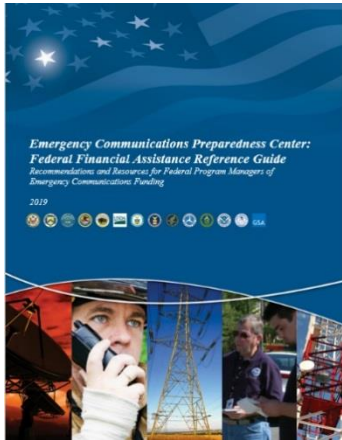


Roadmap to the Envisioned State of Emergency Communications

The Emergency Communications Preparedness Center (ECPC) coordinates interoperable emergency communications across federal departments and agencies. Within the ECPC, its Grants Focus Group shares information across financial assistance programs and establishes consistent guidance for federal program managers/administrators and grant applicants/recipients. The ECPC Grants Focus Group developed this *Roadmap* for the emergency response community to outline issues and steps toward realizing the *National Emergency Communications Plan* vision, specifically what the community should consider when investing in emergency communications. The *Roadmap* includes:

- Key considerations such as deployment of the First Responder Network Authority's (FirstNet) Nationwide Public Safety Broadband Network (NPSBN), Next Generation 911 (NG911) migration, shared communications systems and infrastructure projects, lifecycle planning, and cybersecurity concerns.
- Appendix of resources providing websites for additional information and guidance on Roadmap topics.

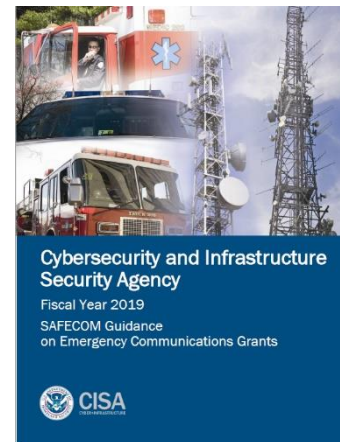
The *Roadmap* is an educational tool complementing the *ECPC Federal Financial Assistance Reference Guide* for federal program managers and the *SAFECOM Guidance on Emergency Communications Grants* for grant applicants. These documents provide recommendations and resources to promote consistent guidance across financial assistance programs for emergency communications investments. Specifically:



ECPC Federal Financial Assistance Reference Guide

Designed by federal program managers, the *Reference Guide* provides common guidance for federal program managers to use when developing Notices of Funding Opportunity, reviewing applications, and monitoring emergency communications projects.

Contact the [ECPC](#) for a copy of the *Reference Guide* or additional information.



SAFECOM Guidance on Emergency Communications Grants

Developed jointly by the public safety community (SAFECOM / National Council of Statewide Interoperability Coordinators [NCSWIC]) and federal program managers, the *Guidance* is updated annually with **best practices, recommendations, and technical standards for grant applicants** to reference when developing emergency communications proposals.

Download a copy of the latest *Guidance* from the [DHS / SAFECOM Funding Resources website](#).

National Emergency Communications Plan

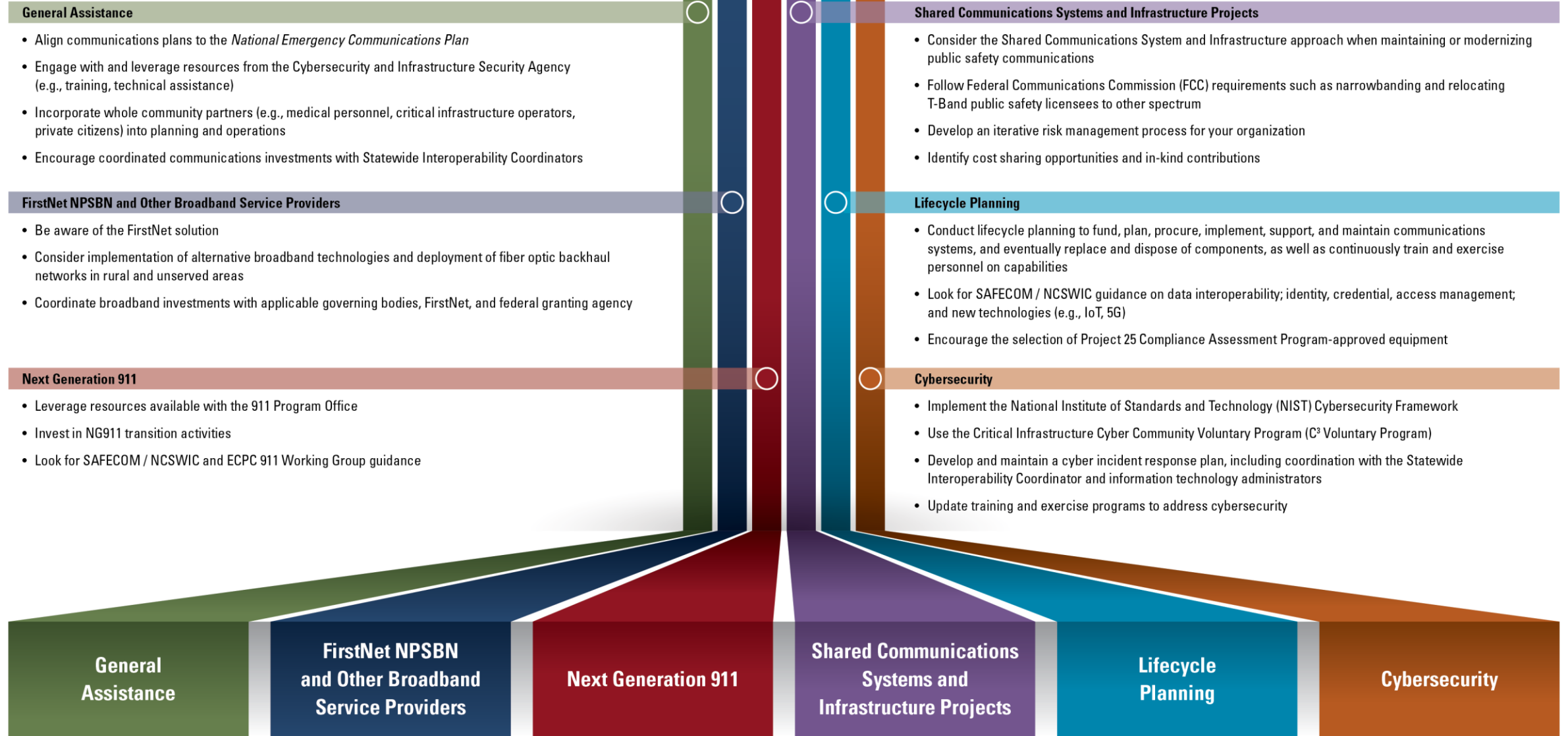
As the Nation's strategic plan for emergency communications, it outlines nationwide goals and objectives to improve critical capabilities through partnerships, joint planning, and unified investments across levels of government. Its focus is to ensure the public safety community and citizens are collectively driving toward a common end-state for communications:

To enable the Nation's emergency response community to communicate and share information securely across communications technologies in real-time, including all levels of government, jurisdictions, disciplines, organizations, and citizens impacted by any threats or hazards event.

Source: [National Emergency Communications Plan](#)

For additional information on the ECPC or this document, visit <https://www.dhs.gov/emergency-communications-preparedness-center> or contact ECPC@hq.dhs.gov.

Purpose: This Roadmap provides general guidance and activities for emergency response agencies in order to achieve the envisioned state of emergency communications.



Resources for Federal Program Managers/Administrators and Grant Applicants/Recipients of Emergency Communications

Resources	Websites
General Assistance / Federal Financial Assistance Programs for Emergency Communications	<ul style="list-style-type: none"> • Emergency Communications Preparedness Center coordinates interoperable emergency communications across federal departments and agencies. Within the ECPC, its Grants Focus Group shares information across financial assistance programs and establishes consistent guidance for federal program managers/administrators and grant applicants/recipients • Cybersecurity and Infrastructure Security Agency (CISA) Emergency Communications Division enhances public safety interoperable communications at all levels of government and conducts extensive, nationwide outreach to support and promote the ability of emergency response providers and relevant government officials to communicate in the event of natural disasters, acts of terrorism, and other hazards. CISA provides plans, resources, and training to assist responders, including: <ul style="list-style-type: none"> ○ National Emergency Communications Plan is the Nation’s strategic plan to improve emergency communications; updates to be released in 2019 ○ Technical Assistance Catalog, in which states and territories may apply for no-cost technical assistance services and training ○ SAFECOM / NCSWIC develop guidance documents, public safety tools, and mobile applications • Federal Financial Assistance Program information: <ul style="list-style-type: none"> ○ Grants.gov is the Federal Government listing of all funding opportunities; awards must adhere to the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards ○ SAFECOM List of Emergency Communications Programs summarizes federal grants, loans, and cooperative agreements that fund communications investments
FirstNet NPSBN and Other Public Safety Broadband Providers	<ul style="list-style-type: none"> • FirstNet Authority is responsible for implementing the FirstNet Nationwide Public Safety Broadband Network and offers Fact Sheets, Frequently Asked Questions, Presentations, and Reports on its website • FCC’s Communications Security, Reliability and Interoperability Council and the National Public Safety Telecommunications Council publishes broadband reports and recommendations for public safety agencies
Next Generation 911	<ul style="list-style-type: none"> • National 911 Program offers NG911 guidance including NG911 Standards Identification and Review and NG911 for Leaders in Law Enforcement • CISA recommends understanding Cyber Risks to NG911 when planning 911 system migration
Shared Communications Systems and Infrastructure Projects	<ul style="list-style-type: none"> • Emergency Communications Governance Guide for State, Local, Tribal, and Territorial Officials provides public safety professionals with tools to establish and sustain effective governance of shared communications systems and infrastructure projects • Systems operating in the T-Band must migrate by 2023; see the FCC’s Public Safety T-Band Fact Sheet and the National Public Safety Telecommunications Council’s Overview of T-Band Issues
Lifecycle Planning	<ul style="list-style-type: none"> • Emergency Communications System Lifecycle Planning Guide provides considerations and recommended actions for each phase of system lifecycle planning • P25 Suite of Standards is the recognized technical standards to promote interoperability for land mobile radio systems and equipment; P25 Compliance Assessment Program is a voluntary program, which allows suppliers to publicly attest to their products’ compliance through testing at DHS-recognized laboratories
Cybersecurity	<ul style="list-style-type: none"> • NIST offers the Cybersecurity Framework and implementation guidance in the NIST Roadmap for Improving Critical Infrastructure Cybersecurity and NIST Cybersecurity Framework Feedback: What We Heard and Next Steps • C3VP Cyber Resilience Review (CRR) provides guidance for applying the Cybersecurity Framework, including Summary of CRR projects and CRR: NIST Cybersecurity Framework Crosswalks • U.S. Computer Emergency Readiness Team is available to assist in cybersecurity planning