

- ▶ Supports: 100BASE-T1 (FC611/FC612), 10BASE-T1L (FC631)
- ▶ Uses Broadway Raw-API to standard UDP/RTP sockets
- ▶ Stream file-based content to Ethernet Layer2 (MP4 as ts-file stream)
- ▶ Windows and Linux supported
- ▶ VLC Media Player using RTP on localhost
- ▶ Record/Play raw layer-2 streams to pcapng file-format (Wireshark)

Overview

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:

- ▶ FC612 - USB 100BASE-T1 Stick Raw
- ▶ FC631 - USB 10BASE-T1L Stick Raw

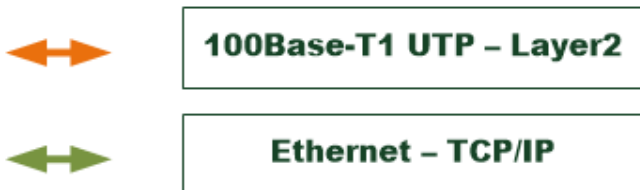
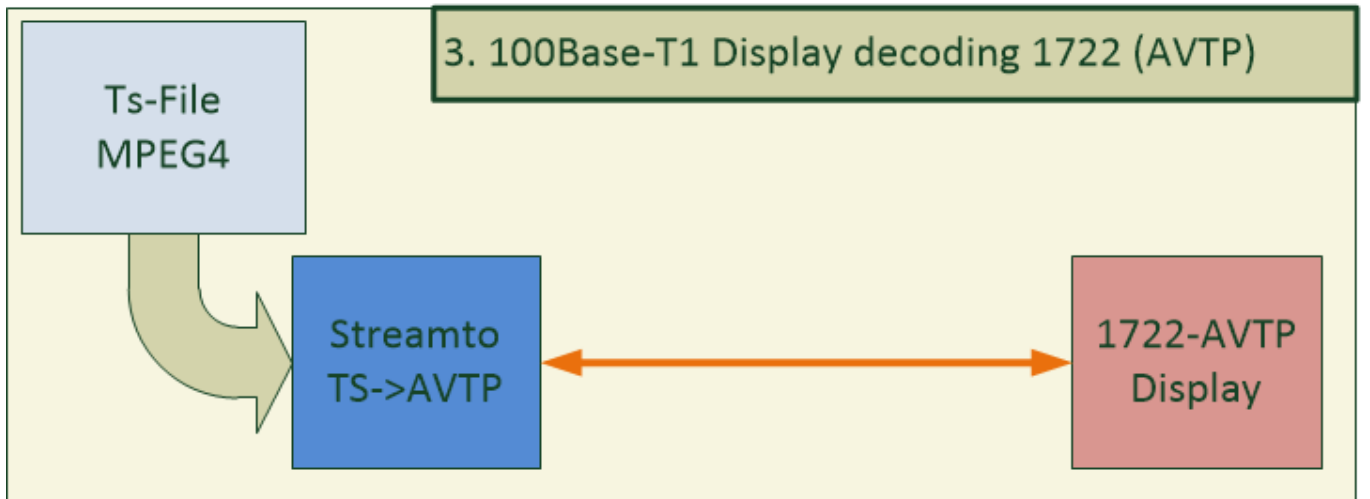
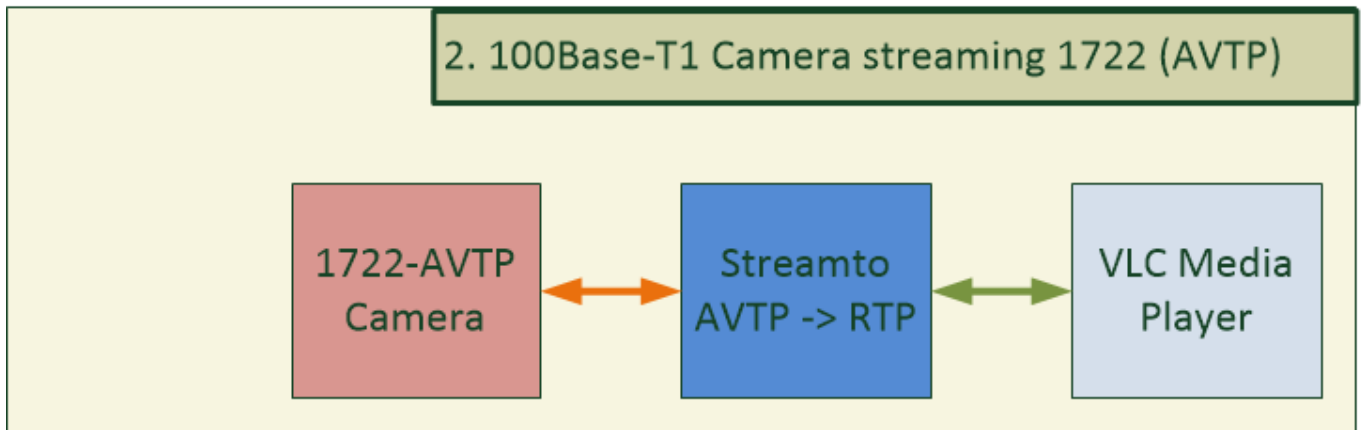
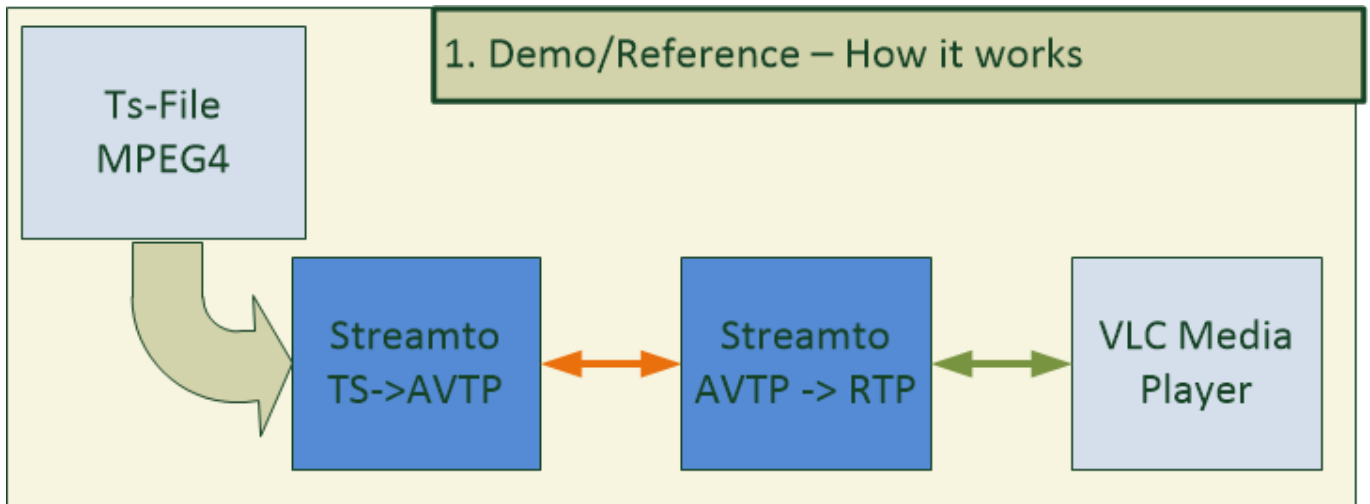
Features

- ▶ 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
- ▶ Recording of frames to pcapng-files
- ▶ Play frames from pcapng files

Applications

- ▶ 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/Replay pcapng files using Wireshark file format

System-Overview



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