State of The Nevada Shared Radio System (NSRS)

Thomas Moore, P.E.
Asst. Chief Traffic Engineer
Nevada Department of Transportation
(775)888-7566

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- NSRS is a 800 MHz trunked radio system

- Started in Las Vegas in the early 1990's

- Grown from 3 sites to over 113 sites

- Field Infrastructure owned by
  - NDOT - 66 sites
  - NV Energy - 36 sites
  - Washoe County - 11 sites

- Over 16,000 state, local agency, utility and private sector users

- Department of Transportation
- Department of Public Safety
  - Highway Patrol
  - Capitol Police
  - Parole and Probation
  - NV Division of Investigations
  - State Fire Marshall
  - Emergency Management
- Attorney Generals Office
- Secretary of State
- LCB Security
- DMV (Compliance, Pollution, Salvage)
- DBI (Taxicab, NTA, OSHA)
- Inspector General
- NV Military

- Dept of Information Technology
- DC&NR (State Parks, Forestry)
- Agriculture
- Department of Corrections/Prisons
- Dept. of Human Resources
- Carson City Sheriff and Fire
- UNLV
- UNR
- Emergency Medical Services
- Freeway Service Patrol
- Health and Human Services
  - DCFS
  - Health
- West Wendover PD
- Elko County

NSRS radio system will support 16,382 Logical ID's (LID)

Current usage is as follows:

NDOT LID's = 2,392
DPS LID's = 2,316
Washoe County LID's = 5,379
NV Energy LID's = 4,000
Other Miscellaneous State Users LID's = 1,851
Elko County = 325
Total unassigned LID's = 119

Issues Facing the NSRS

Capacity Has Been Reached (LID's)

Harris Corporation has notified the NSRS partners that our radio system has reached its end of life and as of **2017** , will no longer be supported.

What's Next?

Technical Working Group Consisting of:

- NDOT
- Department of Public Safety (NHP)
- Washoe County
- NV Energy

Recommendation:

Develop a multi-phase, vender-neutral plan for the next generation Public Safety Radio System based on P25 Phase 2 technology

Phase 1, High-Level evaluation & recommendation

Phase 2, Develop the technical RFP

Phase 3, Deploy next generation Public Safety Radio System

Phase 1 Approach

- Develop an understanding of the current system components and configuration.

- Evaluate and compile user requirements.

- Evaluate and identify system constraints and propose alternative solutions.

- Research, identify and describe options and cost effective solutions for system replacement.

Phase 1 Approach (cont.)

- Evaluate the advantages and disadvantages of alternatives.

- Consider options for phased implementation approach.

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Phase 1 Timeframe

- March 3, 2014 - RFP issued
- August 8, 2014 – Contract Awarded (AECom)
- December 3, 2014 – Draft Report Due
- February 2, 2015 – Final Report Due

Questions?

Thomas Moore, P.E.
Asst. Chief Traffic Engineer
Nevada Department of Transportation
Tmoore@dot.state.nv.us
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