

ABSTRACT

In embodiments, a client station operates to identify and prioritize time-sensitive short-range wireless packets, such as time-sensitive Bluetooth Low Energy (BTLE) packets, in a congested wireless environment. The client station may identify time-sensitive packets using, e.g., the type of device providing the packets, a state of the device providing the packets, and/or the type of data included in the packets. The client station may prioritize the time-sensitive packets in various ways, including by providing priority scheduling to the time-sensitive packets; pausing communication of other types of Bluetooth packets, such as A2DP packets; reducing a data rate of other types of Bluetooth packets, such as A2DP packets; and/or extending a data packet size of time-sensitive BTLE packets. The time-sensitive packets may thus be prioritized over packets associated with the same wireless protocol and/or a different wireless protocol.

[Figure 10]