

RUGGED CONSTRUCTION SITE CONNECTIVITY

5G Connectivity for Construction Operations

Delays during construction projects can cost your organization big time. Whether brief or prolonged, construction delays can impact the faith your clients and investors hold in your company's ability to meet promised deadlines. Many builders are looking to ensure all their construction sites are networked with the fastest connectivity solutions possible to improve communications, minimize downtime, and boost productivity.



Business Needs | Fast and Reliable On-site Communications

Fast and reliable job site connectivity is no longer a wish list item, it's a must-have. It has become standard practice to utilize technologies that help ensure on-site safety, security, and efficiency. From wireless cameras to hand-held radios, seismic and sound monitors, laptops, tablets and more, the number of devices that need to get and stay connected have increased considerably - especially since the days iron workers use to eat from lunchboxes as they dangled hundreds of feet above city streets. All these pieces of equipment whether directly or wirelessly connected, need the latest and most rugged communications devices capable of operating on the fastest carrier networks to function optimally.

Solution Overview | 5G Adapters and Omni-Directional Antennas

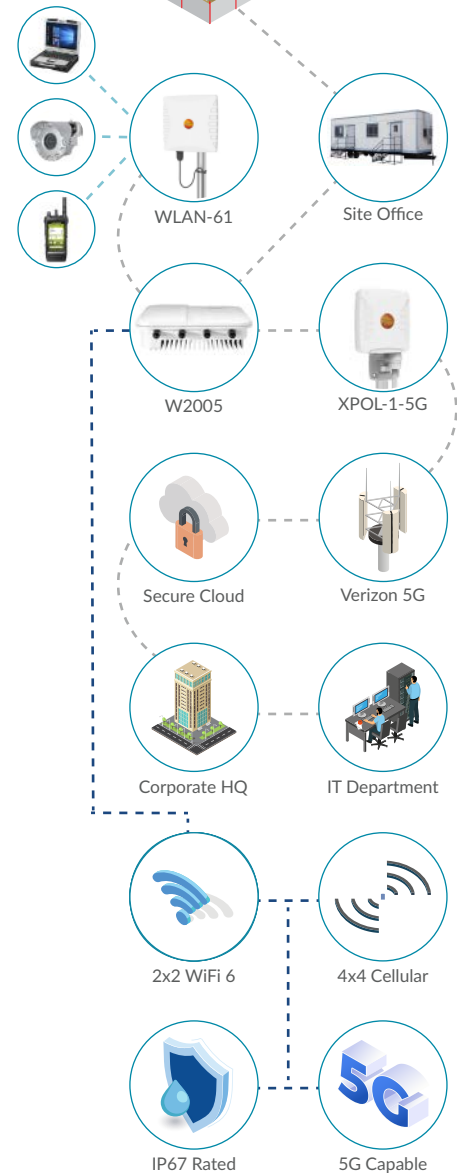
It's slow, costly, and impractical to network job sites via hard-line communications. It then becomes necessary to utilize wireless connectivity solutions that can be deployed quickly, easily, and cost effectively. New outdoor wideband adapters from Cradlepoint and outdoor antennas from Poynting - provided by USAT and activated on the Verizon network - can get your construction sites online fast, with the strongest and most reliable low to mid-band 5G signals when available in your region, and similarly impressive LTE signals when not. And with well positioned directional antennas, you can ensure maximum WiFi coverage across sites big and small. All this equipment was built to withstand shock, vibration, wind, water, dust, and more - making them perfect for harsh outdoor construction environments.

Benefits Observed | Increased Job Site Communications and Awareness

With Rugged Avigilon Cameras, Motorola Ion Radios, Panasonic Toughbooks, and Deep Earth Logic sensors from RTO and its' partners you can maintain job site safety while ensuring compliance with city ordinances - streamlining site communications and avoiding construction delays and fines. Your teams hand-held radios will connect immediately, your wireless video will stream lag-free, and your sensors will send noise and vibration data in real-time - all enabled by a lightning fast network infrastructure the team at USAT can help you deploy. And, with NetCloud, your central operations team can monitor the connectivity devices in use across every active job site from behind a single pane of glass.

Our Team | Device Provisioning, Activation, and Installation Services

For over 17 years RTO has provided expert IoT connectivity solutions to firms serving the technology needs of construction companies. We provide top-tier support for all aspects of your mission-critical fixed and mobile connectivity projects. The solutions engineers we employ configure, provision, kit, and ship all your devices hot and ready for immediate use. And when you utilize our installation services, our techs ensure each device is functioning securely, reliably, and at peak performance on ultra-fast network carriers like Verizon.



5G Adapter: W2005	Software: NetCloud	WiFi Antenna: WLAN-61	5G Antenna: XPOL-1-5G	Network: Verizon
-----------------------------	------------------------------	---------------------------------	---------------------------------	----------------------------

CONTACT RTO TO ENGINEER YOUR CONNECTIVITY SOLUTION TODAY