Utility workers, EV charging technicians, fire and security alarm installers and wireless site installations of all types have been using Octopus™ 4G LTE Signal Meter to identify, verify and optimize wireless IoT and M2M installations.

The latest Octopus™ models include AT&T’s First-Net® Band 14. This allows professional wireless technicians and also emergency responders (no wireless skills required) to scan their area to ensure that FirstNet® is always running in case of emergencies.

From there, Octopus users can drill down further to gather more data on the signal strength of the nearby FirstNet® network in order to install repeaters and align directional antennas. When networks get jammed with emergency calls and first responders cannot reach each other, dedicated wireless signal meters like Octopus help maintain the public safety.

Emergency services and first responders aren’t the only ones that rely upon broadband connectivity. As part of our nation’s critical infrastructure, energy providers, water treatment plants and utility companies of all kinds also rely on FirstNet® connectivity during emergencies to maintain communications.
LMRs (Land Mobile Radios) cannot be everywhere they’re needed all the time, especially to off-duty officers that still need to communicate with dispatch or fellow officers. First Priority® means responders using FirstNet enabled smart phones remain first in line with priority access to network capacity at all times.

AT&T has recently topped over 4 million FirstNet connections to more than 23,000 public safety agencies. That milestone was only achieved by allowing the FirstNet Authority’s valuable 700 MHz Band 14 spectrum to be shared with the public on a limited basis.

Sharing and data throttling among millions of users requires serious IT management and informed cellular installations and antenna placement and alignment. Dedicated 4G wireless signal meters help keep police, fire and EMS stay on the same page when emergencies present themselves.

Our nation’s firefighters rely on training, a network of alarm systems and advanced gear such as two-way radios for communications. But sometimes the radios cannot reach their targets or they are just not as handy as a cell phone that everyone has. That is why firefighters also rely on AT&T’s FirstNet to prioritize communications between registered first responders. Whether it’s a call from the firehouse, an individual firefighter en route or the site of a four-alarm fire, FirstNet cellular calls must be prioritized over other non-emergency data in order to save lives.

Wireless installers rely on their own gear to ensure cellular connectivity across the country. This same gear determines FirstNet signal booster placement and antenna alignment.

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