



Cybersecurity and Next Gen Systems



FCC Task Force on Optimal PSAP Architecture
Working Group 1
Optimal Approach to Cybersecurity for PSAPs



Overview

- Draft document – In progress. Sub-group formed to address major topics which include:
 - How 9-1-1 handles cyber risk today
 - How 9-1-1 will need to alter approach
 - Incorporation of NIST framework, adaptation to Public Safety specific needs.
 - Review of CSRIC IV recommendations, incorporation into document and adaptation to Public Safety specific needs.
- Leveraging existing additional work (NIST, DHS, Industry, NENA, APCO, CSRIC)



Overview

- Include section on workforce training and delve into classifications for public safety.
- Sub-group formed to address cyber workforce
- Work is based on NICE framework
 - Will review and map NICE job functions to PSAP and Emergency Communications
 - Will add functions as required
 - Will identify cyber hygiene practices and needed training specific to PSAPs



Progress

- Working Group 1 is divided into three (3) initiatives.
- Initiative 1- High level cybersecurity strategy recommendations based on architectures developed by WG2, utilizing manageable and scalable core network elements distributed to the PSAP level, or if so desired implemented at the PSAP level.
- New PSAP Security Operations Center concept under consideration. Specific architecture options being considered. Collaborating with WG2.



Progress

- Work continues on a set of use cases designed to illustrate the critical impact cybersecurity has on PSAP operations at all levels.
- Work continues on a checklist for the PSAP community enabling self assessment
- Intent of use cases, checklists, and recommendations is adoption of a unified set of cyber requirements and encouraging the PSAP community to become proactive in the implementation of Cybersecurity practices.



PSAP Cybersecurity



The security “DNA” of our networks will
define our success