

ANDi FREE

...SIMPLIFY YOUR TEST EXPERIENCE!

DESCRIPTION

ANDi (Automotive Network Diagnoser) has been evolving and improving for over 10 years, addressing the challenges faced in testing Automotive technologies. We released ANDi Free to give the user a sneak peak of important features of ANDi and also help to decide whether to upgrade to ANDi premium for the full spectrum of its capabilities.

ANDi FREE – MAIN FUNCTIONALITIES

- A POWERFUL TRAFFIC VIEWER
- A CLOCK CONTROLLER
- A CAPTURE MODULE CONFIGURATOR
- A CAPTURE MODULE FLASHING TOOL

ANDi FREE – BENEFITS

HIGH-PERFORMANCE PACKET DECODER TOOL

- Decoding of the Automotive Ethernet stack, several hardware devices (namely Technica Capture Modules, Media Gateway, EES, etc.) and raw CAN traffic from 3rd party hardware

INTERFACING WITH CAPTURE MODULE PRODUCTS

- Configure the hardware
- Flash the capture module with new software

PROCESSING OF CAN / SOME/IP TRAFFIC

- Map the CAN / SOME/IP traffic to database files (FIBEX, DBC, ARXML, etc.)
- Analyze the incoming payload

ANDi FREE – ADVANTAGES OVER WIRESHARK

SPECIALIZED FOR AUTOMOTIVE ETHERNET PROTOCOLS

- The ANDi Free decoder stack is geared more towards the Automotive Ethernet protocols, decoding TECMP and Capture Module protocols (ASAM CMP coming up soon) straight out of the box

HANDLING OF CAN / SOME/IP PAYLOAD

- ANDi Free can map the CAN / SOME/IP payload to proprietary OEM database (message catalogue) files providing payload analysis on the fly, showing the signal values, providing filters for these signals

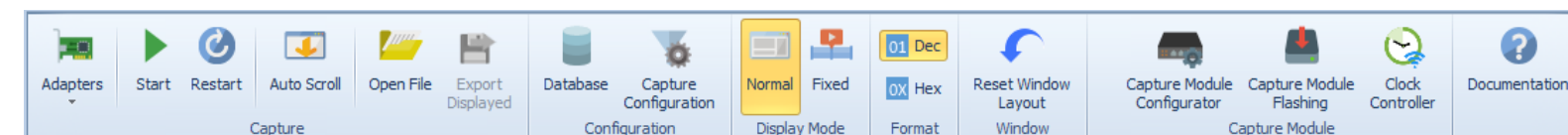
OPERATING CAPTURE MODULES

- ANDi Free provides additional tools to interface with your Capture Modules

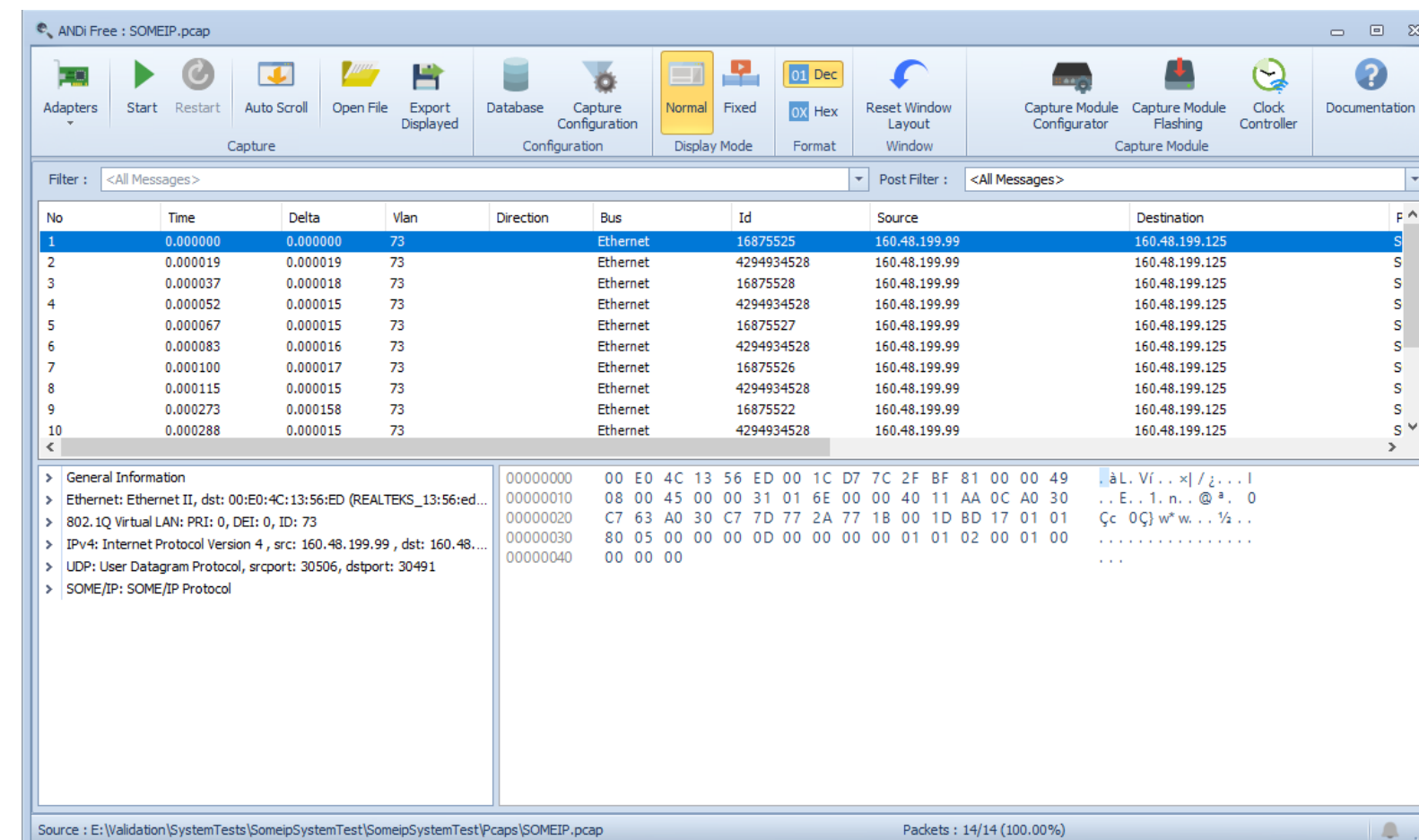
PROCESSED FORMATS

- ANDi Free can read multiple capture file formats (BLF, MDF, LDF, PCAP, PCAPNG, ASC)

ANDi FREE TOOLBAR



ANDi FREE GUI



ANDi PREMIUM – ADDITIONAL FUNCTIONALITIES

TEST CASE CREATION

- Easy-to-learn test case creation in Python
- Extensive and efficient API interfaces

RESIDUAL BUS SIMULATION (RBS)

- User-friendly drag and drop functions for creating simulation nodes
- ECU simulation via scripting with triggerable events or in GUI with drag-and-drop functionality

IMPROVED PCAP RECORDER

- Record your entire data stream using one or multiple Start/Stop conditions
- Automated Start/Stop recording functionality

GRAPHICAL PANELS

- Create your own design with use cases and test scenarios
- Visualize and modify signals and global variables

SIGNAL GRAPHICS

- Allows a time-correlated graphical representation of different signals on multiple buses
- Allows data logging into trace files to be analyzed

TRAFFIC GENERATOR

- Transmission of configured messages according to various trigger conditions

SCRIPT DEBUGGING

- Allow debugging the test scripts and to set breakpoints in the test script editor

PCAP PLAYER

- Replay data from a PCAP file as live traffic to a chosen adapter

FILE CONVERTER

- Convert a PCAP or PCAPNG file with a gateway header to a new PCAP or PCAPNG file without a gateway header

LEARN MORE ABOUT ANDi PREMIUM

www.technica-engineering.de/products

SUPPORT

For more information and special test cases, get in touch with our support team (ANDi@technica-engineering.de).