The fixed wireless Barelas antennas/radios are installed on rooftops, existing towers and poles, where it is very difficult to reach. The system administrator and the fiber feed equipment are located in a secure room at BigByte. The system administrator manages access at the Media Access Control (MAC) level using Remote Authentication Dial-In User Services (RADIUS) authentication with Secure Sockets Layer/Hypertext Transfer Protocol (SSL/HTTPS) encryption. Additionally, "IP Source Guard" can be enabled to filter and control Internet Protocol (IP) access and traffic, and Dynamic Host Configuration Protocol (DHCP) snooping to filter and control DHCP messages. The wireless IgniteNet MetroLinq antennas/radios include normal WiFi WPA2 security and 128 bit AES encryption protection. Regular software updates are provided by IgniteNet to ensure there is on-going protection added as new threats emerge. Additionally, "Family Zone," an application ensuring age appropriate browsing and content, is available to manage user access.