

Connecting Sites for Mission-Critical Communications

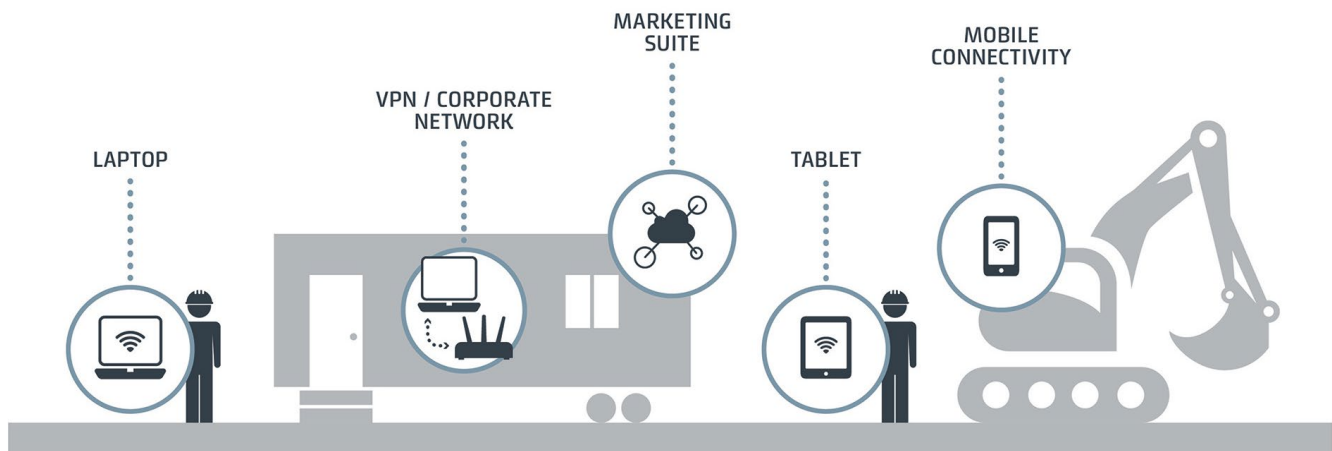
CHALLENGE: THE NEED FOR HIGHLY AVAILABLE AND SECURE CONNECTIVITY FROM DAY ONE

As temporary fixtures, construction site offices and marketing suites are reliant on access to their central databases and systems. They therefore require fast and secure connectivity from the very start of the project build – yet fixed 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 dongles aren't rugged enough or of a business-grade, meaning that 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 digital marketing suites, the need for increased bandwidth grows too – further diminishing the reliability of these options.

SOLUTION: 3G/4G MOBILE NETWORKING SOLUTIONS PROVIDING INSTANT, SECURE CONNECTIVITY

By leveraging the power of 3G/4G networks, construction companies can implement fast and secure connectivity from day one of the site build. Empowering the site to progress at full speed, right from the start, a mobile networking solution delivers a reliable, temporary connectivity solution while waiting for the fixed line to be installed – giving sites the access they need to their centralised back-office systems and applications.



Wireless connectivity also provides an excellent failover solution once the fixed line is in place, securing the site's connection to their central databases and systems even when the fixed line fails. It can also provide primary connectivity in rural locations where fixed line speeds will not suffice.

CRADLEPOINT ADVANTAGES

- + **Remote monitoring, maintenance, and updates:** Wireless networks require constant management, and when the network is highly distributed, consistent physical access to equipment is impossible. Cradlepoint's cloud-based management software makes it simple to configure, deploy, and maintain networks.
- + **Designed for mission-critical networks:** Cradlepoint offers a range of mobile networking products to suit the varying requirements of construction sites. The COR family of products are compact, ruggedised 3G/4G networking solutions perfect for tougher construction environments, while the AER range intelligently manages converged wired and wireless connectivity to provide a highly available connected experience at the Network Edge.
- + **Advanced application support:** Providing fast and reliable 3G/4G cellular connectivity, Cradlepoint's feature-rich devices can support a wide variety of applications within the construction industry – from remote access to centralised systems, to guest WiFi in marketing 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 very beginning. A temporary measure, which can then convert to failover for optimised connectivity, a Cradlepoint device provides both instant connectivity and peace of mind on an ongoing basis.

SUCCESS STORY: SLOAN SECURITY

Sloan Security is a US-based nationwide provider of physical security systems, and often deploy 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 slowdowns to projects. When CEO and owner Brice Sloan heard about Cradlepoint from a friend 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**