



# PSAP Grant Committee Meeting

FY18 Grant Application Cycle

December 8, 2016



# Agenda

1. Call to Order
2. September 15<sup>th</sup> Minutes
3. FY18 Application Review
4. PSAP Grant Program's Role in NG 9-1-1
5. Metrics for PSAP Grant Program
6. Committee Report to the Board
7. Public Comment
8. Adjourn



# Consensus Applications Recommended for Funding (Met Guidelines as Submitted)





## Met Guidelines as Submitted

- There were a total of 169 FY18 grant applications received, of which 129 met the Guidelines without need for modification or further discussion.
- Staff is seeking consensus from the PGC on the 129 applications.



# Consensus Applications Recommended for Funding (Met Guidelines with Modifications)





# Met Guidelines w/ Modifications

There were 23 applications that met the Guidelines with minor modifications post-submission.



# Met Guidelines w/ Modifications

PSAP	Project Title	Amount Requested	Total Project Cost	Amount Recommended	Modifications Made Post-Submission
Westmoreland	Westmoreland County Call Handling Equipment (CHE) Replacement	\$150,000.00	\$186,891.16	\$150,000.00	Tier changes to TO since no NVS letter was received by the PSAP.
Caroline	Preparation of Public Safety GIS and Location Data for NG911 Support	\$140,790.00	\$140,790.00	\$53,590.00	Amount recommended adjusted to remove field verification, ancillary thoroughfares and data maintenance.
Fredericksburg	Preparation of Public Safety GIS and Location Data for NG911 Support	\$110,594.00	\$110,594.00	\$51,854.00	Amount recommended adjusted to remove field verification and data maintenance.
Hopewell	Preparation of Public Safety GIS and Location Data for NG911 Support	\$125,760.00	\$125,760.00	\$58,465.00	Amount recommended adjusted to remove field verification, ancillary thoroughfares and data maintenance.
Powhatan	Preparation of Public Safety GIS and Location Data for NG911 Support	\$142,380.00	\$142,380.00	\$73,180.00	Amount recommended adjusted to remove field verification, ancillary thoroughfares and data maintenance.
Surry	NG9-1-1 GIS Data	\$144,250.00	\$144,250.00	\$81,400.00	Amount recommended adjusted to remove field verification, ancillary thoroughfares and data maintenance. PSAP disagrees with this recommendation and wishes to present to the PGC.
Brunswick	Brunswick County Mapping System Replacement	\$117,334.00	\$117,334.00	\$117,334.00	Revised budget narrative provided by PSAP to remove Mobile Mapping and AVL.
Greensville	Greensville Computer Aided Dispatch Replacement	\$150,000.00	\$161,662.30	\$150,000.00	PSAP notified that NCIC License not eligible for funding, but no impact on amount recommended.



# Met Guidelines w/ Modifications

PSAP	Project Title	Amount Requested	Total Project Cost	Amount Recommended	Modifications Made Post-Submission
Wythe	Modernization of 911 Recording System	\$40,000.00	\$42,050.00	\$40,000.00	Timeline clarified to be in FY2018 not FY2017.
Clarke	Vesta 9-1-1 Hardware Refresh	\$102,419.64	\$102,419.64	\$92,791.07	Amount recommended adjusted to remove Call Accounting/MIS and tier changed to TO.
Goochland	E-911 System Upgrade	\$150,000.00	\$210,717.00	\$150,000.00	Tier changes to TO since no NVS letter was received by the PSAP.
Botetourt	Mapping/CAD system equipment replacement	\$30,037.42	\$30,037.42	\$32,713.36	Amount recommended adjusted due to calculation error.
Franklin County	Franklin County Mapping Workstation Replacement	\$80,106.60	\$80,106.60	\$88,117.26	Amount recommended adjusted due to calculation error.
Radford	GIS / Mapping Software / Hardware Upgrade	\$150,000.00	\$150,000.00	\$150,000.00	Tier changes to TO since no NVS letter was received by the PSAP.
King and Queen	Upper Middle Peninsula Regional CAD Replacement Project	\$127,000.00	\$217,000.00	\$85,000.00	Amount recommended adjusted to remove export interfaces.
Buckingham	CAD	\$150,000.00	\$181,300.00	\$150,000.00	PSAP notified that NCIC interface not eligible for funding, but no impact on amount recommended.





# Met Guidelines w/ Modifications

PSAP	Project Title	Amount Requested	Total Project Cost	Amount Recommended	Modifications Made Post-Submission
Campbell	CAD	\$150,000.00	\$300,910.00	\$150,000.00	PSAP notified that ImageTrend and EMD interfaces not eligible for funding, but no impact on amount recommended.
King William	CAD	\$150,000.00	\$338,140.00	\$150,000.00	Tier changes to TO since no NVS letter was received by the PSAP.
Middlesex	CAD Replacement	\$150,000.00	\$151,525.00	\$150,000.00	Project cost adjusted due to calculation error.
Nelson	Computer Aided Dispatch System Replacement	\$150,000.00	\$202,508.75	\$150,000.00	PSAP notified that NCIC interfaces not eligible for funding, but no impact on amount recommended.
Rockbridge	CAD software replacement	\$150,000.00	\$650,000.00	\$150,000.00	Tier changes to TO since no NVS letter was received by the PSAP. PSAP notified that the application includes items not eligible for funding, but no impact on amount recommended.
Sussex	CAD	\$150,000.00	\$300,000.00	\$150,000.00	Timeline clarified to be in FY2018 not FY2017.
Wythe	Wythe County Consolidated Dispatch Center – CAD System	\$110,000.00	\$824,000.00	\$110,000.00	Tier changes to TO since no NVS letter was received by the PSAP. Timeline clarified to be in FY2018 not FY2017.



# Applications Not Recommended





## Applications Not Recommended

- Withdrew their application or failed to meet the FY18 PSAP Grant Guidelines:
  - Isle of Wight - Withdrawn in favor of individual grants 18-167 and 18-168
  - King George - Withdrawn due to award of FY2017 Emergency grant
  - Manassas Park - Manassas Park is not eligible for the PSAP Grant Program
  - Franklin County - Withdrawn by PSAP
  - Newport News – Withdrawn by locality - cannot seek both consolidation and an individual grant in the same year



# Applications Needing Further Discussion





# Applications Needing PGC Input

During the administrative review of the FY18 applications, there were 12 applications identified need further review or PGC input for recommendation.



# Applications Needing PGC Input

PSAP	Tier	Project Focus	Rank	Amount Requested	Total Project Cost	Amount Recommended	Need Review by PGC
Franklin City	N/A	NG9-1-1 GIS	11	\$299,560.00	\$299,560.00	\$106,880.00	Amount recommended adjusted to remove field verification, ancillary thoroughfares, routable networks, network analysis, and data maintenance. PSAP disagrees with this recommendation and wishes to present to the PGC.
King and Queen	N/A	NG9-1-1 GIS	11	\$515,728.86	\$645,369.86	\$515,728.86	Second phase of the shared service GIS project from FY2017. Board approval of FY2017 grant specifically defined this as not being multi-year funding.
Roanoke County	N/A	NG9-1-1 GIS	11	\$485,490.59	\$485,491.00	\$485,490.59	Second phase of the shared service GIS project from FY2017. Board approval of FY2017 grant specifically defined this as not being multi-year funding.
Tazewell	N/A	NG9-1-1 GIS	11	\$182,000.00	\$182,000.00	\$182,000.00	Second phase of the shared service GIS project from FY2017. Board approval of FY2017 grant specifically defined this as not being multi-year funding. Still waiting on a revised MJA to include a signature from Buchanan
Eastern Shore	N/A	NG9-1-1 GIS	12	\$149,280.00	\$149,280.00	\$60,080.00	Amount recommended adjusted to remove field verification, ancillary thoroughfares and data maintenance. PSAP disagrees with this recommendation and wishes to present to the PGC.
Essex	N/A	NG9-1-1 GIS	12	\$139,920.00	\$139,920.00	\$33,770.00	Amount recommended adjusted to remove field verification. PSAP disagrees with this recommendation and wishes to present to the PGC.



# Applications Needing PGC Input

PSAP	Tier	Project Focus	Rank	Amount Requested	Total Project Cost	Amount Recommended	Need Review by PGC
Greensville	N/A	Consolidation	20	\$500,000.00	unknown	\$500,000.00	Greensville and Emporia have submitted both an individual and a consolidation grant. Feasibility Study is in progress and will be completed before the Board approves the grants in January. PSAPs will determine which grant to take forward at that time.
Lancaster	TO	CAD	26	\$349,750.00	\$349,750.00	\$339,750.00	Tier changes to TO since no NVS letter was received by the PSAP. Recommended amount adjusted to remove EMD interface.
Emporia	TO	CAD	27	\$150,000.00	\$325,590.00	\$150,000.00	Submitted as individual grant but recommend merging with Greensville grant as Share Services. Also, splitting CAD/mapping from same vendor over two years. Contingent on Consolidation Grant.
Twin County	TO	CAD	27	\$150,000.00	\$306,880.00	\$150,000.00	PSAP notified that ImageTrend and EMD interfaces not eligible for funding, but no impact on amount recommended. PSAP disagrees with this recommendation and wishes to present to the PGC.
Gloucester	NVS	Call Handling Equipment	10	\$150,000.00	\$270,000.00	\$150,000.00	Application was originally submitted with Isle of Wight as a shared services grant by the deadline, but was split to individual grants after the deadline.
Isle of Wight	TO	Call Handling Equipment	23	\$150,000.00	\$270,000.00	\$150,000.00	Application was originally submitted with Gloucester as a shared services grant by the deadline, but was split to individual grants after the deadline. Also, Tier modified to TO since no NVS documentation was provided.



# PSAP Grant Program's Role in NG 9-1-1







# Potential NG9-1-1 Funding Scenario

Deployment Year	Prior Investments 2016	Deployment Year 1 2017	Deployment Year 2 2018	Deployment Year 3 2019	Deployment Year 4 2020	Deployment Year 5 2021	Total	Post Deployment Year 2022	Post Deployment Year 2023	
NG9-1-1 Deployment Costs (Local/State)		\$6,343,325	\$17,279,548	\$21,986,322	\$9,474,152	\$14,045,193	\$69,128,540			
		Incur One-Time Deployment Costs							Pay Down One-time Costs	
Billing Agreement		\$0	\$1,000,000	\$2,000,000	\$3,000,000	\$4,000,000	\$10,000,000	\$4,000,000	\$4,000,000	
PSAP Grant Program	\$500,000.00	\$1,225,000	\$3,200,000	\$8,000,000	\$8,000,000	\$8,000,000	\$28,425,000	\$8,000,000	\$8,000,000	
Elimination of Cost Recovery		\$0	\$0	\$3,000,000	\$3,000,000	\$3,000,000	\$9,000,000	\$3,000,000	\$3,000,000	
Network Improvements		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$1,000,000	\$1,000,000	
Funding Gap		-\$4,118,325	-\$12,079,548	-\$7,986,322	\$5,525,848	\$1,954,807	-\$16,703,540	-\$703,540	\$15,296,460	



# PSAP Grant Program Metrics





# PSAP Grant Program Metrics

- In order to measure the performance of the PSAP Grant Program, ISP and the PGC established preliminary performance metrics. Performance of the PSAP Grant Program is currently defined as the ability to meet the needs of the PSAPs.



## PSAP Grant Program Metrics

- Using the following critical grant priorities, ISP reviewed the past three (3) funding cycles by:
  - CHE
  - GIS Data (including GIS High/Medium/Low)
  - GIS/Mapping Hardware/Software (including primary mapping system)
  - CAD
  - Text to 9-1-1
  - Voice Logging
  - Other (all other grant program types)



## PSAP Grant Program Metrics

- Based on these grant priorities, ISP created metrics based on the following data elements (by year and aggregate data results):
  - Number of grants awarded for critical grant program priorities
  - Number of grants awarded by region
  - Number of grants awarded by grant type (individual and regional/shared services, including number of PSAP participants)
  - Number of grant applications for which funding was not received by, region, priority type, and grant type
  - Population served based on the number of localities participating in individual and shared services (including regional) projects.



# Metric Totals – FY15

	Total # of Grants Funded	Total Population Served	Total Amount Funded	Percentage of Total Funding
<b>FY15 ( 83 Total Submissions)</b>	80	4,615,102	\$7,604,529.83	
<b>Region 1</b>	14	625,093	\$1,424,980.00	18.74%
<b>Region 2</b>	14	843,376	\$1,181,252.22	15.53%
<b>Region 3</b>	11	444,834	\$771,790.31	10.15%
<b>Region 4</b>	15	422,358	\$1,249,979.16	16.44%
<b>Region 5</b>	15	1,480,622	\$1,382,108.62	18.17%
<b>Region 6</b>	10	549,958	\$1,571,059.52	20.66%
<b>Region 7</b>	1	248,861	\$23,360.00	0.31%
<b>CHE</b>	19	1,064,772	\$2,745,509.36	36.10%
<b>GIS Data</b>	12	284,139	\$704,454.00	9.26%
<b>GIS/Mapping Hardware/Software</b>	11	588,300	\$1,337,892.16	17.59%
<b>CAD</b>	6	442,548	\$526,338.28	6.92%
<b>Text-to-9-1-1</b>	1	191,745	\$325,000.00	4.27%
<b>Voice Logging</b>	14	349,550	\$816,763.84	10.74%
<b>Other</b>	17	1,694,048	\$1,148,572.19	15.10%
<b>Individual</b>	74	3,713,531	\$5,794,529.83	76.20%
<b>Shared Services</b>	6	901,571	\$1,810,000.00	23.80%



# Metric Totals – FY16

	Total # of Grants Funded	Total Population Served	Total Amount Funded	Percentage of Total Funding
<b>FY16 ( 73 Total Submissions)</b>	72	7,473,261	\$7,569,534.20	
<b>Region 1</b>	12	324,842	\$659,916.40	8.72%
<b>Region 2</b>	13	811,236	\$1,136,241.20	15.01%
<b>Region 3</b>	12	438,157	\$674,483.97	8.91%
<b>Region 4</b>	14	715,734	\$2,304,843.78	30.45%
<b>Region 5</b>	9	750,808	\$1,246,977.10	16.47%
<b>Region 6</b>	9	489,619	\$1,047,071.75	13.83%
<b>Region 7</b>	3	3,977,706	\$650,000.00	8.59%
<b>CHE</b>	13	698,743	\$2,134,687.00	28.20%
<b>GIS Data</b>	7	2,804,911	\$687,192.40	9.08%
<b>GIS/Mapping Hardware/Software</b>	11	434,709	\$1,407,710.00	18.60%
<b>CAD</b>	10	576,965	\$1,404,259.00	18.55%
<b>Text-to-9-1-1</b>	1	34,015	\$20,672.00	0.27%
<b>Voice Logging</b>	17	1,965,021	\$1,370,470.77	18.11%
<b>Other</b>	12	958,897	\$544,543.03	7.19%
<b>Individual</b>	66	4,591,664	\$5,480,064.20	72.40%
<b>Shared Services</b>	6	2,916,438	\$2,239,470.00	29.59%



# Metric Totals – FY17

	Total # of Grants Funded	Total Population Served	Total Amount Funded	Percentage of Total Funding
<b>FY17 ( 72 Total Submissions)</b>	42	6,309,780	\$8,284,036.30	
<b>Region 1</b>	8	1,372,835	\$1,301,695.00	15.71%
<b>Region 2</b>	3	169,066	\$439,870.00	5.31%
<b>Region 3</b>	5	169,750	\$902,273.30	10.89%
<b>Region 4</b>	10	1,071,893	\$2,303,768.00	27.81%
<b>Region 5</b>	5	285,616	\$547,334.00	6.61%
<b>Region 6</b>	10	596,400	\$1,564,096.00	18.88%
<b>Region 7</b>	1	2,644,220	\$1,225,000.00	14.79%
<b>CHE</b>	17	3,782,623	\$4,446,291.30	53.67%
<b>GIS Data</b>	4	718,013	\$603,950.00	7.29%
<b>GIS/Mapping Hardware/Software</b>	10	297,328	\$1,592,209.00	19.22%
<b>CAD</b>	2	45,621	\$300,000.00	3.62%
<b>Text-to-9-1-1</b>	2	944,164	\$736,054.00	8.89%
<b>Voice Logging</b>	5	460,355	\$525,532.00	6.34%
<b>Other</b>	2	61,676	\$80,000.00	0.97%
<b>Individual</b>	31	1,439,926	\$4,017,314.30	48.49%
<b>Shared Services</b>	11	4,869,854	\$4,266,722.00	51.51%





## Analysis – Today

- Virginia's population is 8,545,904 based on recent statistics. This means that over the last three years, the PSAP Grant Program has served an average of 72% of the state's population through its funding of various critical 9-1-1 technologies.
- Since the FY15 PSAP Grant Program, which included funding for two Priority types, 26 Project types, and 66 Rankings, through the FY16 and FY17 Guidelines, the Board began to emphasize Shared Services projects versus Individual projects. In addition, the Board shifted heavily towards NG9-1-1 data and related services.



## Analysis – Today

- This is evident by looking at the almost 30% jump in Shared Services funding from FY15 to FY17, with roughly two-thirds of the projects falling into the NG9-1-1 data and/or related products and services.
- Region 4 has consistently been the major benefactor of the PSAP grant funding with the most number of grant awards each year. However, Region 7 has benefitted the most in actual grant funding dollars due its population base and the Shared Services projects they have undertaken as a region.



## Analysis – Moving Forward

- Establish grant performance metrics for best practices using a “score card” of grantees based on previous award. This will allow for improved grant management practices from programmatic standpoint.
- Implement similar practices currently being used by VDEM and OEMS with regarding to 14 measurement criterion used during peer review.
- Other additional data elements based on input received from the PSAP Grant Committee.



# Committee Report to the Board





## Conclusion

- Public Comment
- Determine 2017 meeting dates
  - February
  - April
  - September
  - December
- Adjourn