

# Cradlepoint 4G LTE WWAN Network Solutions for Construction

## CHALLENGE: THE NEED FOR HIGHLY AVAILABLE, SECURE CONNECTIVITY FROM DAY ONE

As temporary fixtures, construction site offices and marketing sales suites are reliant on access to their central databases and systems. They require fast and secure connectivity from the start of the project build – yet wired line solutions can rarely meet this time-based objective, resulting in months of costly delays between the project start and connection dates.

Other options such as USB modems aren't rugged enough or business-grade, meaning these devices frequently break and fail to deliver the quality of connection required. As the use of more advanced applications grow in the construction industry, such as Building Information Modeling (BIM), the need for increased bandwidth grows, too – further diminishing the reliability of these options.

**CONSTRUCTION PROFESSIONALS NEED TO KEEP UP WITH THE LATEST TECHNOLOGIES AS THEY CAN SAVE TIME, MONEY & LIVES.<sup>1</sup>**

## 4G LTE MOBILE WWAN NETWORKING FOR INSTANT, SECURE CONNECTIVITY

By leveraging the power of 4G LTE wireless network solutions, construction companies can implement fast, secure connectivity from day one of the site build – empowering the site to progress at full speed, right from the start. A wireless WAN (WWAN) solution delivers a reliable, temporary network – giving sites the access they need to their centralized back-office systems and applications.



Wireless connectivity also provides an excellent failover solution once a wired line is in place, securing the site's connection to central databases and systems even when the wired line fails. It can also provide primary connectivity in rural locations where wired lines are unavailable or too expensive to install.

## CRADLEPOINT ADVANTAGES:

- + **Remote monitoring, maintenance, and updates:** Wireless networks require constant management, but when the network is highly distributed, consistent physical access to equipment is impossible. Cradlepoint's cloud-based management software Enterprise Cloud Manager makes it simple to configure, deploy, and maintain construction site networks.
- + **Designed for secure mobility:** Cradlepoint offers a range of secure mobile networking platforms to meet the varying needs of construction site offices and marketing suites. The COR Series of platforms are compact, ruggedized solutions perfect for tougher construction environments, while the AER Series intelligently manages converged wired and wireless connectivity to provide a highly available network.
- + **Advanced application support:** Providing fast and reliable cellular connectivity, Cradlepoint's feature-rich devices can support a wide variety of applications within the construction industry – from remote access to centralized systems and best-in-breed security applications to guest WiFi in marketing sales suites.

## SUMMARY

In an industry where time wasted is money wasted, it is essential to have connectivity from day one of a construction site's project so that work can proceed at full speed from the beginning. Cradlepoint's cloud-delivered solutions provide both instant connectivity and peace of mind.

## SUCCESS STORY: SLOAN SECURITY

Sloan Security is a US-based nationwide provider of physical security systems, and often deploys construction crews to extremely remote places where no wired connectivity is available, yet the teams heavily rely on connectivity to access their systems.

Having previously shared a single laptop with an aircard, employees had to wait their turn to file their reports – causing inefficiency and delays to projects. When CEO and owner Brice Sloan learned about Cradlepoint and how it would allow multiple crew members to share a single cellular broadband connection, he said, "We have to get some of these."

**"It has been a great device for us. We put it in our construction trailer and the whole trailer becomes a WiFi connection for everyone,"** said Sloan. **"I'm impressed how [the Cradlepoint] has performed under hostile conditions. We've had zero problems."**

– BRIAN SLOAN  
CEO & OWNER, SLOAN SECURITY

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<sup>1</sup><http://www.constructiondive.com/news/10-trends-defining-the-construction-industry/404564/>