SMPTE ST 2110-21 describes the traffic shaping and delivery timing of ST 2110 professional media over managed IP networks. It ensures that ST 2110 streams are able to be reliably transported over IP networks at scale and provides expectations for receiver manufacturers regarding buffer requirements while maintaining low latency. It also has options that can support both FPGA hardware-based solutions that interface with SDI, as well as software or virtualized solutions that may never interface with SDI.