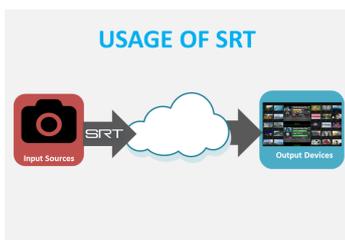


EA1317 - SRT Protocol

Secure Reliable Transport (SRT) Protocol provides Etere users with high-quality, low-latency, and secure live videos. With the help of Etere, users can manage their SRT outputs easily.



(SRT)



(srt)



(etx m multiviewer)

The Secure Reliable Transport (SRT) is a royalty-free, open-source video transport protocol that supports low-latency, high-performance streaming, even over unpredictable or unstable networks such as the internet. It accounts for packet loss, jitter and fluctuating bandwidth, maintaining the integrity and quality of your stream. The SRT protocol is used across all of Etere's broadcast workflows to provide the best and most secure experience for users.

How can SRT help you?

SRT detects and adapts to the real-time network conditions between the two endpoints, making it an automatically adaptable choice that eliminates the need for extra manual supervision. Your stream will always be steady as the SRT Protocol helps to compensate for jitter and bandwidth fluctuations that may occur when broadcasting to noisy networks such as the public internet. Equipped with an error recovery mechanism, it is able to reduce the packet loss that is usually typical of internet connections. AES 128/256 bit encryption is also supported for end-to-end security, keeping your streams safe from prying eyes.

Etere makes SRT usable for you

Users can enjoy more input sources other than SDI/NDI/IP with the introduction of SRT. The SRT can also be used as an output source for users across any Etere bottles. Etere eliminates the need of any additional payments for software or hardware that the switch to SRT requires, and makes SRT accessible for all users. Etere modules are optimised to adapt to the SRT Protocol, and is able to accurately manage the SRT without the need for any external add ons, while also providing users with unlimited SRT input and output. Perfect for both small and large businesses to manage their broadcast streams.

Where its used

Etere modules are all adaptable to be used with SRT. The best ways to use SRT is with the playout, master control, ingest, studio play, and scheduled ingest Etere modules.

Key Features

- ◆ Provides professional, high-grade video across any network.
- ◆ Replaces expensive satellite networks or rigid MPLS networks with the more affordable and flexible internet.
- ◆ Allows you to deliver two-way, interactive video from anywhere with an internet connection.

- ◆ Enables real-time IP communications as fast as UDP with the reliability of TCP/IP.
- ◆ Able to operate with MPEG-2, H.264 or even HEVC.
- ◆ Industry-standard encryption for security over the Internet.
- ◆ Royalty-free, next-generation open source protocol leads to cost-effective, interoperable, and future-proofed solutions.