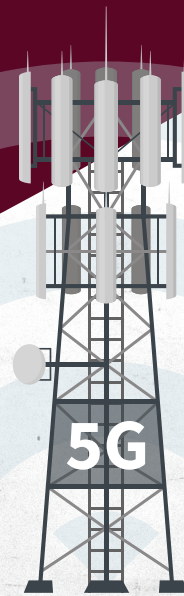


The Art of the Possible: Enhancing Veterinary Emergency Response with 5G Technology



TEXAS A&M UNIVERSITY
**Veterinary
Emergency Team**
vetmed.tamu.edu/vet

Demonstration:

The Texas A&M Veterinary Emergency Team (VET) used the power of the RELLIS 5G Testbed to consult with a veterinarian at the Veterinary Medical Teaching Hospital on campus from one of the team's medical platform trailers. **The capability to stream high-definition video and transfer large image files will greatly increase the potential for consultations with specialists not on location when the team is deployed.**

More possibilities with 5G technology:



— Management of teams in the field using real-time maps showing the location of field teams and allowing for more efficient dispatching of resources.

— Creation and storage of medical records in real-time, ensuring proper care, sheltering, and reunification efforts.



Serving Our State & Nation—Every Day

The VET is the largest, most sophisticated veterinary medical emergency response team in the country. Since its creation in 2011, the VET has cared for thousands of animals while responding to areas impacted by wildfires, tornadoes, hurricanes, floods, and more. The VET also serves by:

- providing opportunities for veterinary students through collaborations with state agencies and jurisdictions,
- helping Texas communities develop emergency plans for animals,
- assisting feedlots with developing plans to continue operations in the event of an infectious disease outbreak, and
- supporting the Texas Task Forces through veterinary support to canine teams during trainings and deployments.

Recent deployments include the Eastland County Wildfires, in March, where more than 200 animals were seen, the team worked with aerial spotters for the first time, and students deployed with the team for the first time since the beginning of COVID-19; and the Operation Lone Star Readiness Exercise, in July 2021, where more than 700 animals seen in Raymondville, which does not have a practicing veterinarian. Renamed Operation Border Health, the VET will participate in this readiness exercise, coordinated by the Texas Department of State Health Services, again in July 2022.

