Domain Overview

Secure information exchange is essential to public safety's mission. First responders require access to many data sources, and the information gathered, accessed, compiled, and stored by first responders must be secure from unauthorized access, adhere to security best practices, and comply with all relevant laws and regulations. Information exchange on the FirstNet network will address the secure management, access, and flow of data among users and applications within and across jurisdictions and public safety agencies.

The Vision

The FirstNet Authority envisions enabling secure, reliable, and easy-to-use access to and sharing of critical information across a variety of sources.

Roadmap Priorities for Secure Information Exchange

The FirstNet Authority assessed multiple factors to determine its Roadmap Priorities for Secure Information Exchange.

These priorities will be developed into a series of initiatives that will direct the FirstNet Authority's efforts and drive its investments.

Collaborate across government for standardized governance and prodedures to simplify and integrate access and exchange of information with select national-level data sets.

Improve the performance and use of Identity, Credential & Access Management (ICAM) through evaluation of real-world experiences.

Assess industry standards and procedures for end-to-end security of information at rest, in motion, and in use.

Key Technology Areas that Comprise Secure Information Exchange

- **Data Sharing/Interoperability:** Seamless sharing of data through common public safety applications, software, and records management systems, between and among agencies and jurisdictions.
- **Data Access:** Access to various internal and external data sources to improve incident response, such as Criminal Justice Information Services (CJIS), building floorplans, database queries, incident management plans, and fusion center intelligence data.
- **Cybersecurity:** A comprehensive management of data access and security throughout the FirstNet network to ensure that data at rest, in motion, and in use is accessible only to authorized personnel and is secure at all other times.
- **Identity, Credential, & Access Management (ICAM):** A set of features and functions within the domain of cybersecurity that organize digital identities to facilitate information sharing, interoperability, and collaboration through an exchange of user or system attributes.

Public Safety's Take on Secure Information Exchange

- Data access, sharing, interoperability, and cybersecurity are both near- and long-term priorities for public safety.
- The need to share data transcends disciplines, jurisdictions, and solutions.
- Public safety needs standardized and consistent cybersecurity procedures to ensure the safe exchange of critical, sensitive information and the overall protection of the network.

168 ENGAGEMENTS

47 STATES
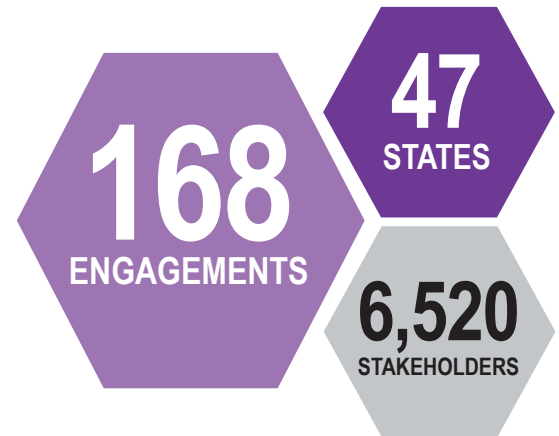
6,520 STAKEHOLDERS

Public safety engagements that addressed Secure Information Exchange
(April 1 – June 30, 2019)

Key Takeaways from the FirstNet Authority's Analysis of Learnings from Stakeholders

- The FirstNet Authority is uniquely positioned to support public safety's access to national data sets through government coordination.
- Deployment of ICAM on the FirstNet network is a valuable technical advancement, and support to public safety is needed to operationalize the capability.
- Secure Information Exchange is a high priority for public safety and the FirstNet Authority should be an advocate for secure data interoperability.
- Network cybersecurity is an essential responsibility of the public private partnership but the overall cybersecurity of the data on the network is shared between the public private partnership and public safety.