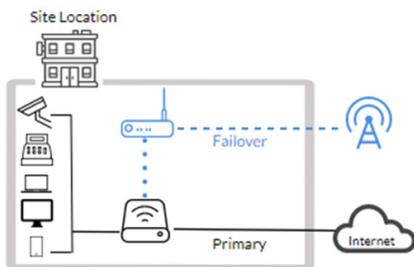


# 5G/LTE Cellular Survey: Finding the Optimal Carrier & Location for Cellular WAN Devices

## SURVEY

Wireless wide-area networks (WANs) are growing in popularity as the reliability and bandwidth of cellular networks improve with each technology evolution. Wireless WAN solutions are a quick and effective approach to staying connected from primary circuit failover to pop-up network install to day-one connectivity while waiting for internet providers.

### Basic Failover Solution



### Wireless Wide-Area Network Challenges for Branch Locations

#### Multiple Service Provider Options

Choosing the right wireless WAN failover solution for your business is important but choosing the right mobile service provider for your location is equally important. Wireless failover is dependent on the cellular signal quality received at the unit. Organizations wouldn't pay for a solution that wouldn't work, so selecting the right carrier can make all the difference in deploying a seamless failover solution.

#### Location of Failover Equipment

Finding the best placement and orientation for WAN equipment for optimal reception is critical to a successful deployment. Why spend money for a failover solution only to place it where there is no cellular coverage? Functionality and aesthetics are both factors when choosing the right location for the failover solution.

*"Outages cost enterprises \$700 billion a year, according to IHS study...this includes lost employee productivity (78%), lost revenue (17%), and actual costs to fix the downtime issues (5%)."*

*Source: Network Computing*

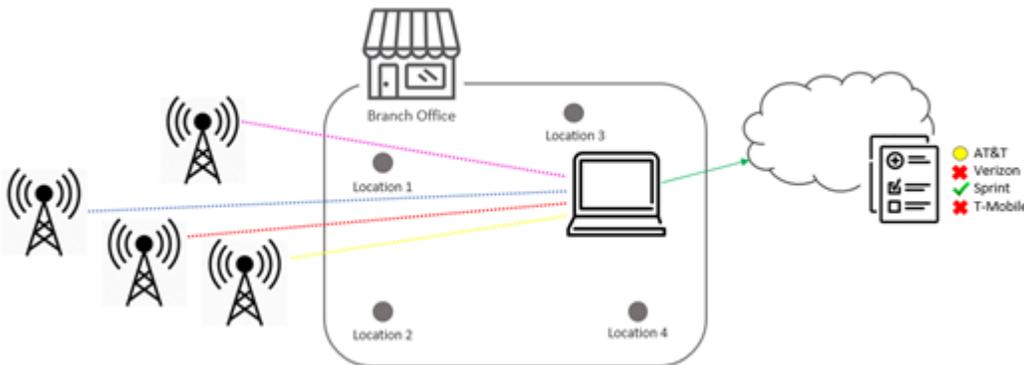
### Data Plan Costs

Many mobile service providers are available today, and each has different data plans to choose from. Deciding which carrier and plan to go with can be tricky. If you know which networks provide the best signal for a working solution and which do not, it makes the decision a no-brainer.

### New Era Technology LTE Cellular Survey

The New Era LTE Cellular Survey is a service performed on-site by a trained technician using custom-built survey tools. Surveys include running a performance test comparing each mobile network for signal strength, signal quality, download & upload speeds, and response time, among other criteria. Results of the survey are uploaded to a cloud server, and a custom report is generated displaying relevant factors to selecting the best mobile provider and the ideal location within the store.

### 5G/LTE Cellular Survey Diagram



### Benefits

- Confidently select the mobile carrier that provides the highest rated signal quality
- Manage data plan costs with a choice of carrier plans that meet required signal levels
- Select the best location for the failover solution accounting for aesthetics and functionality



### Questions?

To learn more, please contact New Era Technology at [solutions@neweratech.com](mailto:solutions@neweratech.com) or 877.696.7720.