

Portable 5G Emergency Communications Solutions

INSTANT ON-SCENE CONNECTIVITY WITH THE USAT TRACK BOX



Meet Zach

Zach is the EM Coordinator for an Emergency Operations Center. When disasters strike his county, it falls to him and his team to coordinate emergency relief efforts county-wide. When a hurricane made landfall last year and power lines and broadband communications went down, he found himself in the dark, along with thousands of his fellow counties residents. Luckily, he had a back-up plan already in place that saved the day.

The Challenge | Back-Up Communications for Emergency Operations

Zach heard about a storm from his predecessor that took out power and communications within their county EOC. The event they described involved several difficult days without the ability to effectively coordinate relief efforts. Zach set to work researching solutions that would allow his team and various first responder agencies to keep in contact, even under punishing conditions. That's why the next time a powerful storm made landfall, his team was ready to deal with the aftermath, even after the lights went out and the generator failed.

The Solution | The USAT TRaCK Box With Embedded 5G Cradlepoint Router

Emergency Management Departments operate with a clear mission- to protect the citizens and environment from the effects of disasters and emergencies both natural and man-made. If they can't communicate with local, state, and federal agencies to coordinate their relief efforts it puts human lives at risk. That's why Zach was determined to find a solution that could keep his team connected both in the office and in the field. What Zach found was the USAT TRaCK Box- a portable, ruggedized, and self-contained communications kit that was designed to provide data and voice services quickly and reliably. Its specially designed battery is capable of powering operations for up to 48 hours at the flip of a switch. The newest model features the R1900 5G Router from Cradlepoint capable of lightning fast communications at up to 4.14 Gbps over 5G networks (and up to 2 Gbps over 4G).



The Results | Reliable and Rugged Connectivity

The TRaCK Box provided non-stop data services during their relief efforts- alternating between battery and hardline power from portable generators. With connectivity provided by the R1900 and embedded panorama antenna, his EOC was able to log incidents and events within their information management systems, share updates with state and federal resources, coordinate rescues, evacuations, and more. And with several TRaCK Boxes deployed in the field his team was able to effectively direct the activities of hundreds of volunteer workers.

The Team | IoT and M2M Communications Experts

For over 25 years USAT has provided expert connectivity solutions to public safety agencies. Our team provides outstanding support for all aspects of your mission-critical fixed and mobile communications projects. The solutions engineers we employ configure, provision, kit, and ship all your devices hot and ready for immediate use. And as always, our technicians ensure your devices are functioning securely, reliably, and at peak performance.



CONTACT US TO ENGINEER YOUR CONNECTIVITY SOLUTION TODAY

