

OTT FORMAT CONVERTER SRT - HTTP/S - UDP

SFC VS

- Replace your satellite transmission using SRT over the internet
- Receive multiple OTT signals in different formats



SFC
Stream Format Converter

VideoSwitch
DIGITAL INNOVATION

No messages

admin English Logout

Status

General

Conversions

Status	Format	Interface	Origin	Details	Format	Interface	Destination	Details
+	HTTPS	Starlink	host.ftp.com.443/provider1.ts	Latency: 4000 ms	UDP	VLAN Video	192.168.11.65:50012	-
+	SRT	Starlink	190.123.83.110:11000	Mode: CALLER, Latency: 2000 ms	UDP	VLAN Video	192.168.11.65:50011	-
+	UDP	VLAN Video	192.168.0.66:50001	-	SRT	Starlink	60000	Mode: LISTENER, Latency: 2000 ms
+	HTTP	Starlink	host.ftp.com.8080/provider2.ts	Latency: 4000 ms	SRT	Starlink	60001	Mode: LISTENER, Latency: 3000 ms
+	FILE	File	streamin.ts	Mode: Loop	UDP	VLAN Video	192.168.11.65:50013	-
+	UDP	VLAN Video	192.168.0.66:50002	-	FILE	File	streamout.ts	-
+	UDP	VLAN Video	192.168.0.66:50002	-	UDP	VLAN Video	192.168.11.65:50014	-
+	UDP	VLAN Video	192.168.0.66:50003	-	-	-	-	-

The SFC (Stream Format Converter) is an OTT format converter with one or more IP inputs and outputs, capable of converting live signal streams or files from one OTT format to any other.

To achieve this goal, it is important to have a robust, reliable and expandable system.

► **WIDE RANGE OF CONVERSION OPTIONS**

Convert between the following formats: UDP - HTTP/S - SRT and TS files.

► **LINK AUTO RESTART**

If a conversion is interrupted, the system automatically restarts that conversion without affecting the other conversions.

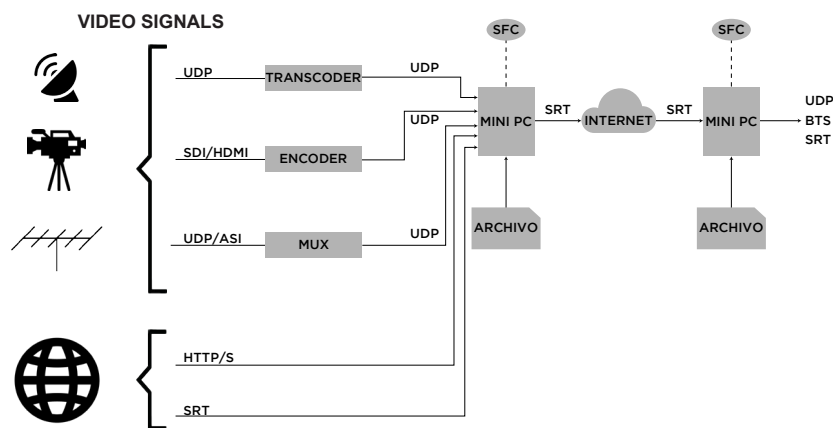
► **UNLIMITED AMOUNT OF SIMULTANEOUS CONVERSIONS**

With properly sized hardware, the SFC has almost unlimited capabilities.

- Receives OTT sources via the public internet in Unicast, SRT, HTTP/S and converts them to traditional UDP/IP multicast IPTV format.
- Supports multiple GbE IP interfaces.
- You can send the same stream to several different destinations simultaneously.
- Supported formats:

Input:	Conversion	Output:
SRT TS	➡	SRT TS
HTTP/S TS		UDP TS
UDP TS		TS Files
TS Files		Otros
Otros		
- Adaptable software with minimal requirements, allowing for scalability since the number of streams can be adjusted to the customer's needs and expanded in the future if required.
- Transmit signals over the internet using the reliable SRT protocol with minimal investment.

- It implements SRT listener and caller functions to deliver the signal over the internet to multiple destinations.
- Real-time monitoring of conversions.
- Monitoring of resources used by the system.
- Management: Web App and REST API. This allows full integration with other systems.
- Web interface:
 - Intuitive and user-friendly, with user control for restricted access.
 - Available in English and Spanish.
 - Compatible with any browser.
- Dynamic configuration: allows you to reconfigure a conversion without interrupting or affecting the rest of the conversions.
- In case of internet interruptions, it automatically restarts conversions.
- Logging of all external and internal events.



REQUIREMENTS AND LICENSING

OPERATING SYSTEM	Linux.
NETWORK INTERFACES	Minimum 1, Recommended 2+.
RAM	Minimum 4 GB, Recommended 8 GB.
DISK	Minimum 64 GB, Recommended 128 GB + TS Files space (if required).
CPU	Number and capacity of cores depending on the number and type of conversions required.