



## OUR OUTREACH

### Funding Opportunities

PSCR not only conducts internal research but also puts substantial resources into promoting the development of these technologies externally through grants, cooperative agreements, and Open Innovation Prize Challenges. These efforts give NIST access to experts and innovators from around the world, and greatly expand the number of researchers focused on key public safety communications issues. To date, PSCR has awarded over \$52M in grants to 46 recipients, and more is on the way.

### Stakeholder Engagement

Effective two-way communication between PSCR and public safety practitioners is critical to the success of the program. PSCR regularly hosts events to gather insights and input from this essential community. In 2018, more than 100 first responders participated in PSCR events, including roundtables and workshops. In addition, PSCR performs regular outreach via email.

### Research Outcomes

PSCR holds an Annual Public Safety Broadband Stakeholder Meeting to share the latest in research outcomes and impacts with the first responder community. In 2018, PSCR brought over 30 sessions and 40 demonstrations on internal and external projects to more than



500 public safety stakeholders. The filmed sessions and slide presentations, as well as other PSCR tools and resources — including over 40 published papers, reports, and documents, as well as three technology roadmaps — can be found online at [PSCR.gov](http://PSCR.gov).

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NIST's mission is to promote U.S. innovation by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life.

Printed in the USA 05/2019

[www.pscr.gov](http://www.pscr.gov)

# THIS IS PSCR

## Public Safety Communications Research

**NIST**



# PUBLIC SAFETY COMMUNICATIONS RESEARCH

The Public Safety Communications Research (PSCR) Division is the primary federal laboratory conducting research, development, testing, and evaluation for public safety communications technologies.

## RESEARCH AREAS

PSCR conducts internal research at its laboratories across five key public safety technology areas:

- LMR to LTE
- Mission Critical Voice
- User Interface/User Experience
- Location-Based Services
- Public Safety Analytics

And two cross-cutting technology areas:

- Security
- Resilient Systems



## ABOUT PSCR

The division is housed within the Communications Technology Laboratory (CTL) at the National Institute of Standards and Technology (NIST). It addresses the research and development necessary for critical features identified by public safety entities beyond the current generation of broadband technology.



## OUR MISSION

PSCR is driven towards advancing public safety communications technologies by accelerating the adoption and implementation of the most critical communications capabilities to ensure the public safety community can more effectively carry out their mission to protect lives and property during day-to-day operations, large scale events, and emergencies.