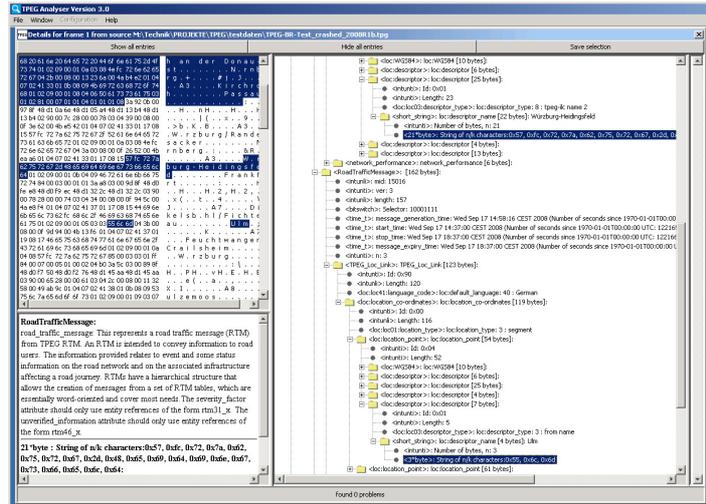


TPEG Analyser (Version 4)

The TPEG Analyser allows the graphical representation and interpretation of several data streams in real time, as well as the interpretation of recorded data. Meaningless byte data streams turn into TPEG data blocks that are easy to analyse. At first glance differences between the various services can be spotted, and the most important parameters can be compared.

The following applications are possible with the TPEG Analyser:

- monitoring and recording TPEG Services
- quality assurance and debugging
- comparing TPEG services
- reference information for the development of devices and terminals
- testing TPEG encoders
- visualising TPEG services
- controlling TPEG services
- TPEG Binary to tpegML conversion



Features:

- data sources: TPEG Binary, ETI, DAB Subchannel files, DAB receivers and network streams can be used
- simultaneous representation of bandwidth, synchronisation and reception for several services
- animated visualisation of the different TPEG transport frames in real time
- detailed output of the decoded frame content
- TPEG message management and tpegML export
- Multiple Application Plug-In versions for applications
- plug-in concept for error warnings and further content analysis
- plug-in for summed-up information and evaluation of the data
- plug-in for recognition of the specification version that underlies the received data, respectively checks whether the data is compliant with a certain specification version
- manual or automatic triggering of control commands and error warnings as plug-in
- optional HECA support

TPEG applications and toolkits:

RTM / TEC / TFP / PTI / PKI / SNI / CAI / FPI / LRC / MMC / DLR1 / TMC / ETL / GLR

System requirements:

- OS: Microsoft Windows XP or newer, Linux version on request
- Java: Sun JRE Version 1.6 or newer
- PC Hardware: min. 512MB, Pentium III 1 GHz

Package contents:

- TPEG Analyser Software on DVD
- USB Dongle (required to run software)
- Documentation
- Six Months of software maintenance, including bug fixes and new features
- Optional: USB DAB/DMB receiver

Maintenance contract is available on demand!

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New features of the **TPEG Analyser 4**:

1. **ETI-NI-G.703/ETI-NA-G.704 import:** TPEG data can be decoded directly out of ETI files.
2. **Drag and Drop of TPEG Binary files:** It is now possible to drag TPEG binary files into the TPEG analyser, without the need to open the file dialog.
3. **Display of non-TPEG Data in Streams:** If undecodable data or padding is received, this data is displayed as well for further analysis.
4. **Cyclic tpegML export of message sets:** This exiting feature allows post processing of decoded TPEG messages. This can be used for example for visualisation in maps or to compare the received data with the data provided to the playout.
5. **100% TISA TPEG2 compliance:** The TISA Specifications for TPEG modelling and physical format conversion have been fully implemented and the tpegML format is now 100% TISA compliant.
6. **Expert “diff” feature to compare binary frames:** For experts it is now possible to use the intelligent frame compare features to easily detect differences between TPEG frames on several levels.
7. **Support for new applications and toolkits:** All the latest TPEG toolkits and applications are included.
8. **Plugin for dab subchannel UDP input:** Decode and analyse DAB subchannels via UDP input.
9. **Zlib plugin:** It is now possible, to analyse zlib compressed service frames.
10. **Support for loading all TPEG files from one directory as one TPEG stream:** Several files can be loaded as a stream without the need to combine them into one file in advance.
11. **TPEG transport frame type information for unknown frame types in stream view:** Unknow frame types and unknown data are displayed in the Analyser's stream view and history list.
12. **WGS84 coordinate decoder plugin:** Possibility of decoding WSG84 coordinates, e.g. to map them in Google-Maps.

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