

# Ideal scenarios for pairing satellite with cellular

## Organizations use multi-WAN routers to seamlessly combine satellite and 5G in vehicle, remote sites, and more

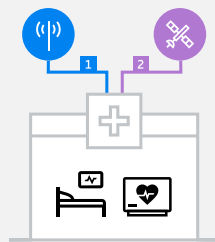
### The benefits of pairing satellite and 5G

Businesses are faced with many decisions every day — the choice between using satellite or cellular shouldn't be one of them. While each technology has advantages, the real potential unfolds when harnessing both together to deliver better network flexibility, reliability, and performance for enterprises.

Low-orbit satellites like Starlink offer dependable coverage in rural or remote areas, but can come with limitations in coverage, security, and cost in locations where cellular networks excel. Pairing satellite with 5G solutions offers a better blend of latency and signal strength in densely populated areas, and increased capacity to handle congestion. It also ensures a more secure networking experience using Cradlepoint routers easily managed through a unified platform.

Organizations can effectively combine the advantages and performance of 5G and satellite technologies using link bonding or employing one as a failover link. Regardless of the approach, the powerful pairing of cellular and satellite promises a more resilient network for seamless connectivity.

### Satellite and 5G use cases



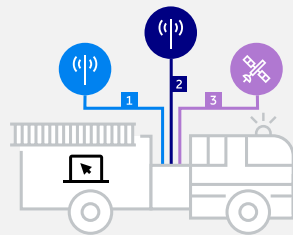
#### Failover from cellular to satellite

Using satellite as failover provides resilient and uninterrupted connectivity vital for mission-critical applications — especially in remote areas or environments with shifting coverage.



#### Bandwidth augmentation at fixed sites

IT teams can make evidence-based decisions that keep all applications running smoothly, whether with traditional configurations or a cellular-optimized SD-WAN solution, such as Cradlepoint NetCloud Exchange SD-WAN.



#### Backing up dual modems in vehicles

5G links spread between two carriers, with satellite as a third mobile connection option, provide the reliability and resiliency to connect vehicles and all the IoT devices within them.