



Intelligent Media Routing in the Cloud

Haivision SRT Hub is a cloud-based service for live, low-latency media routing across the Microsoft Azure network. Providing secure and reliable global transport for contribution, production, and distribution workflows, SRT Hub is the ideal solution for broadcasters seeking alternatives to costly satellite links, purpose-built fiber networks, or proprietary transport solutions.

On-Demand Routing with Massive Scalability When news is breaking, broadcasters need a fast way of getting content from the field to production, even from unexpected locations worldwide. SRT Hub helps broadcasters and video service providers quickly build live and file-based workflows with security and reliability. With intelligent provisioning of routes and edge node connections, SRT Hub transports content across the low latency Microsoft Azure backbone to centralized production facilities, speeding time-to-air for high-value content.

Connect to Production Workflows SRT Hub intelligently routes media into and out of third-party broadcast systems through the use of connectors called Hublets to extend the platform's capabilities. Hublets are designed to support live- or file-based workflows for delivering content to cloud services or on-premise systems. Whether delivering a live feed to cloud storage for transcoding and collaborative editing or to production suites at the broadcast center, SRT Hub is the fastest and easiest way to bring content in from the field and get it to air quickly.

Leverage the Reach of Microsoft Azure Not all clouds are created equal. Leveraging the global reach of Microsoft Azure and their 54 worldwide data centers (regions), SRT Hub ensures that the challenging first-mile hop to the cloud is always as short as possible no matter where events are happening. After entering the Azure region closest to the source, content is transported using the SRT Protocol over the Azure backbone to cloud production system tenants or to the output region nearest to broadcast production facilities. With SRT Hub, source content and production capabilities have never been closer together.

Automate Cloud Routing SRT Hub removes the complexity of spinning-up regional cloud resources and determining the best path through the internet. Leveraging the latest Azure cloud architecture, SRT Hub automatically provisions the processing resources (containers) required in any datacenter to intelligently scale and route media from source to destination. Teams can focus their time on creating great content rather than setting up and troubleshooting complex cloud workflows.

Easy to Use With an intuitive, node-based user interface, SRT Hub makes routing media through the cloud easy. Simply click and drag to join nodes together and establish global routes connecting source content to production systems. SRT Hub also provides an API to support integration with broadcast automation systems.

Remote Edge Node Control Leveraging the Azure IoT framework, SRT Hub gives broadcasters a centralized tool for controlling remote edge nodes, such as encoders, gateways, software, and decoders, simplifying the process of provisioning end-to-end media routing.

SRT Hub Partner Ecosystem

The SRT Hub Partner Program provides an open and documented framework to extend SRT Hub capabilities with Hublets so broadcasters can seamlessly connect multiple solution vendors together into unified broadcast routing workflows. Join the SRT Hub Partner Program to build your own Hublets.



FEATURES

BENEFITS

On-Demand Access to Low Latency Cloud Routing

Easily transport content via any Azure region on demand, for high quality contribution at anytime from anywhere you need it.

Hublet Connectors

Connect SRT Hub to production ecosystem partner solutions and enable live routes and file transfers for your broadcast workflows.

API-Driven Integrations

Integrate SRT Hub into existing broadcast workflows with customizations and automation.

Remote Edge Node Control

Centrally manage edge-connected encoders and decoders, reducing setup time and eliminating errors.

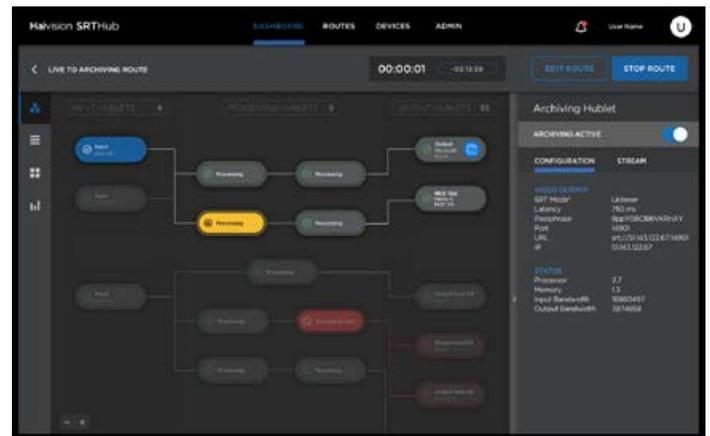
SRT Protocol

Secure, reliable transport from a proven open-source protocol endorsed by hundreds of industry-leading organizations.

User Interface



SRT Hub Dashboard view with route status and usage statistics for a quick system overview.



Route building view with input, process and output Hublets connecting live and file workflows.

SRT Hub Workflow for Field Contribution to Cloud-Based Production

