Wireless Access Solutions

DIGI
Connect with
Confidence

Wireless data connectivity is becoming increasingly important to enterprises of all sizes for business continuity, temporary connectivity, and Out of Band (OOB) management. It can also be used as primary connectivity for remote locations where high-speed broadband is impractical.

Intelligent Edge™ devices from Ribbon, like the EdgeMarc 2900-series, are equipped with multiple WAN connections and failover functionality to take advantage of wireless access. To provide a fully tested and integrated wireless solution, Ribbon has partnered with Digi International, a market leader in LTE modems and routers.

LTE routers from Digi, such as the 6310-DX, are optimized for primary or back-up wireless access. Its flexible design allows it to be placed where the cellular signal is strongest, maximizing uptime and performance. Containing a dual SIM removable cartridge, it requires only an active SIM card from your mobile carrier. It's a compact, affordable, and high-performance device that is globally certified for 4G LTE and 3G connectivity (3G in limited markets), with 5G on the horizon.

A primary application of a wireless backup solution is business continuity. Unplanned outages can cost companies significant time and money as well as frustrate employees and clients. Outages create a negative perception that is difficult to overcome, causing customer defections. Wireless data (4G LTE) bypasses all wireline infrastructure to provide the perfect companion to offer the best redundancy possible for a wireline circuit.

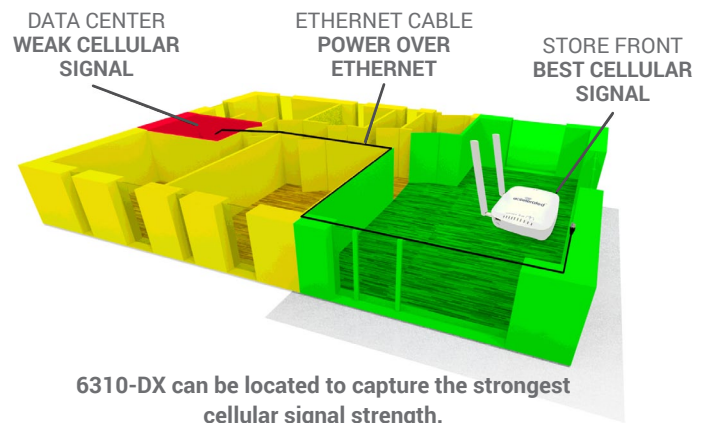SD-WAN from Ribbon is designed to use multiple WAN connections to optimize the user experience for both voice and

Digi LTE Router Benefits:

• Connects any ethernet device to a cellular network

• Powered by PoE – does not require an external power supply

• LTE certified modem is certified on most wireless carriers

• Embedded signal strength monitor to aid in device placement

• Cloud-based management portal (Accelerated View)

application traffic. In an outage to a primary WAN connection, the EdgeMarc will fail over to the wireless connection. SD-WAN will also look for degradation in the primary, switching to wireless if conditions warrant, which provides full redundancy for both outages and poor network conditions.

EdgeMarc combined with Digi LTE provides:

• A fully tested and certified wireless WAN solution
• Business continuity – secondary WAN connections
• Primary connection for smaller branch offices

DATA CENTER
WEAK CELLULAR SIGNAL

ETHERNET CABLE
POWER OVER ETHERNET

STORE FRONT
BEST CELLULAR SIGNAL

6310-DX can be located to capture the strongest cellular signal strength.

For more information, visit Digi LTE routers at accelerated.com and Ribbon EdgeMarc devices at info.rbbn.com/edgewater/

Contact Us   Contact us to learn more about Ribbon solutions.

Solution Brief

ribbon