring charges for items as described. These prices do not include recurring or nonrecurring charges for taxes, duties, tariffs, or telecommunication services.



CenturyLink

Customer Legal Name: Warren County Sheriff's Office

Customer Billing Name: Warren County Sheriff's Office

200 SKYLINE VISTA DR

FRONT ROYAL

VA, 22630

Valid Until **November 26, 2017**

Quote-Build #: **BUDGETARY ONLY QUOTE-NIBS**

Description of Work

Airbus introduced the Sentinel Patriot solution to customers in 2006. This document outlines several important elements including the benefits of migrating to the VESTA@ 9-1-1 solution, the lifecycle dates for the Sentinel Patriot system, support plans, important milestone dates, part number information, ordering information and how to contact us. This quote is to Migrate the existing Patriot to Vesta 911 due to EOL in 2018 of the Patriot System

to be Performed:

Equipment pricing shown is based upon direct sale accompanied by new Centurion Maintenance contract on same.

Part Number	Description	Quantity	Unit Price	Extended Price
-	VESTA@ 9-1-1	-	\$ -	\$ -
04000-00159	BLKBX TL159A 8-PORT DATACAST	1	\$ 456.47	\$ 456.47
65000-00262	KIT CBL RJ11 ADPTR DB25	1	\$ 17.65	\$ 17.65
-	VESTA@ 9-1-1 Essentials Package	-	\$ -	\$ -
853031-MLBRMSG	V-ML ESS BKRM MED SNGL BNDL	1	\$ 38,429.41	\$ 38,429.41
853031-BRSGSPT5YR	V-ML ESS BKRM SNGL BNDL SPT 5YR	1	\$ 2,531.76	\$ 2,531.76
853031-ESSSTDWKST	V911 ESS STD WKST BNDL	5	\$ 9,020.00	\$ 45,100.00
853031-ESSSTDWKST5YR	V911 ESS STD WKST BNDL SPT 5YR	5	\$ 4,987.06	\$ 24,935.30
-	VESTA@ Workstation Equipment	-	\$ -	\$ -
65000-00197	KIT CBL DP/USB 15FT EXT	5	\$ 24.71	\$ 123.55
833401-00301G-15	CBL INTFC SAM SPKR 15FT	5	\$ 12.94	\$ 64.70
02800-20500	HDST 4W MOD ELEC MIC BLK	5	\$ 37.65	\$ 188.25
03044-20000	HDST CORD 12FT 4W MOD BLK	5	\$ 3.53	\$ 17.65
-	Peripherals & Gateways	-	\$ -	\$ -
2213936-1-SR1	FXO GATEWAY 4-PORT	1	\$ 938.82	\$ 938.82
2213938-1-SR1	FXS GATEWAY 4-PORT	1	\$ 848.24	\$ 848.24
04000-00180	SW SPT ANALOG GATEWAY 5YR	2	\$ 352.94	\$ 705.88
-	VESTA@ Analytics Admin Workstation	-	\$ -	\$ -
61000-819204	DKTP PRODESK G3 MINI W10	1	\$ 1,138.82	\$ 1,138.82
64000-00500	MNTR MTG BRKT	1	\$ 38.82	\$ 38.82
63000-202901	MNTR FP LED 20IN MTG	1	\$ 214.12	\$ 214.12
809800-00102	GENERIC WKST CFG FEE	1	\$ 294.12	\$ 294.12
870890-07501	CPR/SYSPREP MEDIA IMAGE	1	\$ -	\$ -
-	Monitoring & Response Activation Fee	-	\$ -	\$ -
809800-14150	M&R ACT FEE, SMALL SITE	1	\$ 2,000.00	\$ 2,000.00
-	Monitoring & Response Support	-	\$ -	\$ -
-	Servers	-	\$ -	\$ -
-	Note: Includes (2) DDS Servers, (1) VESTA Analytics Server	-	\$ -	\$ -
809800-14165	M&R 3.0 SVR SRVC 5YR	3	\$ 6,576.47	\$ 19,729.41
-	Workstations	-	\$ -	\$ -
-	Note: Includes (5) Calltakers Workstations, (1) VESTA Analytics Admin	-	\$ -	\$ -
809800-16165	M&R 3.0 WKST SRVC 5YR	6	\$ 1,821.18	\$ 10,927.08
-	IP Devices	-	\$ -	\$ -
-	Note: Includes (2) Virtual Host/Machines, (2) MDS Servers, (6) Gateways, (1)	-	\$ -	\$ -
809800-16170	M&R 3.0 IP DEV SRVC 5YR	12	\$ 1,821.18	\$ 21,854.16
-	VESTA@ Network Management Center - Implementation Fee	-	\$ -	\$ -
-	Note: Includes (2) DDS Servers, (5) Calltakers Workstations, (1) VESTA	-	\$ -	\$ -
809800-14152	MGD SERV DEV & IMPL	9	\$ 88.24	\$ 794.16
-	Anti-Virus Solution	-	\$ -	\$ -
809800-14175	VIRUS PROTECT 3.0 SVC 5YR	9	\$ 465.88	\$ 4,192.92
-	Patch Management Solution	-	\$ -	\$ -
809800-16215	PATCH MGMT 3.2 SVC 5YR	9	\$ 1,230.59	\$ 11,075.31
-	VESTA Essentials Spares Equipment	-	\$ -	\$ -
61000-819204	DKTP PRODESK G3 MINI W10	1	\$ 1,138.82	\$ 1,138.82
63000-202901	MNTR FP LED 20IN MTG	1	\$ 214.12	\$ 214.12
64000-00500	MNTR MTG BRKT	1	\$ 38.82	\$ 38.82
660001-00032	EXTERNAL SPEAKERS	1	\$ 36.47	\$ 36.47
800926-00103G	ADPTR 2 PRONG TO MOD JACK	1	\$ 15.29	\$ 15.29
830808-01201	SAM BASIC JKBX KIT W/CBL	1	\$ 60.00	\$ 60.00
833401-00301G-10	CBL INTFC SAM SPKR 10FT	1	\$ 7.06	\$ 7.06
850808-00902	SOUND ARBITRATION MOD SAM	1	\$ 1,188.24	\$ 1,188.24
809800-00102	GENERIC WKST CFG FEE	1	\$ 294.12	\$ 294.12
04000-01593	WARR 24X7 600/705 G2/G3 5YR	1	\$ 443.53	\$ 443.53
04000-01049	SWITCH HP-1820 24-PORT	1	\$ 457.65	\$ 457.65
2213936-SPARE	FXO GATEWAY 4-PORT SPARE	1	\$ 938.82	\$ 938.82
2213938-SPARE	FXS GATEWAY 4-PORT SPARE	1	\$ 848.24	\$ 848.24
-	Server Extended Warranty	-	\$ -	\$ -
-	Note: Includes (2) VESTA@ 9-1-1 Servers	-	\$ -	\$ -
04000-01596	WARR 24X7 ML110G9 5YR	2	\$ 1,085.88	\$ 2,171.76
-	Note: Upgrade & uplift from 3 yr warranty 9x5 NBD to 5 yrs, 24x7, 4 hour response time.	-	\$ -	\$ -
-	Workstation Extended Warranty	-	\$ -	\$ -
-	Note: Includes (5) Calltaker Workstations, (1) VESTA Analytics Admin Workstation	-	\$ -	\$ -
04000-01593	WARR 24X7 600/705 G2/G3 5YR	6	\$ 443.53	\$ 2,661.18
-	Note: Warranty upgrade from 3 yrs warranty 9x5 NBD to 5 yrs 24x7, 4 hour response.	-	\$ -	\$ -
-	VESTA Core / Essentials - Services	-	\$ -	\$ -
809800-17502	V911 ESS REM FE SVCS - MED	1	\$ 15,058.82	\$ 15,058.82
-	Note: Remote Field Engineering for VESTA Essentials Medium PSAPs (greater than 5-positions) includes Remote FE services for configuration and one day of Remote Cutover support.	-	\$ -	\$ -
-	Training	-	\$ -	\$ -

Prices do not include charges for taxes, duties, tariffs, telecommunication services, or professional services such as Centurion Maintenance or Managed Network Services.

-	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 and 2 students per position.	-	\$	-	\$	-
000001-B6702	V911 ESS TRNG BNDL-STD	1	\$	6,941.18	\$	6,941.18
-	Note: VESTA 911 Agent and Admin bundle for V911 Essentials systems. Includes (1) 1 day V9-1-1 ADMIN TRNG to be conducted on the first day, (2) ½ day V9-1-1 AGENT TRNG to be conducted on the second day, and (1) 8 hour V-ANLYT STD ONSITE TRNG course to be conducted on third day. Each course is for up to 8 students. Includes trainers daily training expenses and travel.	-	\$	-	\$	-
-	VESTA Essentials Incentive	-	\$	-	\$	-
VEC-INCENTIVE	VESTA ESSENTIALS M&R 1YR INCENTIVE	1	\$	(11,000.00)	\$	(11,000.00)
-	Misc Cables and Connectors	1	\$	1,176.47	\$	1,176.47
-		-	\$	-	\$	-
	Parts				\$	209,307.19
	Miscellaneous				\$	-
	Shipping				\$	2,269.54
	Parts Subtotal				\$	211,576.73
	Labor				\$	33,796.00
	Vendor Support (See Vsupport Tab for Details)				\$	-
	TOTAL PRICE				\$	245,372.73
All Products listed on this Quote are governed by the Standard Terms and Conditions for Communications Services and the Equipment Sales Product Annex, both posted to http://about.centurylink.com/legal/rates_conditions.html						



CenturyLink

Customer Legal Name: Warren County Sheriff's Office

Customer Billing Name: Warren County Sheriff's Office

200 SKYLINE VISTA DR

FRONT ROYAL

VA, 22630

Valid Until November 26, 2017

Quote-Build #: BUDGETARY ONLY QUOTE-NIBS

Description of Work

Airbus introduced the Sentinel Patriot solution to customers in 2006. This document outlines several important elements including the benefits of migrating to the VESTA® 9-1-1 solution, the lifecycle dates for the Sentinel Patriot system, support plans, important milestone dates, part number information, ordering information and how to contact us.

to be Performed:

Optional Items
No Additional Labor IF Options Purchased With Initial System

Equipment pricing shown is based upon direct sale accompanied by new Centurion Maintenance contract on same.

Part Number	Description	Quantity	Unit Price	Extended Price
-	VESTA® SMS	-	\$ -	\$ -
-	Note: Customer is responsible for Text Control Center (TCC) services and network charges.	-	\$ -	\$ -
870891-66301	VESTA 9-1-1 SMS LIC	2	\$ -	\$ -
03800-03040	FIREWALL MODEM 60D	2	\$ 511.76	\$ 1,023.52
03800-03045	WARR FIREWALL 60D 5YR	2	\$ 788.24	\$ 1,576.48
809800-00200	CFG NTWK DEVICE	2	\$ 156.47	\$ 312.94
-	Note: Includes (2) ASN/SMS Servers, (2) Firewalls for EIM/SMS	-	\$ -	\$ -
809800-16170	M&R 3.0 IP DEV SRVC 5YR	4	\$ 1,821.18	\$ 7,284.72
-	Services to Support VESTA® SMS	-	\$ -	\$ -
809800-SMSSVCS-EC	VESTA SMS IMP SVCS - EXP W/CUT SPT	1	\$ 17,816.47	\$ 17,816.47
-	Note: Remote Field Engineering support to perform the configuration of VESTA® SMS. Services include: 60D Firewall configuration, VESTA 9-1-1/VESTA SMS configuration, import of VESTA® SMS VMs (if applicable), upgrade of VESTA® Analytics (if applicable), preparation of screen layouts, TCC testing, one SMS Admin Delta Training course, onsite SMS cutover support and remote Project Management. Customer is responsible for the installation of any hardware, VESTA® SMS configuration changes, workstation upgrades, system testing, TCC services, and network charges.	-	\$ -	\$ -

000001-06801	V9-1-1 SMS AGENT DELTA TR	2	\$ 705.88	\$ 1,411.76
-	Note: VESTA® SMS Agent Delta training for agents. Includes (1) 2 hour class	-	\$ -	\$ -
-	SMS Sub-Total	-	-	\$ 29,425.89
-	Time Synchronization Equipment	-	\$ -	\$ -
-	Note: Customer to provide NTP compliant time sync equipment.	-	\$ -	\$ -
04000-19486	NETCLOCK 9483A + 3-PORT	1	\$ 6,697.65	\$ 6,697.65
04000-08230	GPS/GNSS OUTDOOR ANTENNA	1	\$ 381.18	\$ 381.18
04000-08231	GPS ANTENNA POST MT KIT	1	\$ 109.41	\$ 109.41
04000-08228	GPS ANTENNA SURG PROTECTR	1	\$ 330.59	\$ 330.59
04000-20601	GND KIT FOR 8226	1	\$ 462.35	\$ 462.35
04000-13025	CBL GPS ANTENNA 25FT	1	\$ 184.71	\$ 184.71
04000-13100	CBL GPS ANTENNA 100FT	1	\$ 495.29	\$ 495.29
-	Netclock SubTotal	-	-	\$ 8,661.18
-	-	-	\$ -	\$ -
TOTAL PRICE				\$ 38,087.07



CENTURYLINK
CenturyLink Centurion Maintenance

Valid Until November 26, 2017

Contract Term: 60 Months

All Services listed on this Quote are governed by the Standard Terms and Conditions for Communications Services and the CenturyLink™ Centurion Maintenance Service Annex, both posted to http://about.centurylink.com/legal/rates_conditions.html.

Customer Legal Name: Warren County Sheriff's Office

Customer Billing Name: Warren County Sheriff's Office

200 SKYLINE VISTA DR

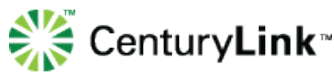
FRONT ROYAL

VA , 22630

Quote-Build #: BUDGETARY ONLY QUOTE-NIBS

Engineer Selected

Part Number	Description	Quantity	Annual Standard Rate		Annual Extended Rate		Best Value Rate - Year 1		Best Value Rate - Year 2+	
			Unit	Total	Unit	Total	Unit	Total	Unit	Total
-	-	-								
04000-00159	BLKBX TL159A 8-PORT DATACAST	1			\$	10,271.44	\$	10,271.44		
65000-00262	KIT CBL RJ11 ADPTR DB25	1								
03800-03040	FIREWALL MODEM 60D	2								
853031-MLBRMSG	V-ML ESS BKR MED SNGL BNDL	1								
853031-ESSSTDWKST	V911 ESS STD WKST BNDL	5								
65000-00197	KIT CBL DP/USB 15FT EXT	5								
833401-00301G-15	CBL INTFC SAM SPKR 15FT	5								
02800-20500	HDST 4W MOD ELEC MIC BLK	5								
03044-20000	HDST CORD 12FT 4W MOD BLK	5								
2213936-1-SR1	FXO GATEWAY 4-PORT	1								
2213938-1-SR1	FXS GATEWAY 4-PORT	1								
61000-819204	DKTP PRODESK G3 MINI W10	1								
64000-00500	MNTR MTG BRKT	1								
63000-202901	MNTR FP LED 20IN MTG	1								
61000-819204	DKTP PRODESK G3 MINI W10	1								
63000-202901	MNTR FP LED 20IN MTG	1								
64000-00500	MNTR MTG BRKT	1								
660001-00032	EXTERNAL SPEAKERS	1								
800926-00103G	ADPTR 2 PRONG TO MOD JACK	1								
830808-01201	SAM BASIC JKBX KIT W/CBL	1								
833401-00301G-10	CBL INTFC SAM SPKR 10FT	1								
850808-00902	SOUND ARBITRATION MOD SAM	1								
04000-01049	SWITCH HP-1820 24-PORT	1								
2213936-SPARE	FXO GATEWAY 4-PORT SPARE	1								
2213938-SPARE	FXS GATEWAY 4-PORT SPARE	1								
-	Optional Netclock Maintenance	-	\$	-	\$	-	\$	-	\$	-
04000-19486	NETCLOCK 9483A + 3-PORT	1			\$	946.54	\$	946.54		
04000-08230	GPS/GNSS OUTDOOR ANTENNA	1								
04000-08231	GPS ANTENNA POST MT KIT	1								
04000-08228	GPS ANTENNA SURG PROTECTR	1								
04000-20601	GND KIT FOR 8226	1								
04000-13025	CBL GPS ANTENNA 25FT	1								
04000-13100	CBL GPS ANTENNA 100FT	1								
-	-	-								
-	-	-	\$	-	\$	-	\$	-	\$	-
-	-	-	\$	-	\$	-	\$	-	\$	-
-	-	-	\$	-	\$	-	\$	-	\$	-
SUBTOTAL: ANNUAL RECURRING EQUIPMENT COVERAGE.....					\$	11,217.98	\$	-	\$	-
SUBTOTAL: ANNUAL ON SITE TECHNICIAN COVERAGE.....			\$	-	\$	-	\$	-	\$	-
TOTAL ANNUAL RECURRING COVERAGE CHARGES					\$	11,217.98	\$	-	\$	-
TOTAL <u>CONTRACT TERM</u> RECURRING COVERAGE CHARGES					\$	56,089.90	\$	-	\$	-



Project Description

Airbus introduced the Sentinel Patriot solution to customers in 2006. This document outlines several important elements including the benefits of migrating to the VESTA® 9-1-1 solution, the lifecycle dates for the Sentinel Patriot system, support plans, important milestone dates, part number information, ordering information and how to contact us.

CenturyLink Responsibility:

1. In conjunction with the customer, gather existing data and voice infrastructure information via the Site survey process. (Where applicable)
 - a. Site addresses
 - b. Physical and logical network topology (LAN, WAN, WLAN, PSTN) configurations
 - c. Quality of Service, VLANS, Security, etc.
 - d. Existing fault tolerance and redundancy
 - e. Identify existing legacy platforms
 - f. Identify applicable 3rd party application requirements.
 - g. Collect & review floor plans received from customer.
2. Document all network/applications risks/gaps, and ensure that the customer is made aware of risks/gaps.
3. Provide a single point of contact ("CenturyLink Project Manager") for all issues relating to the implementation services.
4. All final project documentation has been given to the customer contact. This includes, but not limited to final system layout, network drawings, service numbers, CenturyLink contact information, training rosters, IP addresses, and server configurations.
5. Provide customer with CenturyLink's specifications relating to the environmental requirements of the site (including but not limited to power supplies, air conditioning, and physical location, temperature, electrical, humidity, air filtering).
6. All equipment and applications as defined in this scope of work and the sales contract are working per vendor and industry standards. This also includes any additions or deletions for Job Change Order (JCO) activity.

Customer Responsibility:

1. Provide an adequate environment (room, power, light & temperature) for equipment per CenturyLink / Manufacturer's specifications. (See attachments)
2. Supply the workplace policies and environmental conditions in effect at the customer site(s).
3. Determine and allocate a safe, secure, and appropriate environment for storing the received equipment until onsite implementation and deployment.
4. Provide accurate cable and equipment records. Defective, non-standard or improperly installed cabling will not be used. Any corrective work (by CenturyLink) required to make the solution function properly will be billed on a time and material basis to the customer.
5. Provide location and WLAN access and information to CenturyLink in order for CenturyLink to assess WLAN environment relative to the proposed solution and associated applications.
6. Satisfactorily address WLAN assessment findings prior to implementation and sign off that the WLAN environment is acceptable.
7. Provide current protocol addressing scheme and current network diagram if applicable.

8. Gather and provide to CenturyLink all necessary and applicable network documentation, network access and information required for CenturyLink to provide a network, application and operational readiness analysis.
9. When requested by CenturyLink, provide current customer site building layouts, including the floor plans, location of cables, cable records and power sources.
10. Provide information and documentation required by CenturyLink within the specified timeframe agreed upon by CenturyLink and customer.
11. Provide a safe working environment.
12. Provide working hour access to customer owned facilities
13. Any Telco demarcation extension; unless documented in this Scope of Work.
14. Notify CenturyLink of any hardware and/or software upgrades or any other scheduled implementation activities within the customer's network at least ten (10) business days prior to and during the scheduled installation.
15. Suspend customer moves, adds, and changes (5) working days prior to installation date.
16. Provide remote access to equipment via either VPN or dial-up line.
17. Designate a single point of contact to whom all CenturyLink communications may be addressed and who has authority to act on all aspects of the services for approval of all Job Change Orders/Notices. Designate a backup when the customer contact is not available who has the authority to act on all aspects of the services in the absence of the primary contact.
18. Designate a facilities resource to expedite access to areas deemed secure.
19. With CenturyLink, review system requirements relative to bill of materials, scope of work, project implementation plan, and business and technical objectives.
20. Satisfactorily address identified network, application and operational readiness risks or gaps as identified by the CenturyLink team. Failure to address issues by date specified may result in project delay and additional time and materials billing.
21. Participate in implementation plan review and ensure customer assigned responsibilities are assigned and prioritized with the appropriate resources.
22. Identify internal resources to participate in system acceptance testing when necessary.
23. Sign off on test plan and acceptance criteria
24. Collaborate with CenturyLink to develop staff training plan. Sign off that the Staff training plan is acceptable; deviations will result in additional billing on a time and material basis. Insure all personnel attend training as outlined in the training plan.
25. Customer is responsible for all returns to their current leasing companies
26. Racking and stacking of equipment.
27. Installation of UPS system
28. Operation and maintenance of any and all equipment, not specified in an CenturyLink maintenance agreement, will be the customer's responsibility.

Change Management Policy:

Changes to the scope or deliverables of this project will not be made without review and written approval by CenturyLink. All changes to scope or price will only be accepted through a change order. Requests for such changes may be initiated by the customer or CenturyLink.

Change Management Procedures

A change order must be documented by the requesting party, including the following:

- Description of the change

- Reason for the change

- Anticipated effect the change will have on the scope of work, resources and delivery schedule.

The designated Project Manager, Sr. Project Manager or Program Manager of the requesting party will review the proposed change with his/her counterpart(s). All parties will evaluate and negotiate in good faith the changes to be made and the additional charges or billing arrangements, if any, to implement them.

Upon execution, the approved Change Order will be incorporated into, and made a part of, this Statement of Work and any previously approved pertinent Change Orders. Project manager is responsible for documenting any such changes.

Change Management Precedence

the original scope of work represented by this Statement of Work and other previously incorporated Change Orders, the terms and conditions of the most recently approved Change Order will prevail.

Restocking Fee

Order Cancellation or Return of Equipment. In CenturyLink’s sole discretion, Equipment may be returned by Customer with prior approval and specific shipping instructions from CenturyLink, and must be in original manufacturer’s boxes or packaging for CenturyLink to accept the return. In addition to all other applicable charges, Customer will pay CenturyLink a restock charge of 25% of the purchase price as liquidated damages, and not as a penalty, upon the return of Equipment if the return is due to a Customer ordering error or Customer’s late cancellation of an order. Customer is responsible for any damage to the Equipment while in Customer’s possession or during return shipment to CenturyLink.

Pre-Delivery. If Customer repudiates, gives notice of cancellation, or otherwise breaches this Annex prior to delivery of the Equipment, Customer will pay CenturyLink as liquidated damages, and not as a penalty, 25% of the purchase price or CenturyLink’s out of pocket costs incurred as a result of Customer’s cancellation, whichever is greater

Post-Delivery. If Customer breaches this SoW after delivery of the Equipment, CenturyLink may, in addition to any other remedies available to CenturyLink: (a) declare all sums due and payable immediately; (b) discontinue discounts related to Equipment; (c) cease installation or delivery or disconnect and deactivate Equipment until amounts due are paid; or (d) retake possession of Equipment and retain all sums paid by Customer as a setoff against expenses incurred.

Drop Ship. Purchases where CenturyLink will not be providing installation (“Drop Ship”) may not be cancelled following order placement without prior written authorization of CenturyLink or assignment of a return authorization number (“Call Tag Number”).

CenturyLink Scope of Work Acceptance:

Customer agrees to all information and requirements within this Scope of Work.

CenturyLink Implementation Approval: _____
Date: _____

Customer Acceptance: _____
Date: _____

** BSM to retain copy for records

Customer Notes / Project Description

Airbus introduced the Sentinel Patriot solution to customers in 2006. This document outlines several important elements including the benefits of migrating to the VESTA® 9-1-1 solution, the lifecycle dates for the Sentinel Patriot system, support plans, important milestone dates, part number information, ordering information and how to contact us.

SUMMARY OF PRODUCT LIFECYCLE DATES:

	Milestone	Description	Effective Date
End of Sale	End of Sale (EoS)	The final date on which a product version will be available for sale.	Immediately
	End of Expansion Quote*	The final date to obtain quotes for expansion parts and spares.	Dec 31, 2017 or while supplies last, whichever is sooner
	End of Expansion Sale*	The final date on which expansion parts and spares will be available for sale.	April 30, 2018 or while supplies last, whichever is sooner

AIRBUS DS Communications

NG9-1-1 PRODUCT MIGRATION ANNOUNCEMENT

DOCUMENT ID: PAT170612
 TITLE: SENTINEL® PATRIOT® MIGRATION TO VESTA® 9-1-1
 EFFECTIVE DATE: JUNE 12, 2017

MIGRATION TO NEXT GENERATION 9-1-1

With the world of mission-critical communications ever-changing, Airbus DS Communications remains committed to helping you create smarter ways to keep all your communities safe with the latest technology. With the discontinuation of Sentinel® Patriot®, we want to ensure you are aware and prepared for the next steps.

Airbus introduced the Sentinel Patriot solution to customers in 2006. This document outlines several important elements including the benefits of migrating to the [VESTA® 9-1-1](#) solution, the lifecycle dates for the Sentinel Patriot system, support plans, important milestone dates, part number information, ordering information and how to contact us.

Already being used by over 12,000 Public Safety Answering Point (PSAP) positions, the VESTA 9-1-1 solution provides a new level of flexibility and efficiency for 9-1-1 Calltakers while ensuring your PSAP has a solid foundation for Next Generation technology.

Below are some key features of the [VESTA® 9-1-1](#) solution.

FEATURE	FEATURE SUMMARY
➤ Enables cost-effective scalability	Supports single-site installations, and geo-diverse, multi-site and multi-agency deployments.
➤ Feature rich user interface	Intuitive and easy to use. The console user interface is fully customizable.
➤ Integrated text to 9-1-1	Provides integrated text-to-911 functionality that delivers reliable, easy to use texting and minimizes training
➤ Highly reliable	No single point of failure. Automatic server switchover, full-featured “hot” redundant ANI/ALI controllers and dual network connections for maximum redundancy.
➤ Virtualized platform	Virtual machine technology that allows multiple applications to share hardware and thus reducing the use of hardware for servers and workstations.
➤ Extensive queue capacity	Scalability and growth to accommodate the needs of growing PSAP.

FEATURE	FEATURE SUMMARY
➤ Contact Manager	Allows administrators to manage contact lists, contacts, groups and contexts.
➤ Roaming profiles	Allows users to log on anywhere on the VESTA® system to access their specific console layout.
➤ Highest quality audio	Sound Arbitration module (SAM) manages the audio for VESTA 9-1-1 and controls the external audio devices.

SUPPORT PLANS

Below is a schedule for the discontinuation of Sentinel Patriot sales, support plans, milestone dates and part number information and ordering information.

End of New System Sales:

Airbus will no longer accept orders for new Sentinel Patriot systems effective immediately. The terms of this announcement are as follows:

- New quotes: Effective immediately, Airbus DS Communications will no longer provide quotes for new Sentinel Patriot systems.
- Existing orders: All existing orders will be honored as is.

Support for Embedded Base:

Airbus appreciates our loyal customers and recognizes the need to plan for solution changes. We have structured our on-going support to facilitate that transition by continuing to support our customer through:

- Spare parts
- Existing support contracts
- Repair
- Technical Support

Airbus will continue to honor existing support per the terms of the customer's contract with Airbus. If additional support is required beyond the End of Support Delivery date that is specified below, Custom Extended Support is available for purchase. Contact Sales Configuration at Quotes@Airbus-DSComm.com for pricing information.

SUMMARY OF PRODUCT LIFECYCLE DATES:

	Milestone	Description	Effective Date
End of Sale	End of Sale (EoS)	The final date on which a product version will be available for sale.	Immediately
	End of Expansion Quote*	The final date to obtain quotes for expansion parts and spares.	Dec 31, 2017 or while supplies last, whichever is sooner
	End of Expansion Sale*	The final date on which expansion parts and spares will be available for sale.	April 30, 2018 or while supplies last, whichever is sooner

	Milestone	Description	Effective Date
End of Support	End of Support Delivery (EoSd)	The last date to receive support for the product. Airbus DS Communications will provide best effort attempt to resolve any issues beyond the given date. Airbus DS Communications will continue to support existing customers per the terms of the customer's contracts with Airbus DS Communications.	Dec 31, 2019
Extended Support	End of Custom Extended Support	Optional Custom Extended Support can be purchased once the End of Support Delivery date has been reached. Terms and conditions of the Custom Extended Support Program apply.	Jan 1, 2023

PART NUMBER INFORMATION

The following part numbers are discontinued effective immediately.

PART NUMBER	DESCRIPTION
873099-00103.3	SENT PAT 3.3 L/D/M
873099-03001	PAT/CM CAD INTF LIC
873091-00801	SENT PAT LIC I3 EIM LIC
873091-00701	SENT PAT RFAI EIM LIC
873099-00303.0	PAT 3.X PER SEAT LIC
809800-35003	PAT 3.X SW SPT 3YR
809800-35004	PAT 3.X SW SPT 4YR
809800-35005	PAT 3.X SW SPT 5YR
809800-35008	PAT 3.X SW SPT 3YR NPCML
809800-35009	PAT 3.X SW SPT 4YR NPCML
809800-35010	PAT 3.X SW SPT 5YR NPCML
873099-00501	PAT/CM IRR LIC/DOC/MED
809800-35018	PAT/CM IRR SW SPT 3YR
809800-35019	PAT/CM IRR SW SPT 4YR
809800-35020	PAT/CM IRR SW SPT 5YR
809800-35023	PAT/CM IRR SPT 3YR NPCML
809800-35024	PAT/CM IRR SPT 4YR NPCML
809800-35025	PAT/CM IRR SPT 5YR NPCML

PART NUMBER	DESCRIPTION
873099-00901	PAT STATS VIEW SW LIC
873099-01001	PAT STATS DATA CLCTN LIC
809800-35038	PAT STATS SW SPT 3 YR
809800-35039	PAT STATS SW SPT 4YR
809800-35040	PAT STATS SW SPT 5YR
809800-35043	PAT STATS SPT 3YR NPCML
809800-35044	PAT STATS SPT 4YR NPCML
809800-35045	PAT STATS SPT 5YR NPCML
873099-00801	PAT AGENT MNTR LIC
809800-35028	SEN MNTR SW SPT 3YR
809800-35029	SEN MNTR SW SPT 4YR
809800-35030	SEN MNTR SW SPT 5YR
809800-35033	SEN MNTR SPT 3YR NPCML
809800-35034	SEN MNTR SPT 4YR NPCML
809800-35035	SEN MNTR SPT 5YR NPCML
873099-00601	PAT/CM CDR SVR LIC
873099-01101	PAT/CM CDR PER SEAT LIC
873010-00101	PAT ADMIN PHN LIC
873010-00201	PAT VM LIC PER MAILBOX
809800-07803	CPOST SW SPT 3YR
809800-07804	CPOST SW SPT 4YR
809800-07805	CPOST SW SPT 5YR

The following part numbers are available for ordering to support existing customers in accordance with the End of Support Contract Renewal Milestone:

PART NUMBER	DESCRIPTION
809800-35001	PAT 3.X SW SPT 1YR
809800-35002	PAT 3.X SW SPT 2YR
809800-35006	PAT 3.X SW SPT 1YR NPCML
809800-35007	PAT 3.X SW SPT 2YR NPCML

PART NUMBER	DESCRIPTION
809800-35016	PAT/CM IRR SW SPT 1YR
809800-35017	PAT/CM IRR SW SPT 2YR
809800-35021	PAT/CM IRR SPT 1YR NPCML
809800-35022	PAT/CM IRR SPT 2YR NPCML
809800-35036	PAT STATS SW SPT 1 YR
809800-35037	PAT STATS SW SPT 2 YR
809800-35041	PAT STATS SPT 1YR NPCML
809800-35042	PAT STATS SPT 2YR NPCML
809800-35026	SEN MNTR SW SPT 1YR
809800-35027	SEN MNTR SW SPT 2YR
809800-35031	SEN MNTR SPT 1YR NPCML
809800-35032	SEN MNTR SPT 2YR NPCML
809800-07801	CPOST SW SPT 1YR
809800-07802	CPOST SW SPT 2YR

To place an order, please email InsideSales@Airbus-DSComm.com or call Airbus Order Management team at 800.491.1734. Please allow 6-8 weeks for delivery after receipt of order (ARO). This PDN is effective immediately.

SUPPORT

Individuals requiring assistance or information regarding this PDN may contact Airbus Technical Support team at 800.491.1734. Please select '2' for Technical Support and listen for the product announcements. You can also contact Technical Support via email at Tsupport@Airbus-DSComm.com. Emails received will be responded to within 24 hours.

CLOSING

Your immediate attention to this matter is greatly appreciated. Should you have questions or require further assistance, please contact us at 951.719.2100 or ProductLineManagement@Airbus-DSComm.com. We appreciate your continued support of our products and look forward to working with you in the continued evolution of Airbus technology.

– The Airbus DS Communications Product Team