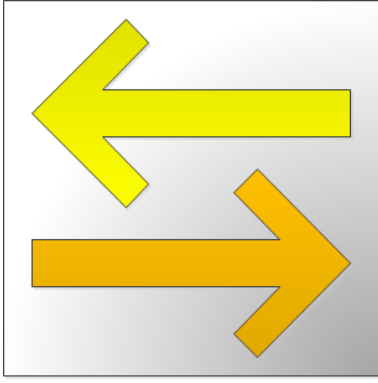


StreamTo: Stream - Convert - Record



- ▶ Supports: FC611 and FC612
- ▶ Uses private Raw-API to standard UDP/RTP sockets
- ▶ Stream file-based content to Ethernet Layer2
- ▶ Windows and Linux supported
- ▶ VLC Media Player using RTP on localhost
- ▶ Record raw layer-2 streams to pcapng file-format (Wireshark)

StreamTo - Streaming Tool to convert Layer2 AVB-Streams to RTP/UDP socket streams for standard IP AV-Players like VLC Video Player

StreamTo extends use-cases of USB-OABR Adapter Raw. Streamto enables standard AV-codecs like H.264/TS, to be converted to standard IP-Sockets and use common IP-Applications like VLC Media Player. It supports both directions: Stream H.264 ts-files to Layer2/1722 AVTP or stream 1722/AVTP to RTP.

In addition, supports cmdline recorder for Ethernet Layer2 frames to open-source pcapng file-format. Use wireshark to open/filter files later on.

Supported devices

- ▶ FC611 - USB OABR Adapter Raw (TJA1100)
- ▶ FC612 - USB OABR Adapter Raw (TJA1101)

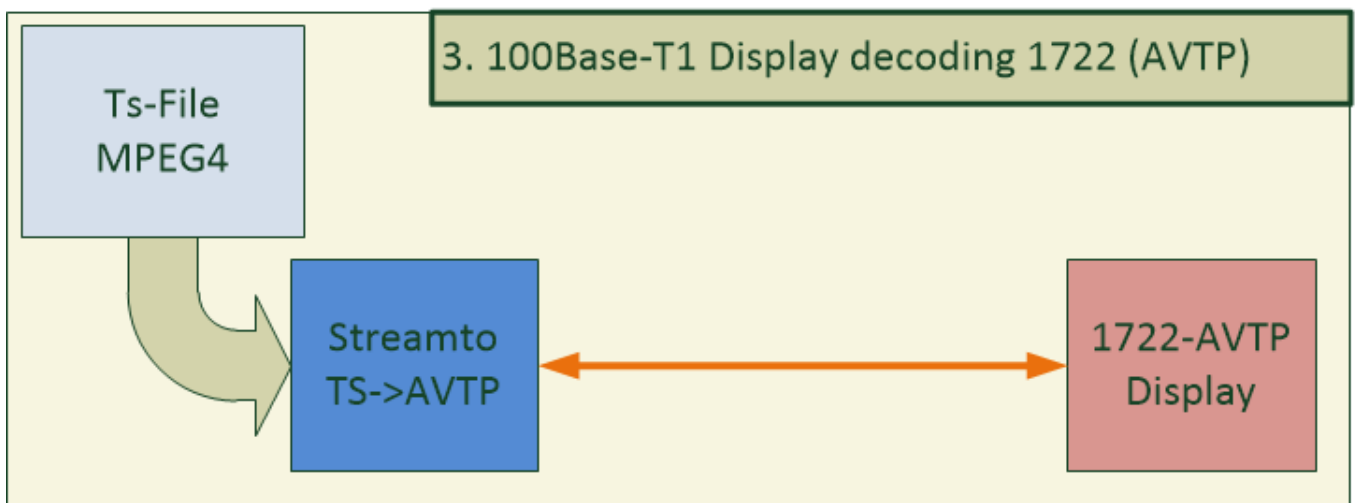
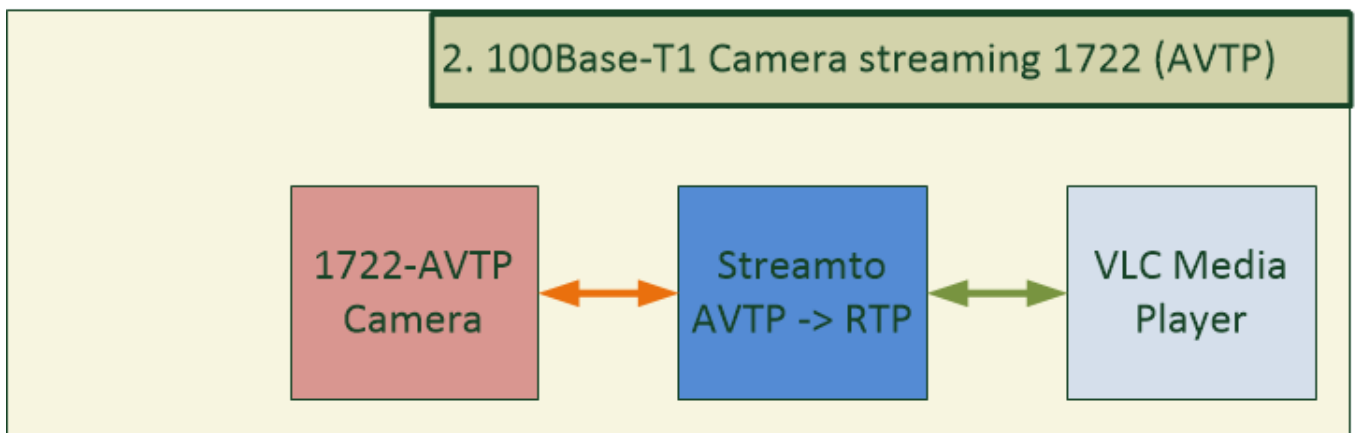
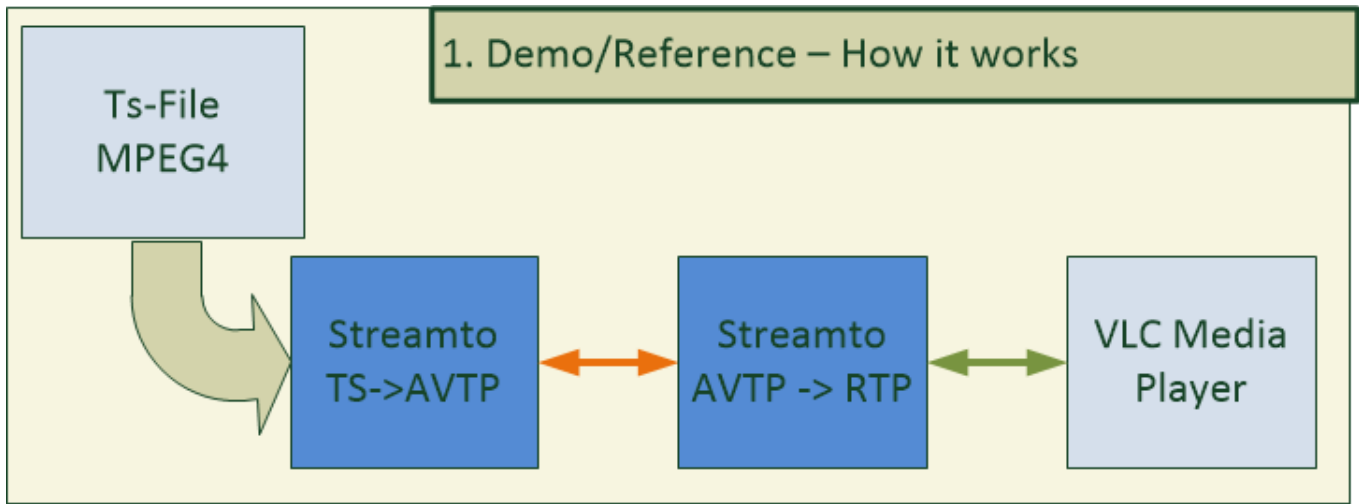
Features

- ▶ Console-Tool running on Windows/Linux
- ▶ Command-Line options to extend VLAN-TCI
- ▶ Raw-Layer2-Stream to UDP/RTP
- ▶ H.264 Transport Stream files to raw-layer2-frames
- ▶ supports recording to pcapng-files

Use-Cases

- ▶ Use VLC Media Player to render H.264/AVB streams
- ▶ Use standard UDP/RTP sockets to stream to layer2
- ▶ Stream H.264 transport files (*.ts) to Layer2 (based on timing information inside TS-File)
- ▶ Create pcapng files for offline analysis using Wireshark

Typical Use-Cases



100Base-T1 UTP - Layer2



Ethernet - TCP/IP

Note: Currently supported is AVTP 1722 IEC61883-4 (Compressed Video)