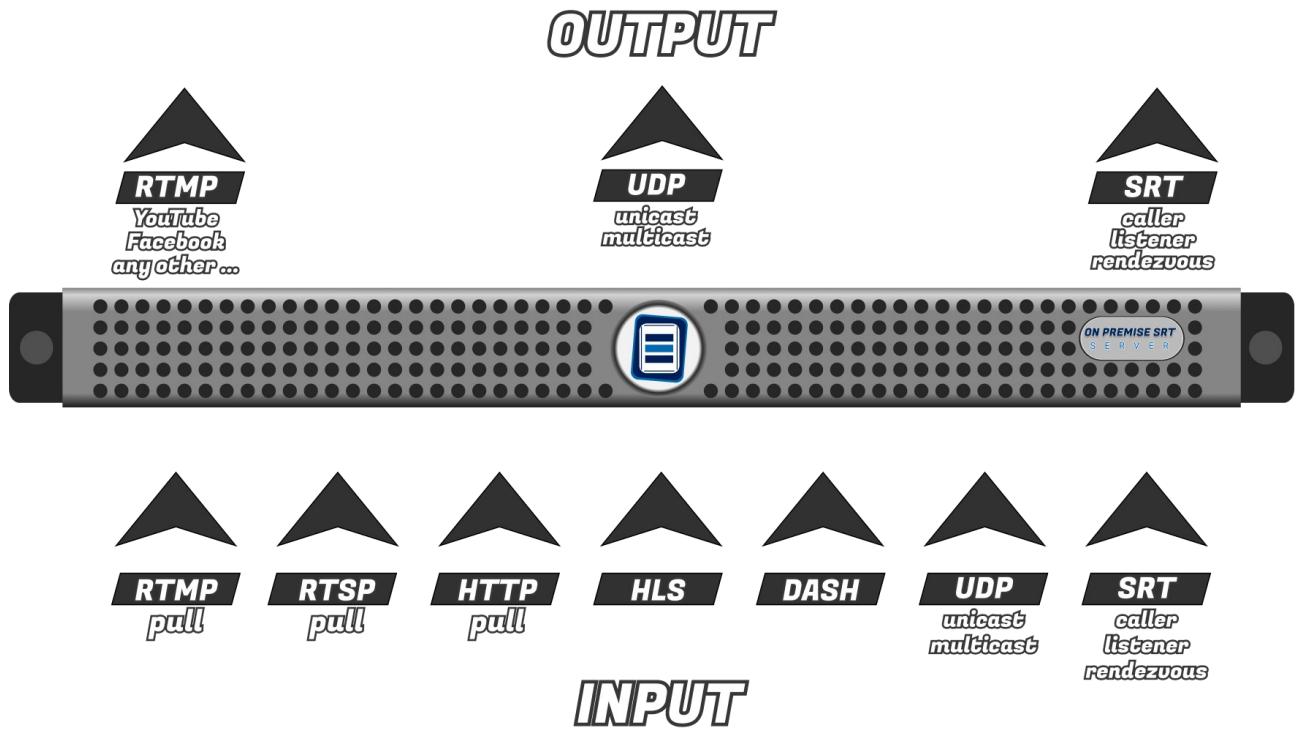


ON PREMISE SRT SERVER



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 Magewell	UDP 0d:03:43:10	5048 Kbps H264/AAC	[status icons]	[lock icon]
2	URay UDP Cartagena	UDP 0d:03:43:10	4990 Kbps H264/AAC	[status icons]	[lock icon]
3	URay SRT VMix SRT	SRT-C 0d:03:43:09	5180 Kbps H264/AAC	[status icons]	[lock icon]
4	NASA TV Magewell	YT 0d:03:43:07	972 Kbps H264/AAC	[status icons]	[lock icon]
5	Gospel Radio Testing	RTMP 0d:03:43:05	162 Kbps /AAC	[status icons]	[lock icon]

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)