NEXT-GEN WIRELESS

We're your Next-Generation Wireless Experts

BACKUP/ SECONDARY CONNECTIVITY

Many customers that are looking to institute SDWAN 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 SDWAN 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 deployments.

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 enterprises.

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 3 bands of 5G spectrum: Low band, Mid band, 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 for use indoors or outdoors and can be used to 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 spectrum that was formerly used for government usage that has been released for public use. Like 5G, there is lower latency and higher speeds and is more secure than 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 like traditional WIFI networks.

EXPENSE MANAGEMENT

Providers can evaluate spend for the customers 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 management of the device, 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 you see along highways and city rooftops. Small cells are, well, smaller. They are lower-power cell sites that are installed every few blocks instead of miles apart.

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