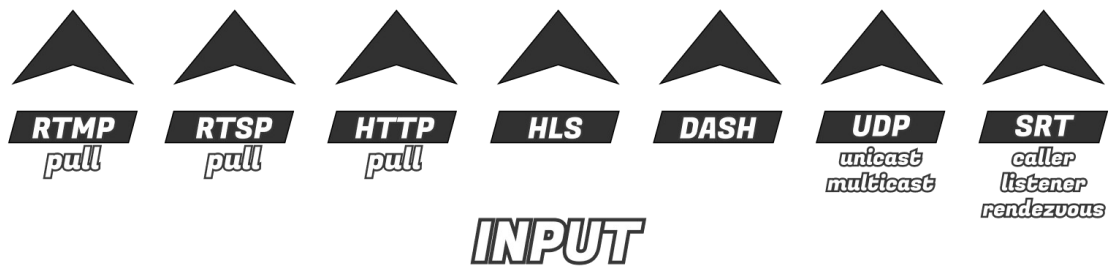


ON PREMISE SRT SERVER

OUTPUT



OnPremise SRT Server is a complete software and operating system solution, that converts a compliant computer, into a disruptive on premise multimedia gateway, able to repeat multiple inputs to multiple outputs, as shown in the graph above (point-to-point and point-to-multipoint)

Easily controlled from a web browser, from any network connected computer. You will build your own contribution / distribution network in a few clicks, and control them 24/7 in realtime. Lock and unlock any individual component (input or output), attach a watchdog to any source to warn you when the audio is gone, alerting about an issue in the source side.

OnPremise SRT Server
Logout

Streams
System
Network
Manager
License

Streams ÷ ÷ ADD INPUT +

▼ 1	Camara	UDP	0d:03:43:10	5048 Kbps	H264/AAC	 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕
	Magewell	UDP	0d:03:43:09			 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕
▼ 2	URay UDP	UDP	0d:03:43:10	4990 Kbps	H264/AAC	 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕
	Cartagena	UDP	0d:03:43:09			 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕
▼ 3	URay SRT	SRT-C	0d:03:43:09	5180 Kbps	H264/AAC	 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕
	VMix SRT	SRT-C	0d:02:00:11			 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕
▼ 4	NASA TV	YT	0d:03:43:07	972 Kbps	H264/AAC	 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕
	Magewell	UDP	0d:03:43:05			 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕
▼ 5	Gospel Radio	RTMP	0d:03:43:05	162 Kbps	/AAC	 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕
	Testing	RTMP	0d:03:42:59			 ☀️ ✅ 🗑️ 🔧 🔇 🔒 🔑 ⊕

Below we list all of the features:

- Input protocols: RTMP/S pull, RTSP pull, HTTP pull, HLS, DASH, UDP (unicast/multicast), SRT (caller/listener/rendezvous)
- Output protocols: UDP(unicast/multicast), SRT(caller/listener/rendezvous), RTMP/S(Youtube, Facebook, Twitch, Wowza and many more...)
- UDP and SRT original Transport Streams, will be repeated exactly as they are, adding zero latency to them, and not changing a bit (nor remuxing). You can send both SPTS and MPTS
- UDP and SRT are codec and resolution agnostic, so they could transport MPEG-2, H.264, H.265/HEVC, H.266/VVC or any other TS compliant codec, with any resolution: SDTV, HDTV, 4K, 8K.
- Control all of your TV/Radio network status at a glance (connected/disconnected, watchdog alarms, etc)
- Remote access icon can be assigned to a remote http URL to control any element from the same dashboard in a single click
- You can erase and edit any element, and also re-assign any output to another input immediately
- Backup and restore all of the components and settings into/from a JSON file
- Easily updated in a single click
- DDNS for DynDNS and No-IP
- IPv4 and IPv6 double stack
- MDNS (Bonjour) integrated, to be quickly and easily discovered in your LAN
- UPnP to open any needed port in your internet gateway (routers compatible with libminiupnpc)
- Based on Debian 10, the system is stable and safe enough to be in your DMZ zone
- Admin and user roles (user blocking facility)
- API REST available and documented on Swagger 2.0 (build and upload your own branded front-end, or build an external App to control all the system)
- **1 month for FREE** on every new hardware setup

Hardware minimal requirements:

- PC x64 (64 bits)
- CPU 4 cores 1.5 GHz (40 streams), 8 cores 3.0 GHz (+128 streams)
- 4 GB RAM (40 streams), 8 Gbs (128 streams)
- 32 GB hard-drive or more
- 1 Gbps ethernet port

Example of CPU for 40 streams (200 Mbps): Intel Atom x5-Z8350 (Minisforum Z83-F)

Example of CPU for 128 streams (600 Mbps): Intel Pentium Gold G5420 3.8 GHz

Example of CPU for 256 streams (1 Gbps): Intel Core i3-10320 (8HT x 3.8 GHz)