The demand for high-quality, low-latency live video distribution is rapidly growing and systems for easy and reliable management of signals are becoming key to daily operations.

Powered by the SRT video transport technology, which is optimized for streaming performance across un-predictable networks, Hiscale’s SHIFT excels with flexible management and monitoring capabilities in a highly cost-efficient and scalable way.

**LIVE VIDEO DISTRIBUTION MANAGEMENT**

Easily create, monitor and maintain live video over IP services with the SHIFT | EDGE solution to send or receive signals. The codec agnostic for future-ready solution SHIFT | HUB gives you full flexibility to route incoming signals to one or many destinations.

**SAMPLE USE CASE**

- Live Sources
- Shift hub (Live SRT Cluster)
- Shift edge (Live SRT Sender)
- Internet
- Transcoding
- Shift edge (Live SRT Receiver)
- Cloud delivery

**FEATURES AND PROTOCOLS**

- Based on SRT (Secure Reliable Transport) Protocol
- Sender, Receiver and Point-to-Multipoint Gateway
- Low Latency Live Streaming
- Cloud and On-Premise deployment
- Monitoring and Notification
- Software-Only solution
- Remote Management via UI and RestAPI

- User-friendly configuration through HTML5 web interface
- RestAPI interface for remote control
- SNMP, Email and Webhook notifications
- Realtime monitoring
- Built on latest Docker technology
- Runs in hardware and virtual environments
- Highly compatible with other SRT solutions
- Low latency video streaming
- End-to-end 128/256 bit AES encryption
- Loss-less transfer, protecting against jitter, packet-loss, and bandwidth fluctuation
- Supported Protocols include RAW TS, TCP, UDP (Singlecast & Multicast), RTP, SRT, and ZIXI