

Construction company reaches new heights with reliable cellular connectivity

Customer:
Coffrages Synergy

Industry:
Construction

Use Case:
Pop-up network

Coffrages Synergy uses 5G-connected Sky Shacks to keep high-rise workers connected to key applications

Challenge

Coffrages Synergy, a leading Montreal-based construction company specializing in formwork and high-rise towers, stands out for its innovative spirit and constant quest for new challenges. With active construction sites in Ottawa, Gatineau, Quebec City and Montreal, and over 1,500 dedicated employees, the company faced a major challenge: maintaining reliable internet connectivity on its vast construction sites.

As Synergy increasingly relies on cloud-based tools for project management, collaboration and data sharing, the limitations of traditional wired networks became a significant obstacle. Extending wired networks across multiple floors of a high-rise project proved not only time-consuming and disruptive to ongoing construction, but also costly and inefficient. In keeping with its commitment to innovation, Synergy sought a wireless

solution that could keep pace with its mobile workforce and meet the growing demands of its construction projects. This approach perfectly illustrates the company's mission to push back the boundaries of engineering and construction, by finding innovative solutions to overcome obstacles.

Solution

Synergy deployed innovative, portable office units outfitted with Ericsson Cradlepoint cellular routers. These routers create a robust Wi-Fi network, allowing devices like laptops, printers, and tablets to connect.

Benefits

This Wireless WAN solution has revolutionized Synergy's workflow. The company has experienced a significant reduction in downtime, as Sky Shacks can be

quickly relocated to new floors without the need for time-consuming wired installations. Improved connectivity has also enhanced productivity, enabling seamless access to cloud-based construction software, plans, and communication tools. These efficiencies have translated into substantial cost savings, eliminating expenses associated with wired infrastructure and on-site troubleshooting.

“We were able to easily configure the units with the support of our local Ericsson team and were able to quickly deploy our solution to the benefit of our workforce.”

Hughes Gagnon, vice president of innovation and technology, Coffrages Synergy

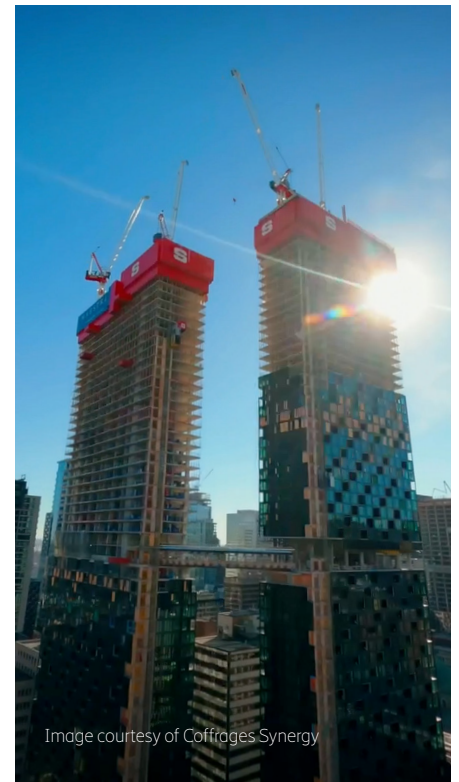


Image courtesy of Coffrages Synergy