

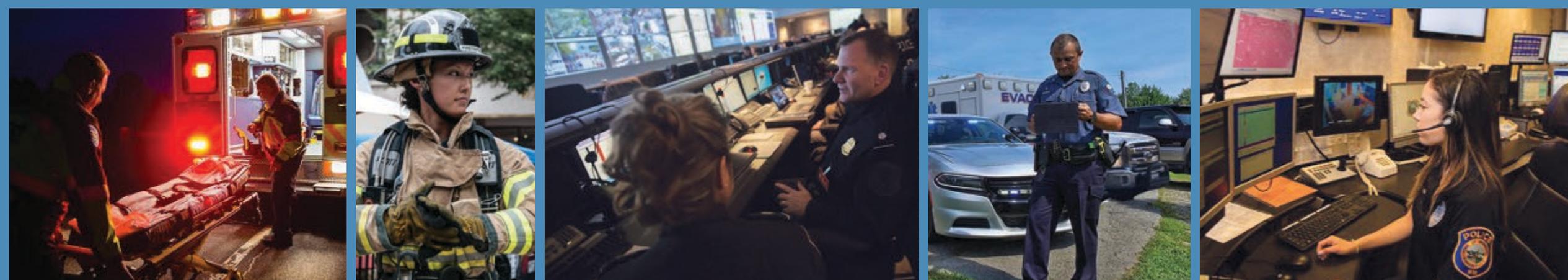


FirstNet: Our Nation's Public Safety Network

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First Responder Network Authority Roadmap Domains



Core

- EPC
- IMS Core
- Services Platforms
- App Servers
- Service Enablers



Coverage & Capacity

- Macro Coverage
- Capacity
- In-building Solutions
- Temporary/On-Demand Coverage
- Range Extension
- Device-to-Device
- Air-to-Ground
- Maritime Operations
- Availability/Reliability/Resiliency/Hardening



Situational Awareness

- Location Services
- Sensors
- Wearables
- Cameras/Video
- Mapping/Geographic Information System (GIS)
- Data Analytics/Artificial Intelligence



Voice Communications

- Mission Critical Push-to-talk (MCPTT)
- PTT Interconnection



Secure Information Exchange

- Data Access
- Data Sharing
- Cybersecurity
- Identity, Credential and Access Management (ICAM)/Single Sign-On



User Experience

- Priority Services
- Applications
- Devices
- Accessories
- Hands Free Operations
- Augmented Virtual Reality
- Heads-Up Display

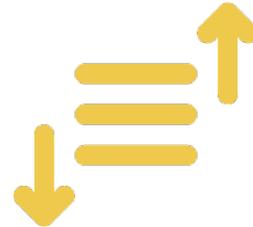
5 Early User Experience Benefits of FirstNet



Asset Tracking and Location Services



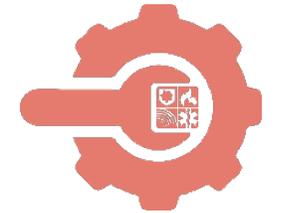
Push-to-talk



Priority and Preemption



Secure Data Sharing



Customer Care and Engagement

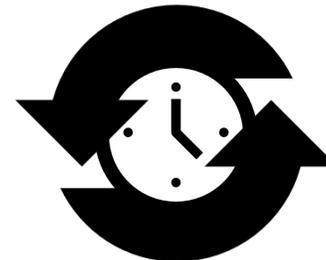
Results reported from success stories from public safety users



**Increased efficiency/
time on patrol**



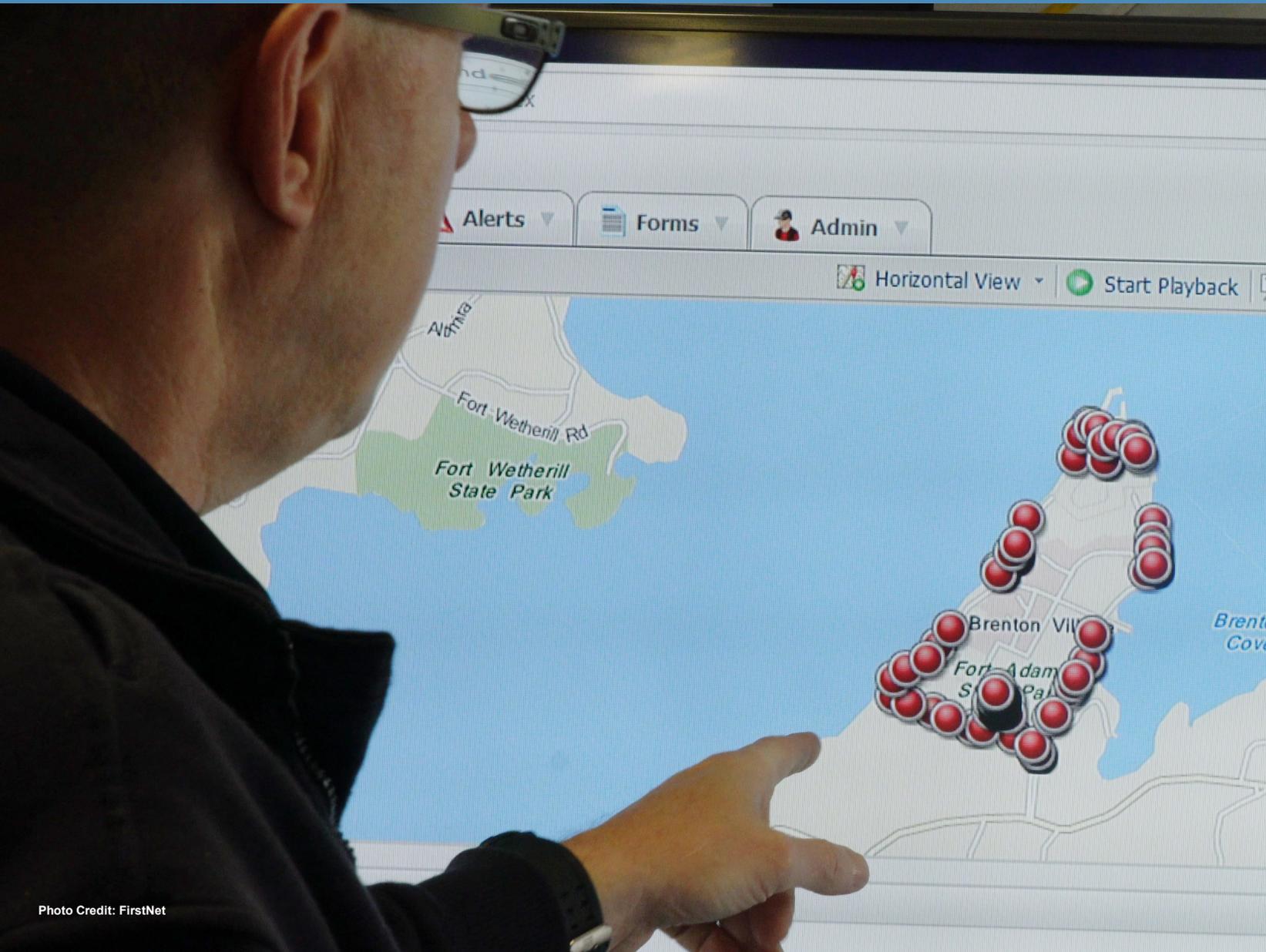
Advance planning



**Critical real-time
information sharing**



**Platform for
innovation**



“In the past, not being able to communicate all the time... we didn’t know where people were when something happened. But with FirstNet the tracking of public safety entities in the venue has been great for situational awareness... we knew exactly where they were.”

**— Tom Guthlein,
Operations Section Chief, Rhode
Island Emergency Management
Agency**



Priority Services

- **Priority Services:** Apps and solutions built on/integrated with the FirstNet priority platform
- **Quality of Service (QoS):** Minimum/maximum service quality parameters
- **Priority:** Gives preferred access to network resources
- **True Preemption:** Terminates/relocates non-primary/commercial users so high-priority users have access



FirstNet Devices Ecosystem

FIRSTNET.
Built with AT&T

Power of
FirstNet

Coverage

Rate
Plans

Devices &
Accessories

Solutions

Application
Ecosystem

Community

Contact Us



Phones & Devices



[View More Phones & Devices](#)

Tablets



[View More Tablets](#)

- Achieving rich, diverse user device portfolio
- Band 14 adoption ramping up, with FirstNet Ready device announcements
- Inclusive of public safety focused Internet of Things (IoT) devices and accessories
- SIM/UICC available and connect users to dedicated FirstNet Core
- See latest available devices at [FirstNet.com/devices](https://www.firstnet.com/devices)



Enabling Apps Ecosystem to Meet the Needs of Public Safety



JOIN PROGRAM

- Open and free FirstNet app developer program membership
 - Developers
 - Policymakers
 - IT Specialists
 - First Responders

Connect, innovate and create opportunity



DEVELOP APPS

- Access to resources, e.g., APIs and code optimization tools
- Complete checklist and source code scan

Events including conferences and workshops



TEST AND CERTIFY

- Submit app for FirstNet certification and review
- Receive and address results
- Review branding and media guidelines

Promote product and evangelize solution



APP CATALOG

- Use FirstNet tools for app distribution and management
- Collect participation points

Direct exposure to public safety market

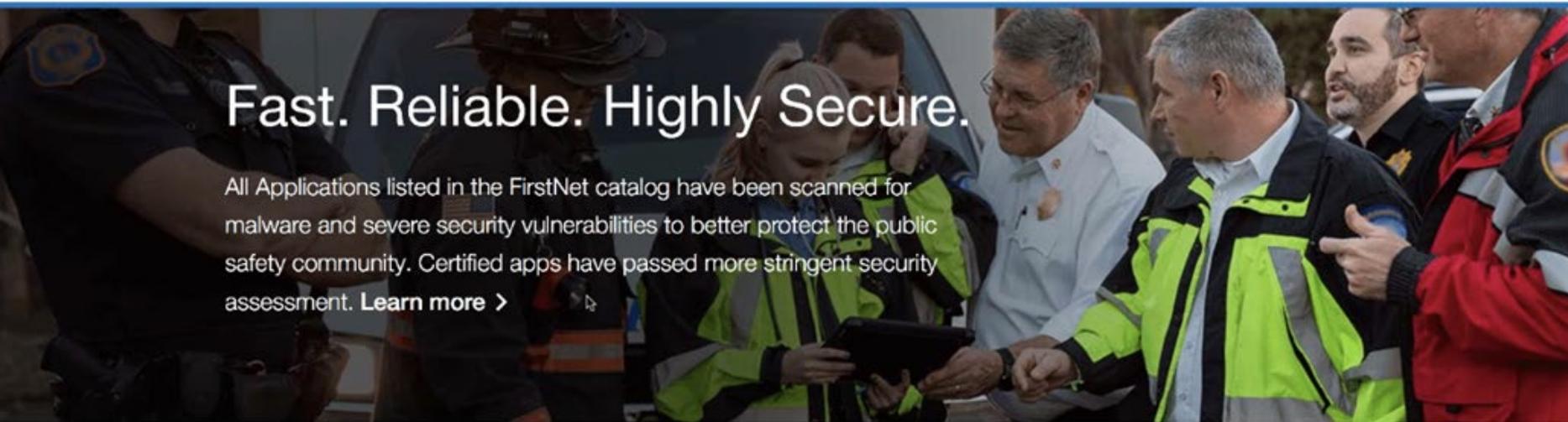


MANAGE APPS

- Review user ratings and feedback
- Manage app versioning and metadata

Blogs and forums to advance innovation

App Catalog for FirstNet



SEARCH

FILTERS

Branch/Discipline

All Branches/Disciplines



Category

All Categories



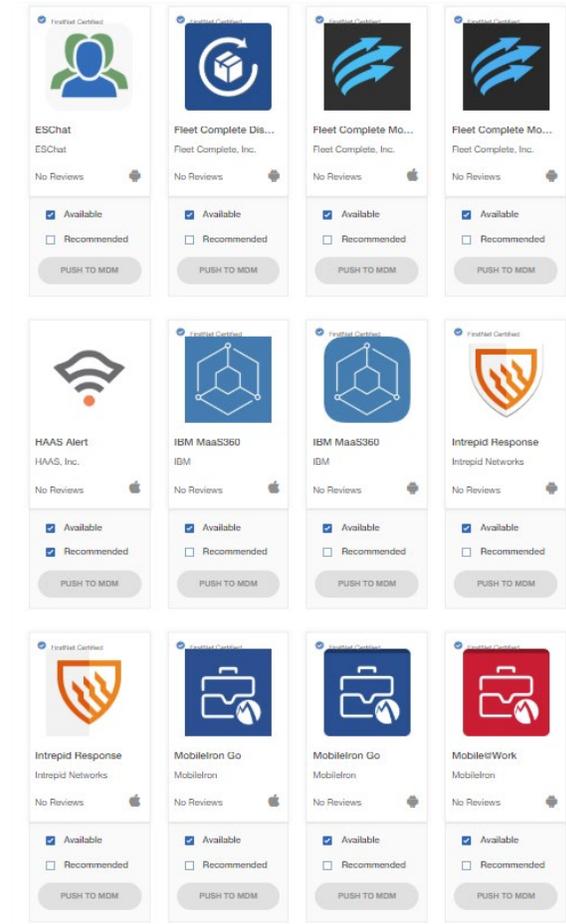
Platform



IOS



ANDROID



FirstNet Application Catalog Levels

FirstNet Listed



Relevancy



Vetted and deemed relevant for use by first responders

Security



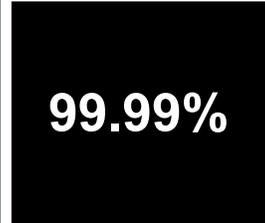
Inspected and adheres to security practices that help protect data sources and users from intrusions and malicious attacks

Data Privacy



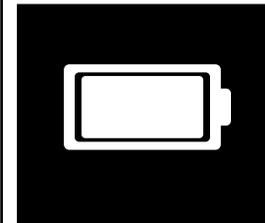
Inspected and uses security mechanisms designed to avoid unauthorized data access and use

Availability



Demonstrated availability of 99.99%

Mobility



Demonstrated that app's use of devices resources and network is optimized

Resiliency



Demonstrated that mechanisms are in place to enable service and data recovery after a failure

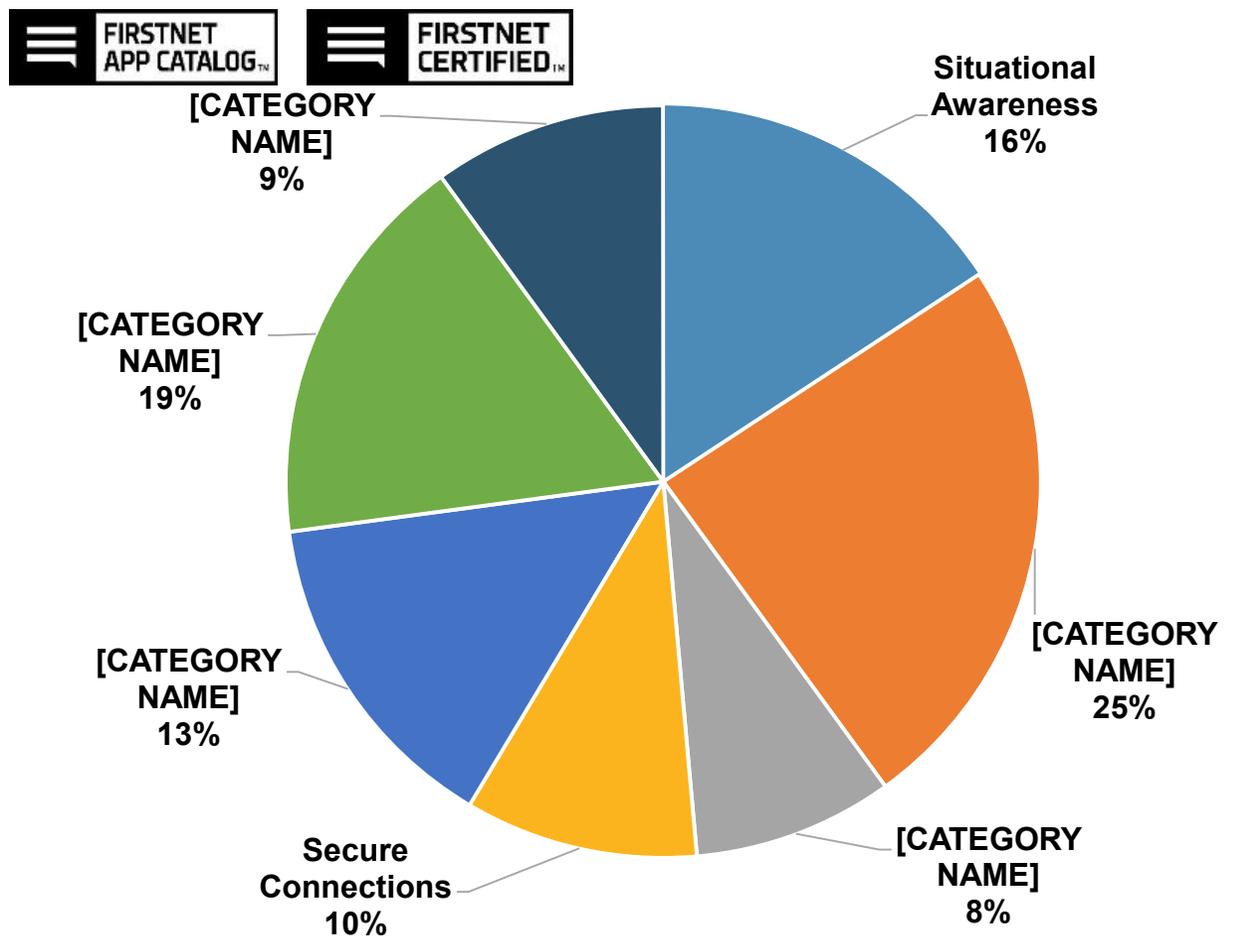
Scalability



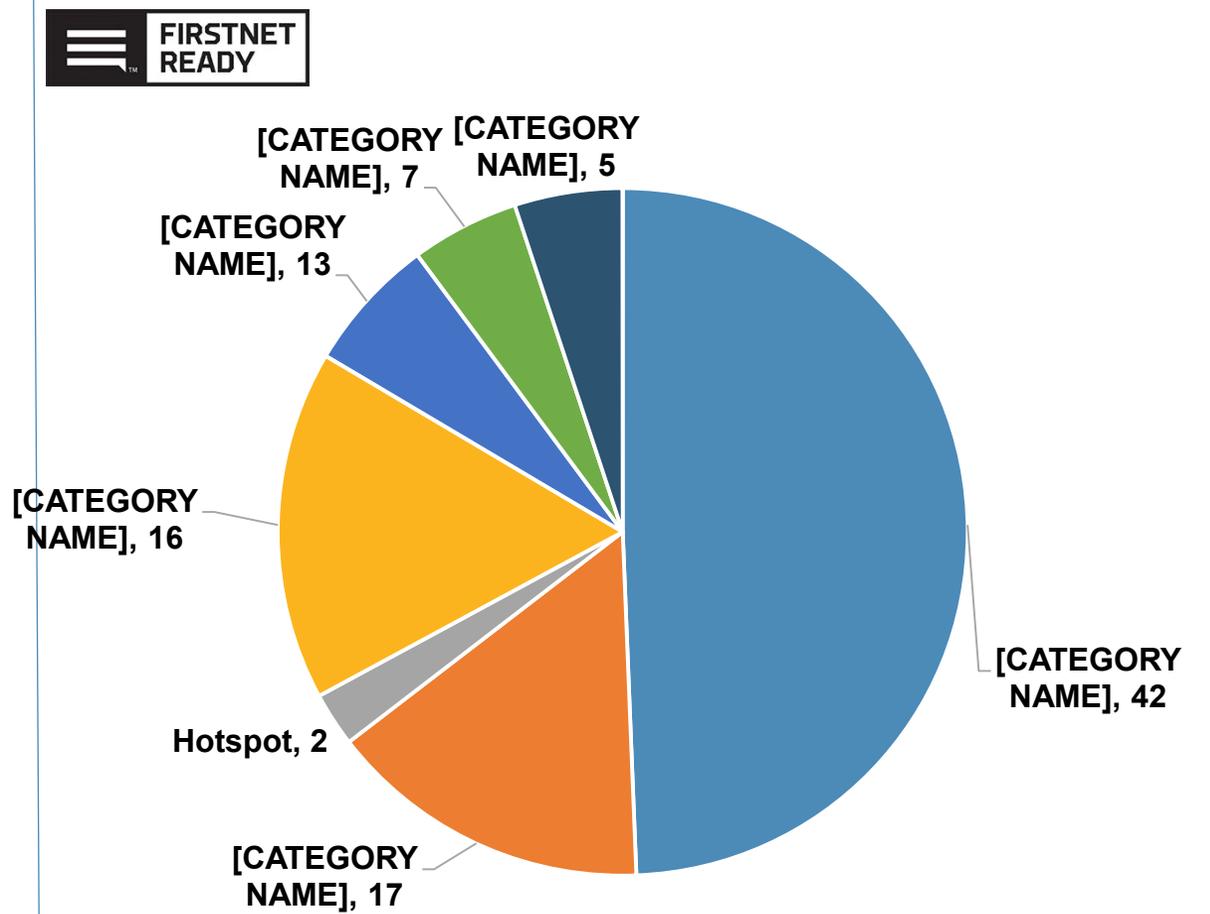
Demonstrated that mechanisms are in place to accommodate surges and other changes in demand and use

Building the Ecosystem: Apps and Devices that Align to the Roadmap (as of April 2019)

APP CATALOG PORTFOLIO



DEVICES BY TYPE ON NIST LIST



NIST List of Certified Devices:
<https://www.nist.gov/ctl/pscr/process-document-nist-list-certified-devices>



Vision

The FirstNet Authority envisions a user experience on the network driven by public safety operational needs that allows users to stay focused on their primary mission



Is it just a solution?

- When you become a FirstNet user, FirstNet is a solution.
- When you buy devices, change plans or purchase Apps/Bundles, FirstNet is a marketplace.
- When you work with developers to build solutions that integrate with FirstNet API's, FirstNet is a platform.

