



Virginia Information Technologies Agency

# Wireless E-911 Services Board Meeting

General Business Meeting

July 23, 2009



# Agenda

1. Call to Order
2. Approval of Minutes
3. Financial Report
4. CMRS Report
5. FY 11 PSAP Grant Guidelines
6. Update on NG9-1-1 Pilots
7. ENHANCE 911 Act Grant Program
8. 9-1-1 Services RFP
9. 9-1-1 Strategic and Regional Plans
10. Coordinated Planning & Outreach
11. Old Business
12. New Business



# PSAP Grant Program Financials

- FY 08:
  - 6 recipients have not yet drawn down funding
  - \$5,331,100 in grant awards
  - \$1,136,520 outstanding award amount
- FY 09:
  - 25 recipients have not yet drawn down funding or have only made a partial funding request
  - \$9,326,004 in grant awards
  - \$3,525,108 outstanding award amount
- FY 10:
  - 185 projects totaling \$16,245,527



# CMRS Status Summary - Remaining

CMRS	Phase I	Phase II
Alltel	1	2
AT & T	0	1
Nextel	0	2
Nextel Partners	0	1
nTelos	0	2
Sprint	0	2
T-Mobile	1	3
U.S. Cellular	0	1
Verizon Wireless	0	2
<b>Total</b>	<b>2</b>	<b>16</b>



# FY 11 PSAP Grant Guidelines





## FY 11 Guidelines

- Staff has presented final draft of FY 11 PSAP Grant Guidelines to Board after review by AG's Office
- PSAP Grant Committee is seeking approval of Guidelines to include the following minor corrections:
  - In Appendix D – Enhancement Program Rankings, an entry needs to be made for "PSAP Individual Training" just before item #31 (GIS Low Priority – Out of Service). A ranking for this priority was not previously included.
  - In Appendix B - Priorities, the disclaimer for "PSAP Individual Training needs to include that priority will be given to funding requests to place in-state, multiple attendees at a location, over one person going to an out of state conference.



# Update on NG 9-1-1 Pilots





# ENHANCE 911 Act Grant Program





## Background

- \$43.1M appropriated for the implementation and operation of Phase II enhanced 911 services and for the migration to an IP-enabled emergency network in the ENHANCE 911 Act of 2004
- Minimum grant award for Virginia is \$758,028.12
- Final Rules for grant program were made available in Federal Register on June 5<sup>th</sup>
- Only states may apply
- 50% required match
- 60 day application period
- Report out on application development since Final Rules were posted



## State Plan

- The Commonwealth of Virginia is seeking funding for a project designed to establish a footprint for Next Generation hosted 9-1-1 services for Virginia PSAPs. Next Generation 9-1-1 is described in the U.S. Department of Transportation's *NG9-1-1 Preliminary Transition Plan* as part of a "system of systems" approach to comprehensive emergency communications. Traditionally, 9-1-1 services have been largely a local government responsibility. In keeping with this historical paradigm, an independent, unilateral deployment approach to NG9-1-1 is proposed for Virginia. This project will deploy NG9-1-1 capabilities utilizing several regional groups of Virginia PSAPs in independent pilot initiatives. Specifically, the PSAPs involved in the pilots will have access to Customer Premise Equipment (CPE) services in a hosted environment served over an IP-enabled emergency network engineered with redundancy for fault tolerance and high availability.



## Decision Criteria

- Implementation and operation of Phase II enhanced services almost complete
- The provision of hosted 9-1-1 services has been identified by the 9-1-1 stakeholder community in Virginia as a critical element for NG9-1-1 in the Commonwealth
- Application strategy was to complement existing funding, not cannibalize:
  - Utilize FY 10 NG9-1-1 VITA budget line item for match
  - Maximizes available funding in FY 11 PSAP Grant Program
  - Presents an opportunity for previous PSAP Grant recipients and current NG9-1-1 pilot participants
- Project satisfies requirements
- Must submit an fully executable project by Aug 4<sup>th</sup>:
  - Metrics
  - Timeline
  - Budget



## Requirements

- Coordinate application with local governments, tribal organizations, and PSAPs within the state
- Ensure that at least 90 percent of the grant funds will be used for the direct benefit of PSAPs
- Give priority to communities without 911 capability to establish Phase II coverage or provide a disclaimer
- Involve integrated telecommunications services
- Employ the use of technologies
- Project budget (State plan \$1.5M)
- Supplemental project budget (\$500K)
- Designated E-911 Coordinator
- Certifications



## Final Points

- Awards will be made no later than September 30, 2009 for both minimum and supplemental distribution
- The right to incur costs expires on September 30, 2012



# 9-1-1 Services RFP





# 9-1-1 Strategic and Regional Plans





## Horizontal & Vertical Expansion

- Start with the end in mind, which is an update to the WSB strategic plan in 2010 to cast a wider net in terms of stakeholders and projects
- Remainder of this year dedicated to data gathering and practitioner-driven interactions
- Expansion of current WSB strategic plan horizontally across all ISP disciplines (9-1-1, GIS, and radio operability) and vertically with links to established interoperability communications planning paradigms (SAFECOM)
- This expansion will occur through regional ISP implementation plans, managed by the ISP regional coordinators and through partnership with CICO (also conducting regional plans and its own baseline initiative)
- Target completion date for ISP regional plans is Q3 with a report out to the WSB at Sept 09 meeting
- These plans will identify specific regional gaps for the components of NG9-1-1 and will include GIS and radio
- Overarching goal is an integrated macro/micro planning approach



# Overview of ISP Regional Plans

- Executable document (executive summary)
- Subjective and objective approach:
  - Subjective comments from subject matter experts for the seven ISP regions
  - Objective statements and conclusions based on analytical data from baseline survey and grant awards
- Sections of regional plans:
  - Part I: Status of region
  - Part II: Regional interpretation of components of Comprehensive 9-1-1 Plan
  - Part III: PSAP Grants



## Regional Plans: Parts I and II

- Part I: Provide status of region with input from Baseline Survey:
  - High level description of themes identified in sections of survey:
    - Jurisdictional and contact
    - Financial
    - Facility Management
    - Equipment, Technology, Telecom
    - Staffing and Operations
- Part II: Regional interpretation of components of NG9-1-1:
  - Services and capabilities
  - Infrastructure, Equipment, & Technology
  - Operations
  - Staffing and Training
  - Governance
  - Funding
  - GIS (coordinated with VGIN and strategic planning effort)
  - Radio (narrowbanding)
- Compare results of part I and II and identify overarching regional gaps between baseline data and future state



## Regional Plans: Part III

- PSAP Grants:
  - What has been awarded from FY 07 to FY 09 that has contributed to current resources as identified in baseline
  - FY 10 awards:
  - Overview by region
  - How will the awards from current funding cycle help to address identified gaps (incremental contribution)
  - Suggestions for future resources (targeted funding) to address gaps and lessons learned (expert opinion) to contribute to subsequent iterations of PSAP Grant Guidelines and directed wireless funding (e.g. NG9-1-1)
  - Trend analysis (independent purchases, regionalism, interest in consolidations, specific GIS or radio-related needs, etc)



# Coordinated Planning and Outreach





# Joint Regional Planning

- CICO and ISP have undertaken regional planning efforts and will be working in concert to share resources, promote common outcomes, and coordinate efforts
- Shared resources:
  - RPAC-I structure and participants
  - ISP Regional Coordinators
- Common outcomes:
  - Baselines (CICO and WSB)
  - Regional plans
  - Interlocking strategic plans
- Coordinated efforts:
  - Outreach (Synergy of PSAPs and RPAC-Is)
  - Metrics/milestones
  - Timeline



# Old Business





## Old Business

- Update on online application for FY 11 PSAP Grant Program
- Update on FY 09 True-up
  - Process
  - Application
- Update on Wireless Funding Committee
- Appointment of Vice-chair
- Update on PSAP Grant Committee



# PSAP Grant Committee Appointments

- Assign length of terms to nine positions
  - Two year appointments:
    - PSAP/APCO (1)
    - PSAP/NENA (1)
    - At Large members (3)
  - Three-year appointments
    - PSAP (2)
    - Board (2)
- Appointments ending on 07/23/09
  - Bill Agee (PSAP/APCO)
  - Janet Areson (At Large/VML)
  - Mike Edwards (At Large/VACO)
  - Constance McGeorge (At Large/CICO)
  - George Thomas (PSAP/NENA)
- Appointments ending on 07/01/10
  - Tim Addington (PSAP)
  - Fred Vincent Board (Board - Chair)
  - Chief Frankenstein (Board - Vice Chair)
  - Greg Staylor - PSAP
- Organization to present designee
- Reappointment for only one additional term



# New Business





## New Business

- PSAP Scholarship Program drawdown request
- Request from APCO for 2009 Fall Conference
- FY 09 Annual Report
- Next Meeting is September 24, 2009