USAT Connect What's Critical™

MCA Mobile Communications America

USAT | VISUAL USE CASE

5G Branch Enterprise Communications

PRIMARY AND FAILOVER CONNECTIVITY FOR PUBLIC SAFETY CENTERS

Meet Director Silva

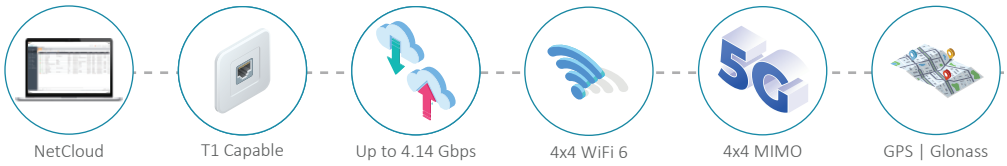
Mia Silva is the Public Safety Director for a large municipality along the southeastern coast of the USA. When disasters strike, it falls to her to coordinate emergency relief efforts across all the departments under her supervision. One year, after a hurricane made landfall, power lines and broadband communications went down across several police and fire stations citywide. She, and the respective chiefs she relied on, found themselves in the dark, along with thousands fellow city residents. With communications severely disrupted, hours and lives were lost waiting for systems to come back online.

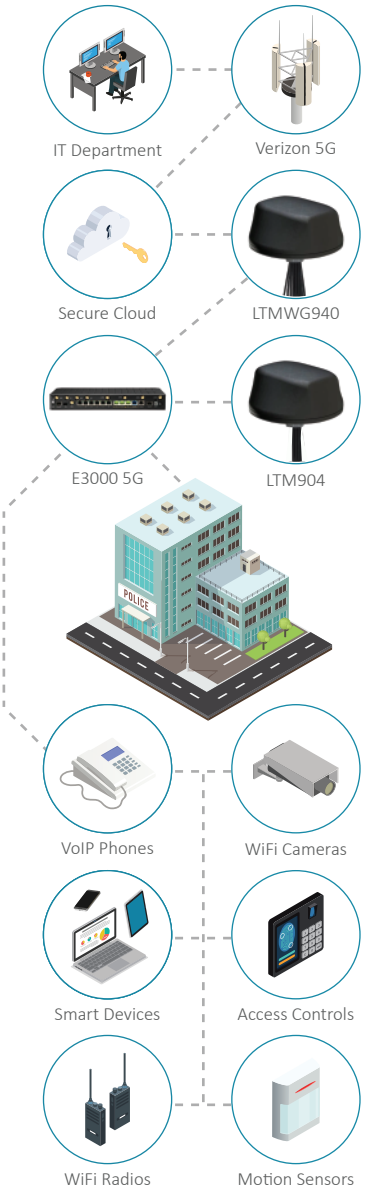
The Challenge | Reliable Communications for Emergency Management

The event above involved several difficult days without the ability to effectively coordinate relief efforts. After that ordeal it was clear to Director Silva that the city's public safety infrastructure had to be insulated against power and communications outages. Her department operates with a clear mission- to protect city inhabitants and environs from the effects of emergencies- big, small, natural, or man-made. She set her IT team to researching solutions that would allow the city's myriad of first responder agencies to keep in contact, even under suboptimal conditions. That's why the next time a powerful storm made landfall, her team was ready to deal with the aftermath, even after the lights went out and the phones went down.

The Solution | 5G Connectivity with Cradlepoint Enterprise Routers

First her team procured and installed back-up generators at all critical facilities. But that only solved part of the problem. If they still couldn't communicate with local fire, police, and EMS departments to coordinate relief efforts it puts lives and city infrastructure at risk. Because of that, her team was determined to find a solution that could keep all departments and personnel connected. After finding USAT through NCPA, they reached out for help. After assessing their needs, we were able to recommend and install Cradlepoint 5G Enterprise Branch Routers at each station. That way, stations could utilize primary T1 lines, and automatically failover to the strongest 5G and 4G signals should service ever become interrupted or slow to unacceptable levels. With NetCloud Enterprise Branch services, her team could remotely monitor connectivity statuses across citywide.





The Results | Expanded Capabilities and Reliable Connectivity

Silva's larger and more secure facilities were able plan out improvements to their security and communications technologies now that all locations were capable of secure, lightning fast, and continuous access to Ethernet and Wi-Fi based connectivity. We strategically located Mobile Mark antennas to provide wireless connectivity inside and outside of each station, enabling the use of automated vehicle data dumps, video monitoring, access controls, and so much more.

The Team | Government Communications Experts

For over 25 years USAT has provided expert connectivity solutions to public safety agencies. And through our partnership with MCA, we're able to offer an expanded portfolio of security and radio systems that compliment our existing capabilities. Our teams provide 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 connectivity devices hot and ready for immediate use. And when you utilize our installation services, our technicians ensure your devices are functioning securely, reliably, and at peak performance.

CONTACT US TO ENGINEER YOUR 5G CONNECTIVITY SOLUTION TODAY