



# Public Safety Communications Networks Information Sharing and Expectation Management



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# Speakers

- Greg Hauser North Carolina Emergency Management
   Communications Branch Manager/SWIC
- Carly Sherrod North Carolina Emergency Management
   Homeland Security Branch, NC Joint Cybersecurity
   Task Force

Contributions to presentation material made by:

Matt Runyan – Cisco Crisis Response (fka Cisco TacOps)







### Goal

 Provide attendees with a broad look at public safety communications information sharing vulnerabilities while focusing on consequence management following an event.



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# **Objectives**

- Provide common gaps identified in previous events, trainings and exercises.
- Provide insight into disaster based communications processes.







#### Disclaimer

 This presentation is not intended to cast judgement on first response or IT entities.
 Examples given are intended to show lessons learned, not spotlight gaps.





# North Carolina's Public Safety Mission

- To ensure that citizens can access and receive assistance in their time of need.
- To protect day to day activities in accordance with all applicable laws.









# Common Communications Gaps Between First Responders and IT

#### **First Responders**

Fix issues as quick as possible; move on to the next issue. Lifesaving Environmental/Property conservation. "Short-Term Fixes" in IT-speak

#### **IT Professionals**

Focus on Short-Term and Long-Term Fixes. Incorporate a change management process. Approach an issue in a methodical manner. A missed step could add to down time.





# Similar Approaches Between First Responders and IT

#### First Responders

Fix a problem following agency guidelines when possible, improvising when needed.

#### **IT Professionals**

Follow a process in accordance with an approved procedure/policy, improvising when needed.







# Common Consequences to communications gaps

#### First Responders

"I'm gonna try and fix this myself. (clicks various links and files)

#### **IT Professionals**

"I don't have time for these people, we'll fix it when we can" (tunes out first responder feedback)







# Common Consequences to communications gaps

First Responders

"All they do is complain"

IT Professionals

"All they do is complain"







#### Recommendations

- 1. Agree on the solution, not the problem.
- 2. Communicate the expectations and find a common adversary.
- 3. Establish lanes of communications, i.e. where does information get exchanged?
- 4. ICS works, give it a try.
- 5. Being methodical works, give it a try.





# **Public Safety Vulnerabilities**

Need for assistance is recognized

- As a society we, the public, are connected to technology on a daily basis.
- How vulnerable are cellular voice and data networks?
- What reliance do your agencies have on cellular voice and data networks?
  - Internal governmental notifications
  - No notice events (Nashville, TN)





# Public Safety Vulnerabilities

Public safety is accessed (voice or text)

- Public Safety Answering Points (PSAP)
  - The act of answering and processing a 911 call
  - Dispatching units to assist the public
- How does a PSAP operate in a degraded environment?
  - Processes?
  - Staffing?
  - Realistic expectations Be honest







### Consequence Management Process

#### Communicate

- Local Public Safety/Emergency Management/911
- Local Public Health
- Local Board of Elections
- Local Board of Education
- Others?







### Consequence Management Process

#### **Public Safety Concerns**

- Ensuring the safety of the public.
- Ensuring open lines of communication with staff.
- What do we tell people with out inciting fear and the sense of the unknown.







## Consequence Management Process

#### **Cyber Incident Response Process**

- Preparation
- Identification (Detection and Analysis)
- Containment
- Eradication
- Recovery
- Lessons Learned/Post-Incident Activity





### North Carolina Joint Cybersecurity Task Force

Training being conducted for our SLTT partners

NCNG/NCEM/NCDIT/NCLGISA provide In-Person and Virtual trainings

During a Blue-Sky Day, a cyber attack is the victim's hurricane Services are down EM needs to assist in traditional ways as well

Local/Area Public Safety personnel are building relationships with IT departments (CIOs etc.) before event

Assist with preparation
Assist with Incident Management
This is new (and potentially scary and uncomfortable) for the victim

Cybersecurity Assessment Tools Available





# **Questions?**

#### **THANK YOU!**



Carly Sherrod — NCEM, Joint Cybersecurity Task Force Carly.Sherrod@ncdps.gov

**Greg Hauser – NCEM Communications Branch**<a href="mailto:Greg.hauser@ncdps.gov">Greg.hauser@ncdps.gov</a>

Contributor – Matt Runyan – Cisco Crisis Response (fka TacOps)
<a href="matrunya@cisco.com">matrunya@cisco.com</a>