EMERGENCY COMMUNICATIONS COORDINATOR REPORT NOVEMBER 2022

Infrastructure Security Month

- November is Infrastructure Security Month

- CISA reminds everyone that Infrastructure Security is National Security: Together we can Drive Down Risk, Build Resilience

- Critical infrastructure (CI) secure is foundational to national security

- CI spans everything from healthcare, water, education, chemical, transportation, energy, and communications.

- Threats: cyber, physical, technological, or natural disasters

- Infrastructure Security Month

Traffic Light Protocol (TLP)

- Purpose: "to facilitate greater sharing of potentially sensitive information and more effective collaboration."

- TLP is not legally binding.

- CISA officially moved from TLP 1.0 to TLP 2.0 on 11/01/2022

- TLP:CLEAR replaces TLP:WHITE.

- TLP:AMBER+STRICT supplements TLP:AMBER, designating that the information may be shared with the recipient's organization only.

- Traffic Light Protocol (TLP) (first.org)

Traffic Light Protocol 2.0 User Guide

Publication: September 2022
Cybersecurity and Infrastructure Security Agency
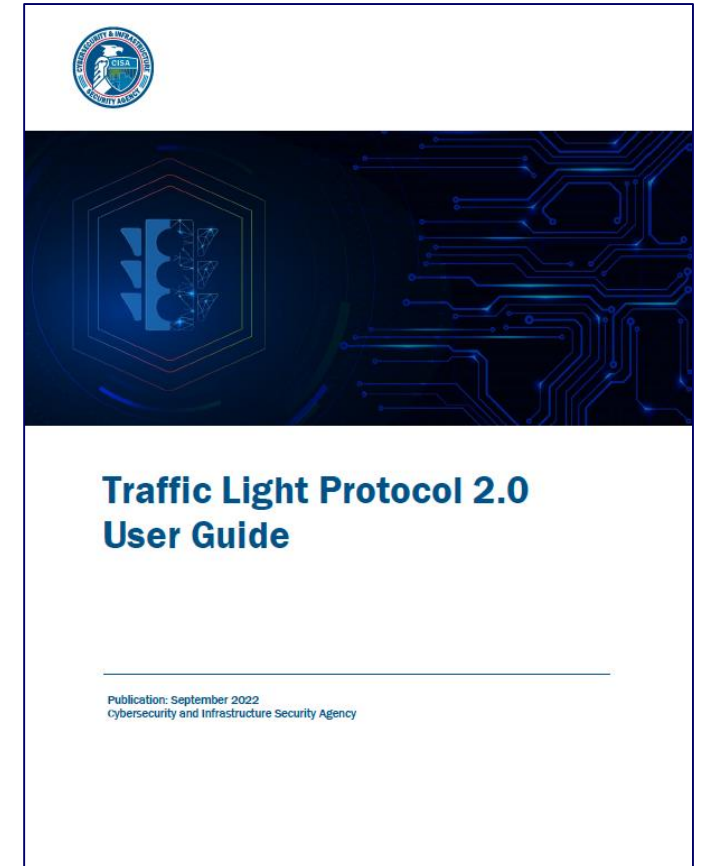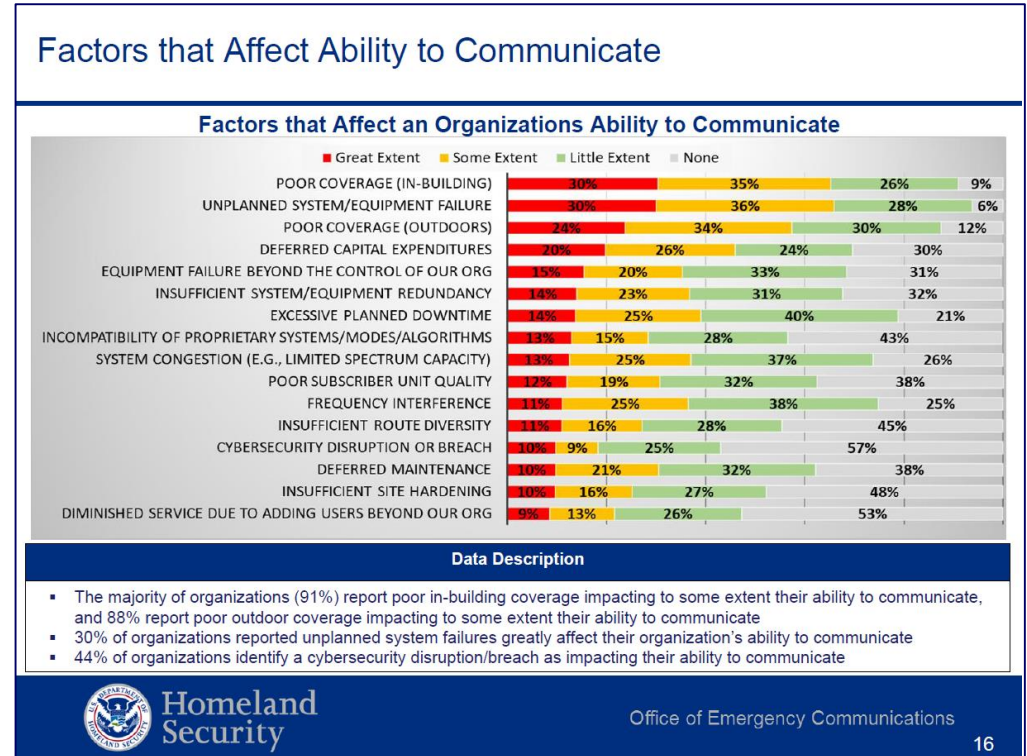
Update on 2023 TA Requests

- Overall package has been approved.
  - COML
  - COMT
  - INTD
  - 911 Cyber Assessment
  - SCIP Refresh
  - Audio Gateway

- Working on arranging scoping calls.
 - May look to consolidate calls
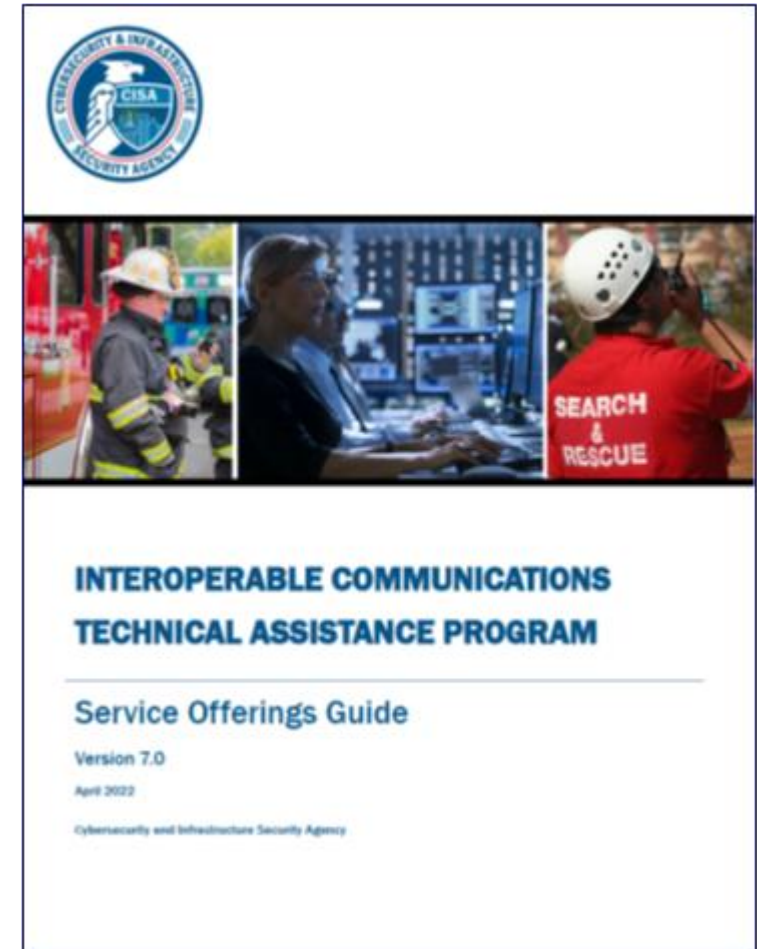
SAFECOM Nationwide Survey

- Nationwide data collection effort to obtain actionable and critical data that drives our nation's emergency communication policies, programs, and funding.

- Directed by Congress. Every 5 years.

- Last SNS in 2018. Ramping up for 2023.

- Questions developed. Under review by SAFECOM & NCSWIC.

- Outreach Plan developed.

- https://www.cisa.gov/safecom/sns

Factors that Affect Ability to Communicate

Factors that Affect an Organizations Ability to Communicate

Legend: ■ Great Extent ■ Some Extent ■ Little Extent ■ None

Factor	Great Extent	Some Extent	Little Extent	None
POOR COVERAGE (IN-BUILDING)	30%	35%	26%	9%
UNPLANNED SYSTEM/EQUIPMENT FAILURE	30%	36%	28%	6%
POOR COVERAGE (OUTDOORS)	24%	34%	30%	12%
DEFERRED CAPITAL EXPENDITURES	20%	26%	24%	30%
EQUIPMENT FAILURE BEYOND THE CONTROL OF OUR ORG	15%	20%	33%	31%
INSUFFICIENT SYSTEM/EQUIPMENT REDUNDANCY	14%	23%	31%	32%
EXCESSIVE PLANNED DOWNTIME	14%	25%	40%	21%
INCOMPATIBILITY OF PROPRIETARY SYSTEMS/MODES/ALGORITHMS	13%	15%	28%	43%
SYSTEM CONGESTION (E.G., LIMITED SPECTRUM CAPACITY)	13%	25%	37%	26%
POOR SUBSCRIBER UNIT QUALITY	12%	19%	32%	38%
FREQUENCY INTERFERENCE	11%	25%	38%	25%
INSUFFICIENT ROUTE DIVERSITY	11%	16%	28%	45%
CYBERSECURITY DISRUPTION OR BREACH	10%	9%	25%	57%
DEFERRED MAINTENANCE	10%	21%	32%	38%
INSUFFICIENT SITE HARDENING	10%	16%	27%	48%
DIMINISHED SERVICE DUE TO ADDING USERS BEYOND OUR ORG	9%	13%	26%	53%

Data Description

- The majority of organizations (91%) report poor in-building coverage impacting to some extent their ability to communicate, and 88% report poor outdoor coverage impacting to some extent their ability to communicate
- 30% of organizations reported unplanned system failures greatly affect their organization's ability to communicate
- 44% of organizations identify a cybersecurity disruption/breach as impacting their ability to communicate

Homeland Security

Office of Emergency Communications

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Understanding & Responding to DDoS Attacks

- October 28: FBI, MS-ISAC, & CISA released "Understanding and Responding to Distributed Denial-of-Service Attacks"

- Proactive steps to reduce the likelihood and impact of distributed denial-of-service (DDoS) attacks.

- DDoS attack – overload an application or website making it unreachable or inaccessible by legitimate users

- [Understanding and Responding to Distributed Denial-of-Service Attacks](#)

Understanding and Responding to Distributed Denial-of-Service Attacks

Publication: October 28, 2022
Cybersecurity and Infrastructure Security Agency
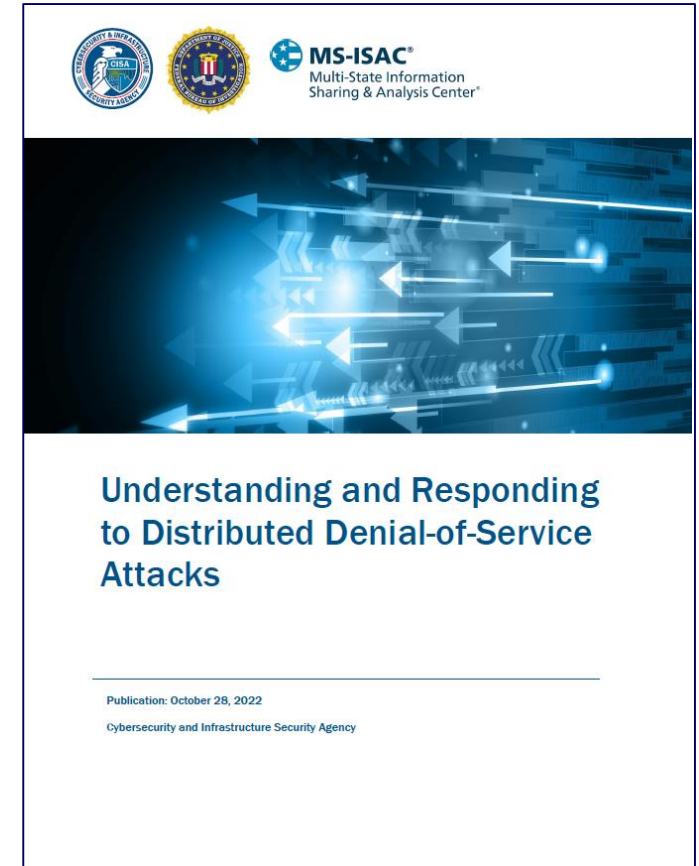
Wireless Priority Service (WPS) Performance

- Hurricane Ian WPS Success Rate for State of Florida:
  - Sept 27th – 100%
  - Sept 28th – 100%
  - Sept 29th – 96.4%
  - Sept 30th – 91.7%
  - Oct 1st – 100%

- PTS Dialer app is easiest way to utilize WPS and GETS via a mobile device

- https://www.cisa.gov/pts

Regional News of Note

- Big Creek Dam Tabletop Exercise – 10 November 2022

- NFL Draft in Kansas City, MO – 27-29 April 2023

- Nebraska utilizing CISA cybersecurity assessment of the Nebraska State Radio System (SRS).

For more information:

Chris Maiers
Christopher.Maiers@cisa.dhs.gov
202-701-3235