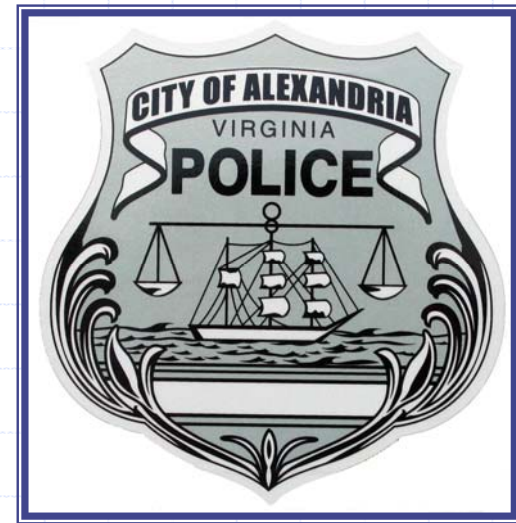


FCC Broadband Field Hearing Georgetown University Medical Center



Deputy Chief Eddie Reyes
Alexandria Police Department
Thursday, November 12, 2009

REPRESENTING

- Alexandria Police Department since 1990
- Past Chair – VA State Interoperability Executive Committee (SIEC)
- Past Chair – IACP Law Enforcement Information Management Section (LEIM)
- Member – IACP Communications & Technology Committee
- Member – SAFECOM Executive Committee

GROWING ROLE OF LAW ENFORCEMENT

- Since 9/11, LE mission grows regularly
- Wireless data networks are becoming more important than ever to support bandwidth intensive data, video and multimedia
- This includes VoIP services to augment and backup traditional land mobile radio

CURRENT PUBLIC SAFETY BROADBAND

- Since 9/11 & The DC Sniper incidents, criminal justice (CJ) information sharing has become a must have
- LE agencies are increasingly sharing CJ information in a wireless/secure environment to users in the field
- For the most part, LE agencies are currently limited to commercial wireless broadband services

FUTURE OF PUBLIC SAFETY BROADBAND

- Next generation broadband data services need to deliver secure text messages, documents, photographs, diagrams and streaming video
- LE needs an alternative to commercial services because:
 - Commercial services can be expensive (300 users @ \$60/mo. each x 12 mo. = \$216,000/year)
 - Service can be unavailable when public safety needs it most.
 - Current commercial services can lack encryption and robust coverage needed by public safety

IDEAL BROADBAND SCENARIO

- A seamless nationwide broadband system as envisioned in the currently proposed 700 MHz Nationwide Public Safety Wireless Broadband Network
- A hardened public safety network with infrastructure built to withstand local natural hazards (tornadoes, hurricanes, earthquakes, floods, etc) that would include strengthened towers and backup power with fuel supplies to withstand long term outages of public power sources

ADDITIONALLY

- Nationwide roaming and interoperability for local, state, and federal public safety agencies (police, fire and EMS) and other emergency services such as transportation, health care, and utilities
- Access to the Public Switched Telephone Network (PSTN) similar to current commercial cellular services
- Push-to-talk, one to one and one to many radio capability that would provide a back-up to (but not replace) traditional public safety land mobile radio
- Access to satellite services to provide reliable nationwide communications where terrestrial services either do not exist or are temporarily out of service

IN CLOSING

- Public safety very much needs a new nationwide 4G broadband public safety wireless network
- Mission critical grade that is reliable with robust redundancy
- Must have public safety priority with encryption on both ends
- Nationwide terrestrial/satellite communication capability with nationwide roaming