

The Internet of Lifesaving Things: Smarter Cities, Smarter Response

With all 50 U.S. states, five territories, and the District of Columbia opted into FirstNet, AT&T is given a unique opportunity to bridge public safety capabilities with the Internet of Things (IoT).

It's an exciting time to explore how technology and connectivity will transform public safety in 2018 and beyond. Here's how we see the intersection of IoT and FirstNet helping support public safety. Some already exist and others are future possibilities.



Connected Vehicles

Our all-in-one fleet tracking and management solution, Fleet Complete, just launched for FirstNet customers. It helps dispatch centers and first responders see the status of vehicles in the field like never before. It comes fully integrated with [Enhanced Push-to-Talk](#), giving first responders a built-in communications platform. That means fleet managers and dispatch centers can speak directly with field operators and first responders.



Connected Infrastructure

We're working to make cities and municipalities more tech-driven. This can benefit public safety in a big way. Take smart lighting solutions, for instance. Right now, through our [Digital Infrastructure](#) solutions, we can retrofit existing lighting to help cities monitor traffic and road conditions and provide situational awareness. This helps cities identify and proactively manage repairs, road closures, and maintenance needs to keep roads safer. This could help firefighters choose the fastest route to a house fire. And decibel sensors placed on lights around the city could also help police detect gunshots when and where they happen.



Connected Drones

We're working to help first responders improve outcomes. Imagine if paramedics could see what was happening at a car accident before they arrived. The potential to deploy a connected drone and collect information from the scene of an emergency could help EMS personnel make key decisions about the type of response needed. The seconds saved could mean the difference between life and death.



Connected Gear

Wearable cameras can provide "see-what-I-see capabilities" to support search and rescue. And along with cameras, wearable sensors can feed data to incident commanders and first responders. This is critical to help improve situational awareness. For example, the leading cause of death on the job among firefighters is cardiac arrest.¹ Monitoring firefighters' health data can send early warning alerts to help keep them safe.

All public safety traffic on the FirstNet platform will be routed through a dedicated core with end-to-end encryption to help meet first responders' sensitive communications needs.

AT&T is helping shape the future through the Internet of Lifesaving Things innovation. We plan to make it easy for first responders to manage their connections through the launch of [AT&T Control Center](#) for FirstNet in the first quarter of 2018. We look forward to empowering first responders by placing innovative and dependable new tools in their hands to help them respond to incidents more quickly, safely, and effectively.

For more information about the Internet of Lifesaving Things, visit the [AT&T Newsroom](#).

¹Based on a [2015 report](#) from the National Fire Protection Association.

