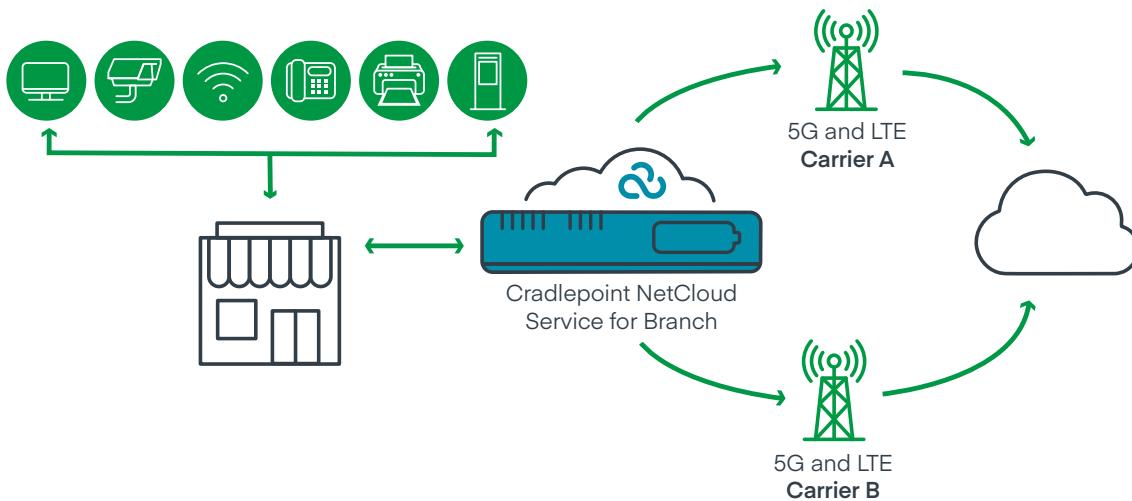


Using 5G and LTE as Primary Wireless in Fixed Sites

How high-performance cellular-only WAN configurations help businesses and agencies

The remote edge of enterprise WAN is where business transformation takes place, so network connections there must be flexible and powerful. But when wired connectivity is the default choice for those connections, enterprises may be setting themselves up for future challenges. In some distributed locations, businesses need the ability to use cellular only — a solution that's becoming more and more popular regardless of location.



Networking challenges

Lack of wired access in some areas

Rural settings or new developments may not have access to fiber, T1 lines, or other wired connections, creating islands of non-connectivity, even in urban or suburban locations. When DSL is an option, it's not sufficient for handling business backhaul.

Lengthy time to service

Wired networks require significant planning and execution, making it difficult or nearly impossible to respond to rapidly changing business needs. For seasonal, temporary, or pop-up locations, this could mean a complete operational standstill.

Trouble scaling with lean IT teams

Most branch locations aren't staffed with on-site IT experts, meaning wired network issues or expansions usually require third-party truck rolls or corporate travel for troubleshooting — an expensive resolution that can increase security threats and downtime.

“

Cradlepoint's 5G solution was a game-changer for us. By providing reliable 5G connectivity, Cradlepoint began solving every networking problem we had.”

Ben Kokenge, VP of infrastructure, Sabinal Energy Operating, LLC

Benefits of primary wireless solutions

Cellular goes where wires can't

Cellular first or wireless-only networks provide extensive coverage and reach across enterprise-class 5G and LTE networks. Businesses can still take advantage of WAN link diversity using Cradlepoint branch routers with support for multiple modems and carriers. If one carrier loses signal or performance, another can connect automatically — providing wireless-to-wireless WAN failover.

Day-1 connectivity

Wireless connectivity through a Cradlepoint branch router enables businesses to move, pivot, and expand rapidly. Rather than suffering through the cost and setup of cable installations, 5G and LTE networks can be brought online right out of the box.

Simple, scalable management from anywhere

Using Cradlepoint NetCloud Manager, lean IT teams can activate, manage, and troubleshoot hundreds of wireless routers from a single pane of glass — including the application of SD-WAN and advanced security policies. This frees up time for teams to focus on strategic projects and growth without being bogged down in the management of remote equipment or dozens of providers.

Cradlepoint NetCloud Service with Wireless WAN Routers



Learn more at cradlepoint.com