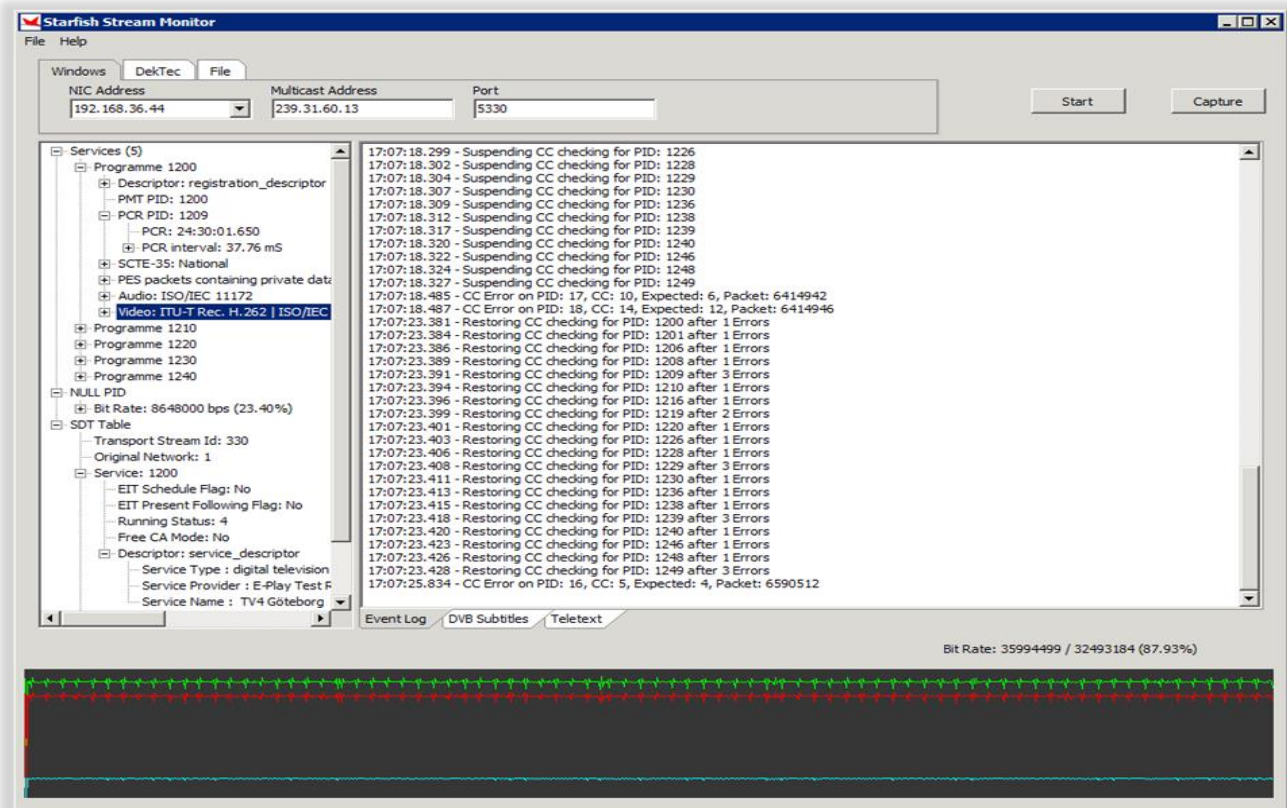# TS Monitor

Transport Stream Monitoring System

MONITORING OF LIVE ENCODED MEDIA STREAMS

A software application to analyse live encoded broadcast media streams or pre-captured files

TS Monitor is a software product that operates on live encoded broadcast streams, or pre-captured files.

The application provides a full breakdown of all PIDs in the stream being monitored including type, number and the current timestamp. PCR discontinuities are detected, and Continuity Count errors are flagged.

DVB subtitles and teletext can be decoded and displayed in the user interface video window.
It has applications in both live systems and test facilities.

Starfish Technologies Ltd.
Reading Enterprise Centre, Whiteknights Road,
Reading, Berkshire, RG6 6BU. United Kingdom

www.starfish.tv

Page 1 of 2
Document v2.0

TS Monitor
Transport Stream Monitoring System

KEY FEATURES

- Operates on real-time MPEG1 and 2, H264 and HEVC/H265 encoded transport streams, or pre-captured files
- Real-time streams can be recorded for further analysis
- Detailed breakdown of the transport stream contents by PIDs and services including analysis of tables and descriptors
- PCR analysis
- Error reporting for non-conformant input material, including PCR, PTS and Continuity Count error checking
- Offline monitoring creates an XML file containing the salient details of the monitored file

- Real-time display of DVB subtitles and teletext carried in the transport stream
- SCTE-35 monitoring (program insertion cueing messages)
- Displays instantaneous bit rate and provides an indication window which shows the overall bit rate in green, and the active bit rate in red. The difference between the two are the NULL packets sent out to pad the overall bit rate to a constant value
- Support for IP stream as standard, with ASI stream monitoring an option.

HARDWARE REQUIREMENTS

Runs on generic enterprise grade server hardware. Minimum hardware specification: Intel Xeon E5-2400 Family, 4 core processor - or better, 12GB RAM. Operating System - Microsoft Server 2016 or later.

ASSOCIATED PRODUCTS

The TS Splicer is part of a family of transport stream processing products available from Starfish Technologies Ltd.

All specifications and minimum requirements are subject to change without prior notice. Please check before purchase.

Starfish Technologies Ltd.
Reading Enterprise Centre, Whiteknights Road,
Reading, Berkshire, RG6 6BU. United Kingdom

www.starfish.tv

Page 2 of 2
Document v2.0