

# 5G First Responder Lab: Creating response-ready technologies

Article



ready ✓

There's ready. And then there's response ready.

First responders embody that distinction. Their workplace is wherever people are in crisis, which often puts them in unpredictable and potentially volatile situations.

Situations where communication and near real-time information can literally mean the difference between life and death.

Verizon is committed to helping first responders become more response ready, by working to create solutions that help improve preparedness and situational awareness for them and their teams.

We're building our 5G Ultra Wideband network right to support public safety. And we're working to build our next-generation solutions right, too, by collaborating with responders to determine their most pressing needs, and working to develop solutions that speak to those needs through the Verizon 5G First Responder Lab.

**The Verizon 5G First Responder Lab, a collaboration between Verizon and ResponderXLabs, is a first-of-its-kind innovation incubator dedicated to creating 5G-enabled solutions for public safety.**

We're currently partnering with a dozen companies to develop and advance solutions that use computer vision, augmented and virtual reality (AR and VR), robotics, multi-access edge computing, real-time analytics and other leading-edge technologies to provide powerful new capabilities.

Combined with the 5G Ultra Wideband network, with its ultrafast speeds, ultralow latency and massive capacity, these solutions have the potential to revolutionize the way first responders do their jobs.

5G Ultra Wideband could someday enable many things. It could help firefighters see through smoke. Rescuers could find victims more easily in rubble. Commanders could get near real-time insights into – and views of – crime and disaster scenes. Public safety agencies could train personnel using immersive and interactive 360-degree simulations. And so much more.

We're aiming to deliver our new solutions to public safety agencies throughout the country this year, making good on our goal of bringing 5G to first responders first.

And this is just the beginning. The future of public safety will be powered by 5G. We know, because we're not waiting for the future – we're building it.

---

## Learn more:

To learn more about the response-ready solutions being developed at the 5G First Responder Lab, visit:

**5G First Responder Lab** >

**Response-ready solutions** >