NEXT-GEN WIRELESS

We're your Next-Generation Wireless Experts

BACKUP/SECONDARY CONNECTIVITY

Many customers looking to institute SD-WAN are looking for options for secondary and Tertiary Circuits to have a bulletproof environment. One of the reasons for looking at multiple circuits is that SD-WAN can provide resiliency to their environment at a fraction of traditional MPLS networks' cost.

MOBILE DEVICE MANAGEMENT (MDM)

Mobile Device Management and Expense Management are two areas the allow a customer to offload and secure their mobile assets.

PRIVATE LTE

A Private LTE network leverages localized micro towers and small cells — conceptually like Wi-Fi access points — to provide coverage and connectivity. It functions much like a scaled-down version of a public cellular network. Private LTE can be based on licensed, unlicensed, or shared spectrum. Private LTE provides benefits ranging from fixed-costs and enhanced data security to improved network performance, making Private LTE the best available wide-area LAN option for a variety of

WI-FI 6

Also known as 802.11ax, the latest generation and standard for wireless internet replaces the 802.11ac, or Wi-Fi 5, standard. Wi-Fi 6 combines high-speed Gigabit Ethernet wireless with the reliability of licensed radio. This is relatively new but will grow as access points will be rolling out in

5G

5G – The next generation of connectivity for wireless networks. 5G encompasses multiple wireless spectrums that can work at speeds up to 10Gbps. There are essentially three bands of the 5G spectrum: Low band, Mid band, and High Band.

DAS

A distributed antenna system is a network of antennas connected to a common source spread throughout a building or an area to improve network performance. A Distributed Antenna System can be designed indoors or outdoors and can provide wireless coverage in hotels, subways, airports, hospitals, businesses, roadway tunnels, etc. The wireless services typically provided by a DAS include PCS, cellular, Wi-Fi, police, fire, and emergency services.

CBRS

150 MHz of the spectrum formerly used for government use, known as Citizens Broadband Radio Service, has been released for public use. Like 5G, there is lower latency and higher speeds, making it more secure than the traditional wireless spectrum. There is a licensed and unlicensed tier of this service. The unlicensed tier provides an economical way to create private wireless networks

EXPENSE MANAGEMENT

Providers can evaluate customer spending and, in many cases, save the customer money by reducing spending. Also, they save the customer time and money by automating ordering and provisioning processes, proactively managing carriers, performing day-to-day device management, and providing detailed reporting & analytics of the products.

SMALL CELLS

Small cells look entirely different than the wireless infrastructure we have seen in the past. We are used to macro cells—those tall cell towers along highways and city rooftops. Small cells are, well, smaller. They are lower-power cell sites installed every few blocks instead of miles apart.

Call now to learn how this technology can benefit your business!