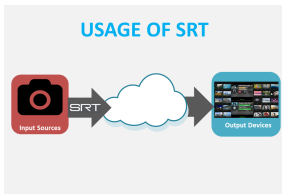


EA1317 SRT PROTOCOL

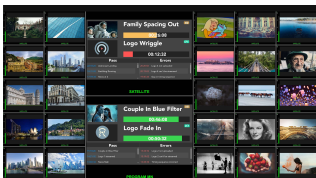
Secure Reliable Transport (SRT) Protocol provides Etere users high-quality, low-latency, and secure live videos. With the help of Etere, users can manage their SRT outputs easily.



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 like 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 Etere's broadcast workflows to provide users with the best and most secure experience.

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 can 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 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 Etere bottles. Etere eliminates the need for additional payments for software or hardware that the switch to SRT requires, making SRT accessible for all users. Etere modules are optimised to adapt to the SRT Protocol. They can accurately manage the SRT without needing external add-ons while providing users 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 are 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 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