

Your Pathway to 5G



Why Wireless WANs?

The adoption of cloud, mobile, IoT, and other technologies requires today's networks to not only stay connected 24x7, but to expand, contract, adapt, move, and evolve as business needs dictate. These needs make wireless broadband an essential WAN source as organizations look to address challenges such as speed-to-deployment, cost, and performance limitations.

5G for Failover

In areas where 5G is available, organizations with medium to large sites that require high availability should consider using 5G for wireless failover of all network traffic. This is a good way to develop experience with wireless WANs in preparation for using 5G as an active link or even going all wireless.

Drive Safely
In High
Availability Mode

Gigabit-Class LTE for Failover

Organizations that require high availability should consider Gigabit-Class LTE for wireless failover of all traffic at small to medium sites. This step helps build the wireless WAN expertise that is necessary to eventually use wireless as an active link or even leverage 5G once it's available.

**SPEED
LIMIT**
Gig LTE
50-350
Mbps

**SPEED
LIMIT**
Sub-6
.1-1.5
Gbps

Awesome
Apps Ahead

5G as an Active Link

Wherever 5G is available, organizations with medium to large sites that require higher bandwidth and WAN link diversity should consider using 5G as an active link. As their trust in cellular broadband and need for greater WAN flexibility rises, they can plan for all wireless deployments.

Gigabit-Class LTE as an Active Link

Businesses and agencies that need higher bandwidth and WAN link diversity should consider using Gigabit-Class LTE as an active link. As they gain greater confidence in wireless WANs, they can move to 5G as an active link or cut the cord entirely with Gigabit-Class LTE or 5G.

Merge to 5G
When Available

**SPEED
LIMIT**
mmWave
.3-3
Gbps

Watch for
Flat-Rate
Toll Roads

All Wireless with 5G

With 5G, organizations can gain the operational simplicity of an all wireless WAN with throughput that rivals fiber. They can use multiple modems for high availability.

All Wireless with Gigabit-Class LTE

In many scenarios, Gigabit-Class LTE delivers the speed and latency necessary for organizations to go all wireless, providing flexibility and operational simplicity. They can use multiple modems for high availability, and they can add 5G as soon as coverage is available.

