



FirstNet App Catalog

**A dedicated library of evaluated and
approved mobile tools for first responders**

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OVERVIEW

The FirstNet App Catalog is a dedicated library of pre-evaluated and approved public safety apps for FirstNet customers and their agencies.

Selecting the right mobile tools just got easier

With reliable access to voice, text, data and video in the field from FirstNet, first responders can now rely on the use of mobile apps as dependable operational tools. The FirstNet App Catalog makes selecting the right tools easier.

Every app is thoroughly evaluated and must be verified as highly secure, reliable and relevant to public safety before it is approved for inclusion in the FirstNet App Catalog. Although most products found in commercial app stores work on FirstNet devices, the App Catalog helps public safety agencies focus their selections on vetted apps proven to satisfy the unique needs of first responders.

No more hunting through thousands of commercial apps to find the right tool. No more worrying if the app will be available when you need it most. If it is in the App Catalog, FirstNet has confirmed its features are relevant, the developers have followed best practices in safeguarding your device and enterprise data, and it has a history of being highly available. If you, or your agency, is considering a mobile solution not listed in the App Catalog, urge the solution provider to seek FirstNet evaluation and approval so you know their app can also be trusted.



Planning your digital transformation

To enable and maintain a productive and highly secure mobile workforce, we recommend selecting apps based on your agency's implementation objectives. To help, we have grouped apps by three key agency objectives.

1. **Enable responder mobility and operational readiness** with tools that enable agency control, device security and effective responder communications.
2. **Enhance operational capacity and mission execution** with tools that support the day-to-day activities of first responders, dissemination of information, and delivery of training.
3. **Grow situational awareness and engage your community** with tools that help responders understand their environment, benefit from public engagement, and share a common operating picture across individuals, disciplines, and jurisdictions.

Select apps by what they enable

Each agency objective is enabled by three categories apps.

| AGENCY OBJECTIVES | ENABLED ACTIVITY / CAPABILITY |
|--|---|
| <p>Mobility Fundamentals Enable responder mobility and operational readiness</p> | <ol style="list-style-type: none"> <li data-bbox="662 443 1445 562">1. FirstNet Services – apps that use the FirstNet platform to put updated information, resources and capabilities into the hands of first responders. <li data-bbox="662 573 1445 863">2. Endpoint Security – apps that provide for an effective, highly secure and sustainable mobile workforce with: <ul style="list-style-type: none"> <li data-bbox="711 657 1425 730">• Highly secure and persistent connections to agency systems; <li data-bbox="711 741 1445 814">• Enterprise Mobility Management (EMM) and Mobile Data Management (MDM); and <li data-bbox="711 825 1170 852">• Threat detection and mitigation <li data-bbox="662 873 1445 947">3. Communication – apps that provide for operational sharing of voice, text, data and video |
| <p>Mission Support Enhance operational capacity and mission execution</p> | <ol style="list-style-type: none"> <li data-bbox="662 972 1445 1045">4. Core Mission – apps that digitize or automate responder activities to collect, store, access and share information <li data-bbox="662 1056 1445 1176">5. Responder Resources – apps that use the FirstNet platform to put updated information and resources directly into the hands of first responders <li data-bbox="662 1186 1445 1306">6. Training & Education – apps that use the FirstNet platform to deliver training or support operational exercises |
| <p>Situational Awareness Grow situational awareness and public engagement</p> | <ol style="list-style-type: none"> <li data-bbox="662 1335 1445 1455">7. External Awareness – apps that control or collect information from remote sources, sensors, wearables, and other IoT devices <li data-bbox="662 1465 1445 1539">8. Public Engagement – apps that facilitate smart information to and from the public <li data-bbox="662 1549 1445 1669">9. Operating Pictures – apps that collect, fuse, analyze and present information in a manner appropriate to the situation, location and users |

App Evaluation Classifications

FirstNet awards each reviewed and approved app with one of two designations; FirstNet Listed or FirstNet Certified™. Every app approved for inclusion in the FirstNet App Catalog must satisfy the requirements of the FirstNet Listed designation, whereas apps that pass additional requirements receive the higher designation of FirstNet Certified. Each app version (Android and iOS) is uniquely reviewed and evaluated, so an app may have a different designation across operating system versions.

You can recognize a FirstNet approved by an app provider's use of the FirstNet App Catalog badge. Certified apps additionally accompany the FirstNet Certified badge. The FirstNet App Catalog includes a special marking on apps that qualified for the certified classification.

App Evaluation Requirements

FirstNet Listed – FirstNet review and evaluation demonstrated the app:

- (1) Is relevant for public safety use
- (2) Garnered a high level of confidence that the app is highly secure
- (3) Uses industry best practices for protecting access to, and sharing of, app data
- (4) Demonstrated a performance history of being at least 99.9% available

FirstNet Certified – FirstNet review and evaluation requires fulfillment of the FirstNet Listed criteria (above) with higher availability, increased code scrutiny and additional criteria that demonstrates app resiliency and scalability. Specifically, a Certified designation requires confirmation the app:

- (1) Meets or exceeds criteria for FirstNet Listed apps (detailed above)
- (2) Garnered a higher level of confidence the app binary and code are highly secure
- (3) Demonstrated a performance history of higher availability 99.99% (versus 99.9%)
- (4) Demonstrated an ability to be resilient in times of failure
- (5) Demonstrated an ability to be scalable in times of peak demand.

Additional App Qualities

FirstNet app providers are given access to APIs (application programming interfaces), SDKs (software development kits) and other development appliances that can be used to integrate special features into their solutions or enhance the efficacy of their code. The use of these APIs can help their app:

- Accept authentication from the FirstNet Single Sign-On App
- Trigger the use of FirstNet capabilities such as device uplift
- Optimize its use of critical device resources such as batteries
- Leverage specific device features or assets

- Retrieve and share information with popular data stores, systems or other apps
- Use AT&T mobility features and tools such as texting or IoT data services

The FirstNet App Catalog listing indicates when key features are integrated into an app solution indicating, for instance, when an app supports authentication via FirstNet Single-Sign-On.

MOBILITY FUNDAMENTALS

First responder use of digital tools in the field is most effective and secure when an agency implements three types of fundamental mobility apps.

1. **FirstNet Service** apps that use the FirstNet platform to put updated information, resources and exclusive capabilities into the hands of first responders.
2. **Endpoint Security** tools provide agencies with insight and control over their communications platform and ecosystem of agency services, devices and users.
3. **Communication apps** enable multi-media communications with tools that provide things like push-to-talk, interoperable connections and messaging.



FirstNet Service Apps

FirstNet includes capabilities built exclusively for, and with, first responders. FirstNet service apps invoke or enable access to these exclusive FirstNet features, functions and services.

App Examples: FirstNet service apps can provide benefits such as:

- single-sign-on across capable mobile apps
- device uplift so users receive elevated priority to FirstNet service
- device diagnostics so users can detect and correct common device issues
- cybersecurity training so agencies and their responders understand how to protect their data assets and avoid falling prey to cyberhackers
- easy and direct access to dedicated FirstNet customer care.

Most FirstNet service apps require FirstNet service and credentials.

| FIRSTNET SERVICE APPS (updated 10.02.20) | | | | | |
|--|--------------------------------|--|---------|-----|------------------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Link to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| FirstNet Single Sign-On | FirstNet | FirstNet app that provides single sign-on access to FirstNet SSO-capable apps and systems | C | C | Single Sign-on |
| FirstNet Assist | FirstNet | Provides view of mutual aid incidents within 50-miles, device uplift request/approval and device diagnostics | C | C | Uplift & Support |
| FirstNet Cybersecurity Aware | FirstNet | Cybersecurity awareness training and lesson plans for first responders and videos for community outreach | C | C | Cybersecurity Training |

L = Listed
C = Certified

Endpoint Security Apps

Effectively supporting the use of apps by responders requires the implementation of tools, policy and governance that fulfills three basic mobility needs.

1. Highly secure and persistent connections to agency resources in the field
2. Agency control of device configurations for quick and scalable enterprise management
3. Reliable detection, mitigation and resolution of Internet threats.

Many endpoint security apps enable some level of Enterprise Mobility Management (EMM) or Mobile Data Management (MDM) capabilities. EMM and MDM apps or features provide agency administrators with device control, monitoring and configuration. EMM and MDM features help an agency enforce policies; detect and resolve security threats; and track individual device use.

App Examples: Endpoint security apps address many critical public safety use cases. Some examples include:

- A first responder device is lost or stolen, and an agency administrator needs to quickly “lock-down” a device to avoid unauthorized access or “wipe” and clear the device of any user data.
- A large-scale incident or event requires provisioning a significant number of new devices and users with operationally critical configurations, tools and applications
- A new data collection, retention or sharing policy has been mandated that requires modifying every device to support with new access, configuration, reporting or enforcement policies.

| ENDPOINT SECURITY APPS (updated 10.02.20) | | | | | |
|--|---|--|---------|-----|-----------------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| AccessMyLAN for FirstNet® | Asavie Technologies | A FirstNet exclusive app that provides on-demand access to manage network connections and device access | C | C | Access & Persistence |
| NetMotion Mobility | NetMotion Software | Intelligent VPN for optimization, WAN acceleration and adaptive policy controls | C | C | Access & Persistence |
| Radio IP Armada Mobile VPN | Radio IP Software, Inc. | Secures communications for highly mobile workforce using public safety standards | L | L | Access & Persistence |
| IBM MaaS 360 | IBM | Mobile data management solution for remote device management | L | L | Device Mgt & Security |
| MobileIron Go | MobileIron | Connects field to agency network for easy access to email and other work resources | L | L | Device Mgt & Security |
| Intelligent Hub - Workspace One | VMWare | Supports fast user onboarding & policy enforcement on mobile devices (formerly Airwatch Agent) | L | ~ | Device Mgt & Security |
| Corrata | Corrata Ltd. | Strengthens security and data control of first responder devices while maintaining employee data privacy | L | L | Threat Protection |
| Lookout for Work | Lookout Inc. | Easy to use enterprise mobile security solution with anti-malware, backup and remote management | L | L | Threat Protection |
| Mobile @ Work | MobileIron | Connects field to agency network for easy access to email and other work resources | L | L | Threat Protection |
| ZIMPERIUM Mobile IPS / zIPS | Zimperium | Designed to protect users from advanced mobile threats | L | L | Threat Protection |

L = Listed
C = Certified
~ = Not Included

Communication Apps

With reliable wireless broadband, first responders can use advanced smartphone and LTE features to exchange information in new and valuable ways.

App Examples: FirstNet breaks through the limits of voice-only communications and current radio network reach with apps that:

- Extend the reach of radio users with LTE interoperability and cross-platform groups.
- Augment the capabilities of radio with the richness of multi-media data and video exchanges.
- Enhance the distribution of information through apps that facilitate the review, archiving, tracking and broadcasting of messages.

| COMMUNICATION APPS (updated 10.02.20) | | | | | |
|--|--|---|---------|-----|-----------------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| TULU Pro | Qnexis, Inc. | Fast and easy to use app to send emergency alerts and locate and communicate with users in an emergency | L | L | Emergency Response |
| PTS Dialer | GDIT Under DHS-CISA | Official app for gov't, defense and intel to access GETS and WPS during emergency or crisis situation | L | ~ | Govt Secure Messaging |
| EnforceNet | Digital Blue Software, LLC | A Blue Force app designed for fire, EMS, and law enforcement | L | L | Interoperable Comms |
| Mutualink Edge | Mutualink, Inc. | Real-time radio, video and text interoperability for first responder group communications | L | L | Interoperable Comms |
| Mutualink Edge @Team | Mutualink, Inc. | A full featured PTTtoC: real-time radio, video and text interoperability for first responder group comms | L | L | Interoperable Comms |
| Bridge4PS | NP Strategies, LLC | Free, secure, public safety collaboration platform funded by the DHS | L | L | Interoperable Comms |
| AT&T Business Messenger | AT&T | Enables rapid, two-way, highly secure group and individual communications | C | C | Messaging |
| EVERYWHERE | EVERYWHERE Communications | Global SOS, team tracking and secure data communications app for gov't | L | L | Messaging |
| Rave Guardian | Rave Mobile Safety | Provides rapid and proactive communication with your organization | L | ~ | Messaging |
| HipLink Mobile | Semotus, Inc. | Secure communications for critical texts & notifications; field tools for first responders | C | L | Messaging |
| AT&T Enhanced Push-to-Talk | AT&T | Provides PTT voice communications, messaging, location, and interoperability with LMR | C | C | Push-to-Talk |
| ESChat (Push-to-Talk) | ES Chat | Push-to-talk over cellular app with PTT voice, text, image and real-time location sharing | C | C | Push-to-Talk |
| JPS VIA | JPS Interoperability Solutions | Provides secure Push-to-Talk and location services functionality between mobile devices and JPS gateways | C | C | Push-to-Talk |
| Orion Push-to-Talk | Orion Labs, Inc. | Push-to-talk with extended support via Onyx PTT wearable | ~ | C | Push-to-Talk |
| Tango Tango | Tango Tango, Inc. | Mobile PTT & radio integration: interoperable communications, total coverage and cross channel visibility | C | C | Push-to-Talk |
| TeamConnect | TeamConnect, LLC | Revolutionary push-to-talk over cellular mobile workforce management solution | L | ~ | Push-to-Talk |
| MODULO Walkie-Talkie PTT | YIIP, Inc. (dba VoiceLayer) | Delivers high-performance, secure Push-to-Talk (PTT) on mobile and web | C | C | Push-to-Talk |

L = Listed
C = Certified
~ = Not Included

MISSION SUPPORT

FirstNet agencies can advance operational capacity by implementing tools that digitize, direct and automate a responder’s day-to-day activities. Apps can help responders collect, retrieve and share critical information.

The FirstNet platform can also help agencies disseminate information and deliver training directly to responders in the field.



Core Mission Apps

Implementing apps that support calls-for-service and frequent responder activities can enhance effectiveness and efficiency. By automating administrative duties and simplifying complex tasks, apps can help first responders be fully available while on-scene with less “paperwork” to complete after their shift has ended.

Implementing the regular use of apps to accomplish normal day-to-day activities is critical to helping responders successfully use digital tools during large-scale events and incidents.

App Examples: Mission apps are often focused on helping specific disciplines or types of activities. For example, apps can help:

- Law enforcement personnel collect, create store, distribute and easily find and retrieve field reports or information about calls for service.
- School administrators and safety personnel can execute emergency plans and coordination that keeps students safe during an emergency and helps parent and children be reunited after an emergency event.

Consider apps that support customization or agency configuration so new data collection or storage sources can be added without significant effort or so workflows can be modified as needed.

| MISSION APPS (updated 10.02.20) | | | | | |
|---|--|--|---------|-----|-----------------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| PocketCop® | Caliber Public Safety | Actionable data (NCIC, DMV, etc), critical communications and data sharing with InterDEx | ~ | C | Calls-for-Service |
| Shield Force | Tyler Technologies | MDT via smartphone, tablet or watch - always connected to CAD and Mobile Dispatch in the field | ~ | L | Calls-for-Service |
| EMOS1 | Nikatec LLC | Event Organizational Communication and Support | ~ | L | Emergency Management |
| TBL Universal Reporting | TBL Systems, Inc. | Exclusively for Law Enforcement Agencies - e-Citation, e-Case Reporting, e-Dispatch & Crime Analysis | ~ | L | Law Enforcement |
| Pulsara | Pulsara | Regional patient data communication alerting with audio, video, messaging and images | L | L | Records Management |
| e-Bridge | General Devices | Live Telemedicine, protocol workflow, info & multi-media sharing among emergency & medical staff | L | L | Records Management |
| MPTS | Nikatec LLC | Medical Patient Tracking System for EMOS1 | L | L | Records Management |
| Groupdolist | Centrallo Corporation | Instantly mobilize response teams and activate response plans for real-time, centralized coordination. | L | L | Response Coordination |
| Building Safe | Building Safe | An emergency communication tool for schools, organizations and businesses. | L | L | School Safety |
| CrisisGo | CrisisGo, Inc. | Digital Safety and Crisis Response Platform to prepare for, and respond to, emergency situations | L | L | School Safety |
| OnGuard Lone Worker | Sens-Net Canada Ltd. | Comprehensive lone worker safety, monitoring and communications service | L | L | Staff Status Tracking |
| Actual Live | Southern Stars Network, Inc. | Threat intelligence and dynamic communication for venues, events and public spaces | L | L | Threat Intelligence |

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Responder Resource Apps

The FirstNet platform provides for mass, direct and auditable distribution and sharing of information. With a smart devices and reliable mobile connectivity, sharing information, updates, and new policies no longer requires waiting for roll-call or a responder's return to their duty station.

App Examples: One app uses smartphones to help first responders privately connect, commiserate and celebrate anonymously other responders. Several apps built by the Department of Homeland Security provide for mobile, offline access to national and state Field Operations Guides. And a document management tool provides for the near real time sharing and storing of agency files.

| RESPONDER RESOURCE APPS (updated 10.02.20) | | | | | |
|--|--|--|---------|-----|-------------------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| USPD Hub | LogicTree IT Solutions, Inc. | Mobile communication hub for agency notifications, bulletins, calendars, etc.. | L | ~ | Agency Information |
| Box - Cloud Content Management | Box | One platform for secure content management, workflow, and collaboration | L | L | Document Mgt |
| eAUXFOG | DHS - CISA | Off-line access, mobile version to the DHS 'Auxiliary Communications Field Operations Guide' | L | L | Ops Resource - National |
| eNIFOG | DHS - CISA | Off-line access, mobile version to the DHS 'National Interoperability Field Operations Guide' | L | L | Ops Resource - National |
| Kansas eFOG | DHS - CISA | Off-line access, mobile version to the 'Field Operations Guide' for the State of Kansas | L | L | Ops Resource - State |
| WV eFOG | DHS - CISA | Off-line access, mobile version to the 'Field Operations Guide' for the State of West Virginia | L | L | Ops Resource - State |
| TX eFOG | DHS - CISA | Off-line access, mobile version to the State of Texas Field Operations Guide | L | L | Ops Resource - State |
| ResponderRel8 | All Clear Foundation | Peer-to-peer chat app for first responders to connect, commiserate and celebrate anonymously | L | L | Private Chat |

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~ = Not Included

Training and Education Apps

FirstNet offers a platform well suited for the remote delivery of training and other educational materials. First responders no longer need to wait for roll-call to watch an educational video or wait for in-person training to learn something need.

App Examples: FirstNet provides resources that help responders avoid falling prey to cyberhackers. Included are videos that can be used during community outreach events that help students understand how to protect their personal information. Another app helps agencies construct and run live virtual training exercises.

| TRAINING & EDUCATION APPS (updated 10.02.20) | | | | | |
|--|------------------------------------|--|---------|-----|---------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| FirstNet Cybersecurity Aware | FirstNet | Cybersecurity awareness training and lesson plans for first responders and videos for community outreach | C | C | Cybersecurity |
| GammaPix Training Simulator | Image Insight Inc. | For use with the GammaPix Command Center app to construct and run live-virtual training exercises | L | ~ | Hazmat |

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SITUATIONAL AWARENESS

First responders, and those that support them, are safer and more empowered when they understand, and can positively influence, what is happening on-scene or nearby. Ideally, public safety technology scales data up from a multitude of sources, traversing the full information hierarchyⁱ to a point where each public safety stakeholder is presented with appropriate and immediately-actional information.



Situational awareness involves apps that accomplish three core objectives.

- (1) Control and or glean insight from external devices.
- (2) Enable smart and effective public engagement with apps that collect information from the public or push out information targeted individuals based on criteria such as location or registration profile data.
- (3) Provide for the collection, fusing, analyzing and presenting of information appropriate to a situation, location, role and individual.

Successful implementation of tools that enable situational awareness is best accomplished when an agency uses mission apps to guide and record their daily activities. Regular use of mission apps provides valuable data and trends – already digitally available and ready for use. Using apps to support daily calls-for-services makes it far more likely that responders can successfully use digital tools to support larger incidents or events.

External awareness apps

The availability and use of sensors and other IoT devices across our evolving smart cities, buildings, homes, vehicles and wearables grows by the day. Mobile apps can help first responders see the state of these remote sources to gain a better awareness of their environment; beyond what they can easily see, hear, feel, smell, or know. Moreover, responders can interact with remote devices for more informed decision-making and faster response.

App Examples: Given the speed in which new innovations and IoT devices are being introduced, the number and reach of external awareness apps will likely grow. Today’s App Catalog includes app interfaces with:

- sensors that monitor the occupancy and location of school buses
- key resources such as hospitals, shelters and critical equipment to ascertain the status and availability of needed resources
- devices that track and monitor key information (such as the location, speed, direction, use and weight) about vehicles and equipment across an agency fleet
- critical details about hazardous materials contained in railcars

| EXTERNAL AWARENESS APPS (updated 10.02.20) | | | | | |
|---|---|--|---------|-----|------------------------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| EMResource | Juvare | Provides real-time access to resource availability and incidents | L | L | Assets - Capacity |
| EMTrack | Juvare | Collect and track patients, people, pets and populations throughout an incident or event. | L | ~ | Assets - Tracking |
| 10-21 Video | Callyo | On-demand recorded or live-streaming video via smartphone with peer tune-in & conceal capabilities | L | L | Body-Worn-Camera |
| Visual Labs Smartphone BWC | Visual Labs Inc. | Body camera, digital camera and audio recorder, plus livestreaming and location analytics. | C | ~ | Body-Worn-Camera |
| Sonim Scan | Sonim Technologies, Inc. | Turns Sonim XP8 devices into a barcode scanner | C | ~ | Digital Scanner |
| SafetyDrone | Drone Analytics | Provides public safety with a dedicated app for tracking uav operations and compliance | L | L | Drone - Flight Logs |
| Mission Keeper Mobile-X7 | KSI Data Sciences | Low latency live streaming of video / telemetry from iOS device or DJI drones. | ~ | L | Drone - Steaming Video |
| Fulcrum Mobile Data Collector | Spatial Networks Inc. | Mobile field data collection platform | L | ~ | Field Data Collection |
| Automatic Injury Detection | DataSoft Corporation | Automatic alerts and reporting when a responder-worn sensor panel has been pierced | L | L | First Responder Vitals |
| FleetComplete® Dispatch | Fleet Complete® | Live GPS tracking, dispatching and routing of fleet and other field assets | C | ~ | Fleet Management |
| FleetComplete® Mobile | Fleet Complete® | GPS fleet, asset and worker tracking and data sharing on-the-go | C | C | Fleet Management |
| GammaPix Pro Command Center | Image Insight Inc. | Detect ionizing radiation automatically with the smartphone camera | L | ~ | HAZMAT - Radiation Detection |
| AskRail | Association of American Railroads | Hazardous materials safety tool for first responders in the event of a rail accident | L | ~ | HAZMAT - Railway |
| SAFEBUS by Predictable Ryde | Predictable Ride Inc. | School Bus & Rider tracking App for the Sonim XP8, Sonim XP5S, and Samsung Galaxy Tab A 8 inch. | L | ~ | School Safety - Buses |

L = Listed
C = Certified
~ = Not Included

Public engagement apps

Smart mobile apps can help law enforcement appropriately interact with the public. Apps can disseminate information to targeted individuals based on their current location or some other demographic such as home or work address, certifications, special needs, etc... Apps can also present directly relevant and actionable information to first responders on-scene and eliminate or de-emphasize information that is not immediately needed.

App Examples: Some examples of apps that enable community engagement includes apps that:

- help Waze and other apps alert drivers in the proximity of a high-speed or responding emergency vehicles (such as fire apparatus) to avoid traffic accidents
- Alerts CPR-trained individuals in proximity of a medical emergency that could be aided by their expertise
- Alerts first responders in the field when they are in proximity of a vulnerable individual (with a profile) to enhance interactions or avoid possible life-threatening misunderstandings
- Uses public smart phones to visually indicate an emergency status for large-venue rescue and triage efforts

| PUBLIC ENGAGEMENT APPS (updated 10.02.20) | | | | | |
|---|--|--|---------|-----|-------------------------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| Guard911 | Guard911, LLC | Mobile panic button app for business staff in active shooting emergencies | L | L | Business |
| Hazmat Radar | Zco Corporation | First responders receive a warning on their mobile phones when approaching a COVID-infected location | ~ | L | COVID Infection Alert |
| PulsePoint Respond | PulsePoint Foundation | Dispatch interface that alerts CPR-trained citizens/off-duty professionals to cardiac emergencies | L | C | CPR Assistance |
| HAAS Alert | HAAS, Inc. | Real-time emergency vehicle/apparatus safety alerts to nearby motorists | ~ | L | Emergency Vehicle Warning |
| Vitals First Responder | Vitals™ Aware Services, Inc. | Helps police and first responders identify, and effectively engage, with vulnerable individuals | L | L | Encounter Awareness |
| RumbleUp | RumbleUp | P2P system that sends 1-on-1 SMS & MMS text messages at speeds of 2500/hr | ~ | L | Mass Peer-to-Peer Messaging |
| ArcAngel | Patrocinium Systems, Inc. | Location-based communication and visualization for all app users and responders during emergencies | L | L | On-Scene Info |
| Visual911+ | Southwest Synergistic Solutions, LLC | Ability to share GPS location & alert status to defined users/groups, visual signaling included | L | L | On-Scene Info |
| 10-21 Police Phone | Callyo | Supports officer phone calls to individuals via a local-phone number for free call-back | L | ~ | Phone Call Mgt |
| Rave Panic Button | Rave Mobile Safety | Reduces the time before help reaches you in an emergency | L | L | Request for Emergency Support |
| Hero911 | Guard911, LLC | User network dedicated to reducing law enforcement response time to school shootings | L | L | School Safety |

| PUBLIC ENGAGEMENT APPS (updated 10.02.20) | | | | | |
|---|----------------------------------|--|---------|-----|---------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| CampusGuard | Guard911, LLC | Mobile panic button app for college staff in school shooting emergencies | L | L | School Safety |
| SchoolGuard | Guard911, LLC | Mobile panic button app for K-12 school staff in school shooting emergencies | L | L | School Safety |

L = Listed
C = Certified
~ = Not Included

| APPROVED – COMING SOON (updated 01/09/20) | | | | | |
|---|---------------------------------|---|---|---|----------------|
| ERinfoPRO | ERinfoPro, Inc. | Determines individual identity, conditions recorded in records and emergency contacts by taking a picture on their device | L | L | Identification |

L = Listed
C = Certified
~ = Not Included

Operating picture apps

Agencies can use apps to collect and fuse data made available by a vast array of systems, sensors, IoT devices and open source data to provide informed assessment of a situation. Such apps can make fact-based predictions about how an incident is likely to progress or guide actions based on operational polices. Even more importantly, these apps can present information based on the situation and user. Role-based and instantly intuitive “pictures” are especially important to first responders who should only receive easily consumable and immediately actionable information.

App Examples: Common operating platforms include apps that display information from a multitude of sources onto a user-configurable dashboard and or map. Some apps provide for the triggering of workflows based on data values or user entries and activities.

| OPERATING PICTURE APPS (updated 10.02.20) | | | | | |
|---|----------------------------------|--|---------|-----|-----------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| AT&T Workforce Manager Shield | AT&T | Workforce Manager Shield is an end-to-end data collection platform for Primary and Extend Primary entities | C | C | Field Resources |
| DragonForce | Drakontas, LLC | Critical collaboration tool with shared groups, mapping, media, whiteboards and secure messaging | L | L | Public Safety |

| OPERATING PICTURE APPS (updated 10.02.20) | | | | | |
|---|-----------------------------------|---|---------|-----|---------------|
| MOBILE APP NAME (Link to FirstNet.com) | PROVIDER (Linked to Provider) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | KEY SUPPORT |
| Explorer for ArcGIS | Esri, Inc. | Mobile access to Esri ArcGIS maps and tools with field markup on landmarks and assets | L | L | Public Safety |
| Response for FirstNet® | Intrepid Networks | FirstNet-exclusive app that allows teams and groups of users to coordinate, collaborate and communicate | C | C | Public Safety |
| RapidDeploy Nimbus | RapidDeploy, Inc | Mission critical dispatch and situational awareness app for first responders | L | L | Public Safety |
| Vizsafe | Vizsafe, Inc. | Real-time situational awareness platform with incident reporting, communications and live cams. | L | L | Public Safety |
| Geoteamz City | Zco Corporation | Used by cities to automate their police, fire, public works, utilities and other departments | ~ | L | Smart Cities |

L = Listed
C = Certified
~ = Not Included

APP CATALOG INVENTORY LIST (Alphabetical)

| MOBILE APP NAME (Link to FirstNet.com Resource) | PROVIDER (Link to Provider Website) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | APP CATEGORY | KEY SUPPORT |
|--|---|--|---------|-----|---------------------|------------------------|
| 10-21 Police Phone | Callyo | Supports officer phone calls to individuals via a local-phone number for free call-back | L | ~ | Public Engagement | Phone Call Mgt |
| 10-21 Video | Callyo | On-demand recorded or live-streaming video via smartphone with peer tune-in & conceal capabilities | L | L | External Awareness | Body-Worn-Camera |
| AccessMyLAN for FirstNet® | Asavie Technologies | A FirstNet exclusive app that provides on-demand access to manage network connections and device access | C | C | Endpoint Security | Access & Persistence |
| Actual Live | Southern Stars Network, Inc. | Threat intelligence and dynamic communication for venues, events and public spaces | L | L | Mission Activities | Threat Intelligence |
| ArcAngel | Patrocinium Systems, Inc. | Location-based communication and visualization for all app users and responders during emergencies | L | L | Public Engagement | On-Scene Info |
| AskRail | Association of American Railroads | Hazardous materials safety tool for first responders in the event of a rail accident | L | ~ | External Awareness | HAZMAT - Railway |
| AT&T Business Messenger | AT&T | Enables rapid, two-way, highly secure group and individual communications | C | C | Communications | Messaging |
| AT&T Enhanced Push-to-Talk | AT&T | Provides PTT voice communications, messaging, location, and interoperability with LMR | C | C | Communications | Push-to-Talk |
| AT&T Workforce Manager Shield | AT&T | Workforce Manager Shield is an end-to-end data collection platform for Primary and Extend Primary entities | C | C | Operating Picture | Field Resources |
| Automatic Injury Detection | DataSoft Corporation | Automatic alerts and reporting when a responder-worn sensor panel has been pierced | L | L | External Awareness | First Responder Vitals |
| Box - Cloud Content Management | Box | One platform for secure content management, workflow, and collaboration | L | L | Responder Resources | Document Mgt |
| Bridge4PS | NP Strategies, LLC | Free, secure, public safety collaboration platform funded by the DHS | L | L | Communications | Interoperable Comms |
| Building Safe | Building Safe | An emergency communication tool for schools, organizations and businesses. | L | L | Mission Activities | School Safety |
| CampusGuard | Guard911, LLC | Mobile panic button app for college staff in school shooting emergencies | L | L | Public Engagement | School Safety |
| Corrata | Corrata Ltd. | Strengthens security and data control of first responder devices while maintaining employee data privacy | L | L | Endpoint Security | Threat Protection |
| CrisisGo | CrisisGo, Inc. | Digital Safety and Crisis Response Platform to prepare for, and respond to, emergency situations | L | L | Mission Activities | School Safety |

| MOBILE APP NAME (Link to FirstNet.com Resource) | PROVIDER (Link to Provider Website) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | APP CATEGORY | KEY SUPPORT |
|--|--|--|---------|-----|----------------------|------------------------------|
| DragonForce | Drakontas, LLC | Critical collaboration tool with shared groups, mapping, media, whiteboards and secure messaging | L | L | Operating Picture | Public Safety |
| eAUXFOG | DHS - CISA | Off-line access, mobile version to the DHS 'Auxiliary Communications Field Operations Guide' | L | L | Responder Resources | Ops Resource - National |
| e-Bridge | General Devices | Live Telemedicine, protocol workflow, info & multi-media sharing among emergency & medical staff | L | L | Mission Activities | Records Management |
| EMOS1 | Nikatec LLC | Event Organizational Communication and Support | ~ | L | Mission Activities | Emergency Management |
| EMResource | Juvare | Provides real-time access to resource availability and incidents | L | L | External Awareness | Assets - Capacity |
| EMTrack | Juvare | Collect and track patients, people, pets and populations throughout an incident or event. | L | ~ | External Awareness | Assets - Tracking |
| EnforceNet | Digital Blue Software, LLC | A Blue Force app designed for fire, EMS, and law enforcement | L | L | Communications | Interoperable Comms |
| eNIFOG | DHS - CISA | Off-line access, mobile version to the DHS 'National Interoperability Field Operations Guide' | L | L | Responder Resources | Ops Resource - National |
| ESChat (Push-to-Talk) | ES Chat | Push-to-talk over cellular app with PTT voice, text, image and real-time location sharing | C | C | Communications | Push-to-Talk |
| EVERYWHERE | EVERYWHERE Communications | Global SOS, team tracking and secure data communications app for gov't | L | L | Communications | Messaging |
| Explorer for ArcGIS | Esri, Inc. | Mobile access to Esri ArcGIS maps and tools with field markup on landmarks and assets | L | L | Operating Picture | Public Safety |
| FirstNet Assist | FirstNet | Provides view of mutual aid incidents within 50-miles, device uplift request/approval and device diagnostics | C | C | FirstNet Services | Uplift & Support |
| FirstNet Cybersecurity Aware | FirstNet | Cybersecurity awareness training and lesson plans for first responders and videos for community outreach | C | C | Training & Education | Cybersecurity |
| FirstNet Single Sign-On | FirstNet | FirstNet app that provides single sign-on access to FirstNet SSO-capable apps and systems | C | C | FirstNet Services | Single Sign-on |
| FleetComplete® Dispatch | Fleet Complete® | Live GPS tracking, dispatching and routing of fleet and other field assets | C | ~ | External Awareness | Fleet Management |
| FleetComplete® Mobile | Fleet Complete® | GPS fleet, asset and worker tracking and data sharing on-the-go | C | C | External Awareness | Fleet Management |
| Fulcrum Mobile Data Collector | Spatial Networks Inc. | Mobile field data collection platform | L | ~ | External Awareness | Field Data Collection |
| GammaPix Pro Command Center | Image Insight Inc. | Detect ionizing radiation automatically with the smartphone camera | L | ~ | External Awareness | HAZMAT - Radiation Detection |

| MOBILE APP NAME (Link to FirstNet.com Resource) | PROVIDER (Link to Provider Website) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | APP CATEGORY | KEY SUPPORT |
|--|--|--|---------|-----|----------------------|---------------------------|
| GammaPix Training Simulator | Image Insight Inc. | For use with the GammaPix Command Center app to construct and run live-virtual training exercises | L | ~ | Training & Education | Hazmat |
| Geoteamz City | Zco Corporation | Used by cities to automate their police, fire, public works, utilities and other departments | ~ | L | Operating Picture | Smart Cities |
| Groupdolists | Centrallo Corporation | Instantly mobilize response teams and activate response plans for real-time, centralized coordination. | L | L | Mission Activities | Response Coordination |
| Guard911 | Guard911, LLC | Mobile panic button app for business staff in active shooting emergencies | L | L | Public Engagement | Business |
| HAAS Alert | HAAS, Inc. | Real-time emergency vehicle/apparatus safety alerts to nearby motorists | ~ | L | Public Engagement | Emergency Vehicle Warning |
| Hazmat Radar | Zco Corporation | First responders receive a warning on their mobile phones when approaching a COVID-infected location | ~ | L | Public Engagement | COVID Infection Alert |
| Hero911 | Guard911, LLC | User network dedicated to reducing law enforcement response time to school shootings | L | L | Public Engagement | School Safety |
| HipLink Mobile | Semotus, Inc. | Secure communications for critical texts & notifications; field tools for first responders | C | L | Communications | Messaging |
| IBM MaaS 360 | IBM | Mobile data management solution for remote device management | L | L | Endpoint Security | Device Mgt & Security |
| Intelligent Hub - Workspace One | VMWare | Supports fast user onboarding & policy enforcement on mobile devices (formerly Airwatch Agent) | L | ~ | Endpoint Security | Device Mgt & Security |
| JPS VIA | JPS Interoperability Solutions | Provides secure Push-to-Talk and location services functionality between mobile devices and JPS gateways | C | C | Communications | Push-to-Talk |
| Kansas eFOG | DHS - CISA | Off-line access, mobile version to the 'Field Operations Guide' for the State of Kansas | L | L | Responder Resources | Ops Resource - State |
| Lookout for Work | Lookout Inc. | Easy to use enterprise mobile security solution with anti-malware, backup and remote management | L | L | Endpoint Security | Threat Protection |
| Mission Keeper Mobile-X7 | KSI Data Sciences | Low latency live streaming of video / telemetry from iOS device or DJI drones. | ~ | L | External Awareness | Drone - Steaming Video |
| Mobile @ Work | MobileIron | Connects field to agency network for easy access to email and other work resources | L | L | Endpoint Security | Threat Protection |
| MobileIron Go | MobileIron | Connects field to agency network for easy access to email and other work resources | L | L | Endpoint Security | Device Mgt & Security |
| MODULO Walkie-Talkie PTT | YIIP, Inc. (dba VoiceLayer) | Delivers high-performance, secure Push-to-Talk (PTT) on mobile and web | C | C | Communications | Push-to-Talk |
| MPTS | Nikatec LLC | Medical Patient Tracking System for EMOS1 | L | L | Mission Activities | Records Management |

| MOBILE APP NAME (Link to FirstNet.com Resource) | PROVIDER (Link to Provider Website) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | APP CATEGORY | KEY SUPPORT |
|--|--|--|---------|-----|---------------------|-------------------------------|
| Mutualink Edge | Mutualink, Inc. | Real-time radio, video and text interoperability for first responder group communications | L | L | Communications | Interoperable Comms |
| Mutualink Edge @Team | Mutualink, Inc. | A full featured PTTtoC: real-time radio, video and text interoperability for first responder group comms | L | L | Communications | Interoperable Comms |
| NetMotion Mobility | NetMotion Software | Intelligent VPN for optimization, WAN acceleration and adaptive policy controls | C | C | Endpoint Security | Access & Persistence |
| OnGuard Lone Worker | Sens-Net Canada Ltd. | Comprehensive lone worker safety, monitoring and communications service | L | L | Mission Activities | Staff Status Tracking |
| Orion Push-to-Talk | Orion Labs, Inc. | Push-to-talk with extended support via Onyx PTT wearable | ~ | C | Communications | Push-to-Talk |
| PocketCop® | Caliber Public Safety | Actionable data (NCIC, DMV, etc), critical communications and data sharing with InterDEx | ~ | C | Mission Activities | Calls-for-Service |
| PTS Dialer | GDIT Under DHS-CISA | Official app for gov't, defense and intel to access GETS and WPS during emergency or crisis situation | L | ~ | Communications | Govt Secure Messaging |
| Pulsara | Communicare Tech (dba Pulsara) | Regional patient data communication alerting with audio, video, messaging and images | L | L | Mission Activities | Records Management |
| PulsePoint Respond | PulsePoint Foundation | Dispatch interface that alerts CPR-trained citizens/off-duty professionals to cardiac emergencies | L | C | Public Engagement | CPR Assistance |
| Radio IP Armada Mobile VPN | Radio IP Software, Inc. | Secures communications for highly mobile workforce using public safety standards | L | L | Endpoint Security | Access & Persistence |
| RapidDeploy Nimbus | RapidDeploy, Inc | Mission critical dispatch and situational awareness app for first responders | L | L | Operating Picture | Public Safety |
| Rave Guardian | Rave Mobile Safety | Provides rapid and proactive communication with your organization | L | ~ | Communications | Messaging |
| Rave Panic Button | Rave Mobile Safety | Reduces the time before help reaches you in an emergency | L | L | Public Engagement | Request for Emergency Support |
| ResponderRel8 | All Clear Foundation | Peer-to-peer chat app for first responders to connect, commiserate and celebrate anonymously | L | L | Responder Resources | Private Chat |
| Response for FirstNet® | Intrepid Networks | FirstNet-exclusive app that allows teams and groups of users to coordinate, collaborate and communicate | C | C | Operating Picture | Public Safety |
| RumbleUp | RumbleUp | P2P system that sends 1-on-1 SMS & MMS text messages at speeds of 2500/hr | ~ | L | Public Engagement | Mass Peer-to-Peer Messaging |
| SAFEBUS by Predictable Ryde | Predictable Ride Inc. | School Bus & Rider tracking App for the Sonim XP8, Sonim XP5S, and Samsung Galaxy Tab A 8 inch. | L | ~ | External Awareness | School Safety - Buses |
| SafetyDrone | Drone Analytics | Provides public safety with a dedicated app for tracking uav operations and compliance | L | L | External Awareness | Drone - Flight Logs |

| MOBILE APP NAME (Link to FirstNet.com Resource) | PROVIDER (Link to Provider Website) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | APP CATEGORY | KEY SUPPORT |
|--|--|---|---------|-----|---------------------|----------------------|
| SchoolGuard | Guard911, LLC | Mobile panic button app for K-12 school staff in school shooting emergencies | L | L | Public Engagement | School Safety |
| Shield Force | Tyler Technologies | MDT via smartphone, tablet or watch - always connected to CAD and Mobile Dispatch in the field | ~ | L | Mission Activities | Calls-for-Service |
| Sonim Scan | Sonim Technologies, Inc. | Turns Sonim XP8 devices into a barcode scanner | C | ~ | External Awareness | Digital Scanner |
| Tango Tango | Tango Tango, Inc. | Mobile PTT & radio integration: interoperable communications, total coverage and cross channel visibility | C | C | Communications | Push-to-Talk |
| TBL Universal Reporting | TBL Systems, Inc. | Exclusively for Law Enforcement Agencies - e-Citation, e-Case Reporting, e-Dispatch & Crime Analysis | ~ | L | Mission Activities | Law Enforcement |
| TeamConnect | TeamConnect, LLC | Revolutionary push-to-talk over cellular mobile workforce management solution | L | ~ | Communications | Push-to-Talk |
| TULU Pro | Qnexus, Inc. | Fast and easy to use app to send emergency alerts and locate and communicate with users in an emergency | L | L | Communications | Emergency Response |
| TX eFOG | DHS - CISA | Off-line access, mobile version to the State of Texas Field Operations Guide | L | L | Responder Resources | Ops Resource - State |
| USPD Hub | LogicTree IT Solutions, Inc. | Mobile communication hub for agency notifications, bulletins, calendars, etc.. | L | ~ | Responder Resources | Agency Information |
| Visual Labs Smartphone BWC | Visual Labs Inc. | Body camera, digital camera and audio recorder, plus livestreaming and location analytics. | C | ~ | External Awareness | Body-Worn-Camera |
| Visual911+ | Southwest Synergistic Solutions, LLC | Ability to share GPS location & alert status to defined users/groups, visual signaling included | L | L | Public Engagement | On-Scene Info |
| Vitals First Responder | Vitals™ Aware Services, Inc. | Helps police and first responders identify, and effectively engage, with vulnerable individuals | L | L | Public Engagement | Encounter Awareness |
| Vizsafe | Vizsafe, Inc. | Real-time situational awareness platform with incident reporting, communications and live cams. | L | L | Operating Picture | Public Safety |
| WV eFOG | DHS - CISA | Off-line access, mobile version to the 'Field Operations Guide' for the State of West Virginia | L | L | Responder Resources | Ops Resource - State |
| ZIMPERIUM Mobile IPS / zIPS | Zimperium | Designed to protect users from advanced mobile threats | L | L | Endpoint Security | Threat Protection |

L = Listed
C = Certified
~ = Not Included

COMING SOON:

| MOBILE APP NAME (Link to FirstNet.com Resource) | PROVIDER (Link to Provider Website) | SUMMARY DESCRIPTION OF MOBILE APP | Android | iOS | APP CATEGORY | KEY SUPPORT |
|--|--|--|---------|-----|--------------|-----------------|
| ERinfoPRO | ERinfoPro, Inc. | Determines patient's identity, medical conditions and emergency contacts | L | ~ | Awareness | Patient History |

ⁱ The information hierarchy (aka DIKW Pyramid) outlines the process of scaling data through the evolution of wisdom and value: Data, Information, Knowledge and Wisdom. It can be applied to the steps of situational awareness in a public safety technology context as follows:

1. Gather the right data from all the right sources
2. Fuse the data from multiple sources to generate the most relevant and accurate information
3. Analyze current, past and projective information to generate sound knowledge and recommendations
4. Present the right information, to the right people, in the right way, at the right time to enable the wisest of immediate actions.