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blue PiraT2
MOST150 Streaming User Guide
Version 1.9.1 - 29.01.2014

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3.   Overwiev

The MOST150 Streaming feature of the blue PiraT2 enables the following options:

- Logging MOST150 synchronous/isochronous data

This document refers to blue PiraT2 FW 01.09.01 and blue PiraT2 client version 1.9.1. Some features depending on model and feature license or may not be available in older versions.

Software updates are frequently available in the blue PiraT Service Center. Please make sure to use current software.

4.   System requirements

Control Unit

A Laptop or a PC is used to configure the devices by a software client. It also allows to save the recorded data and to use them offline.
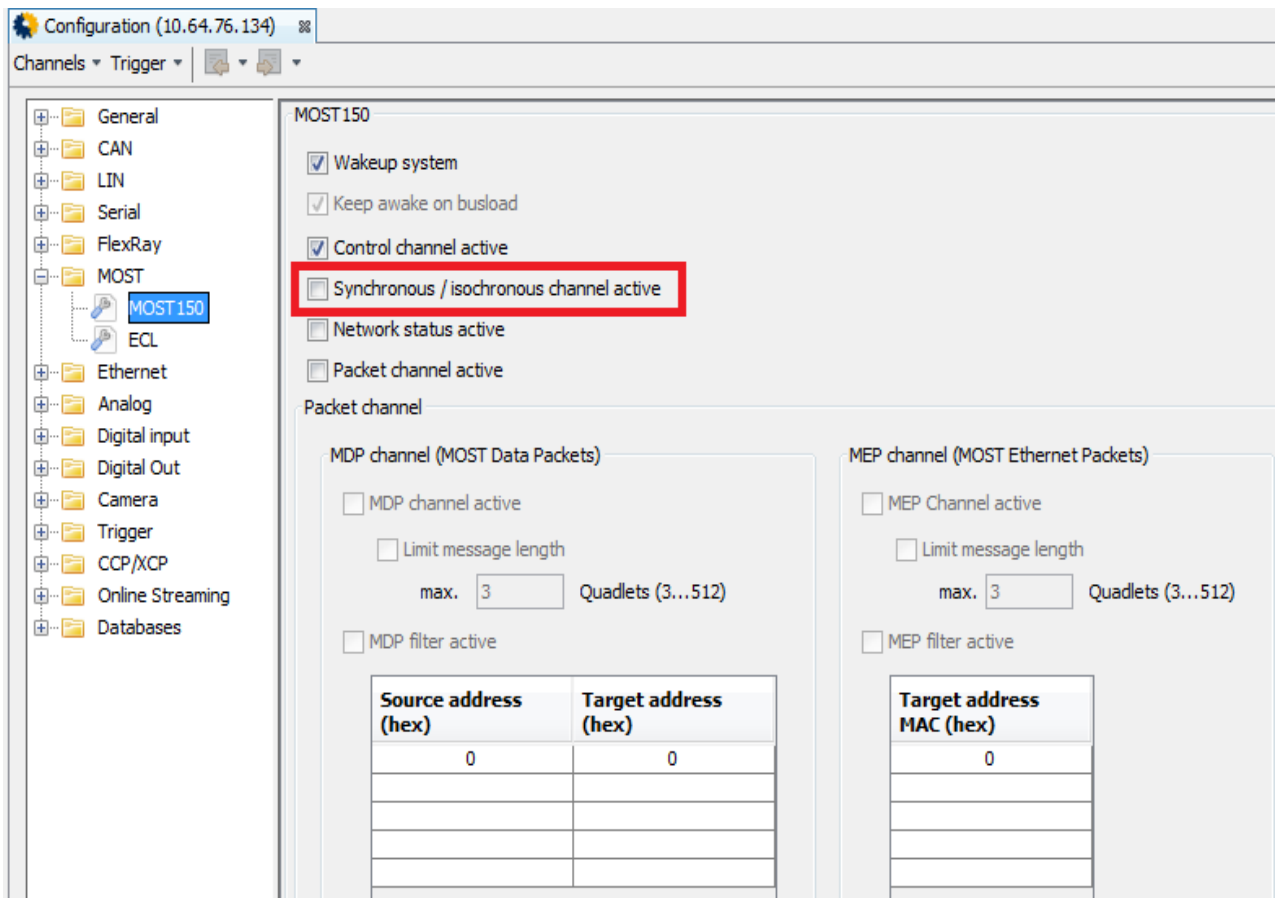
blue PiraT2

The blue PiraT2 is an optimized data logger developed by Telemotive AG. The communication of bus systems and control units are monitored and relevant data can be recorded very precisely with the blue PiraT2. The collected data are stored on the blue PiraT2 and can be downloaded to a PC

License

A license is required to use the MOST150 Streaming feature. All steps can be performed only with a valid license.
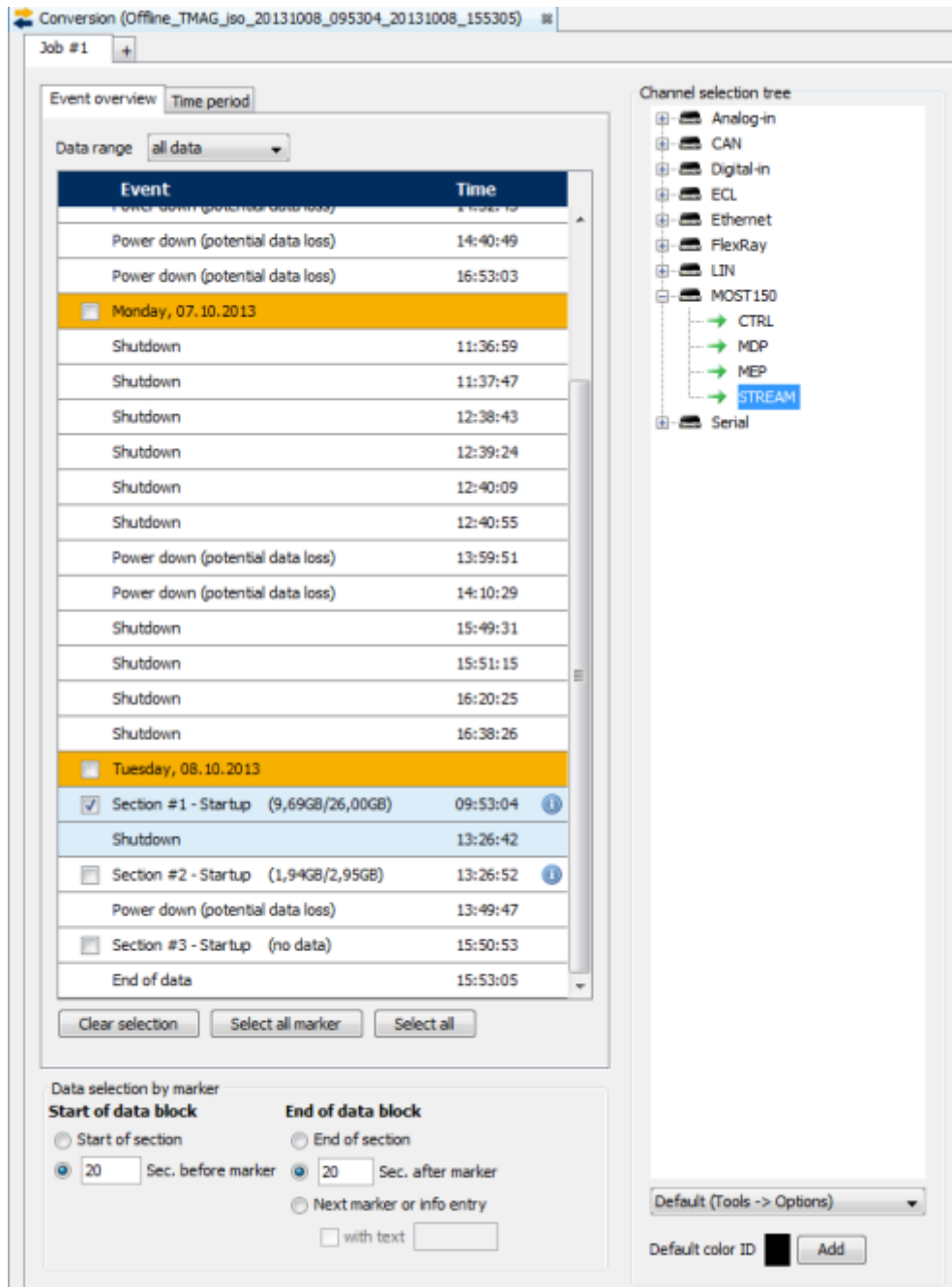
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5.   Configuration

To activate the recording of synchronous/isochronous data, the user should activate the configuration. This activation is done by selecting the checkbox "Synchronous / isochronous channel active" in the configuration menue at MOST => MOST150.

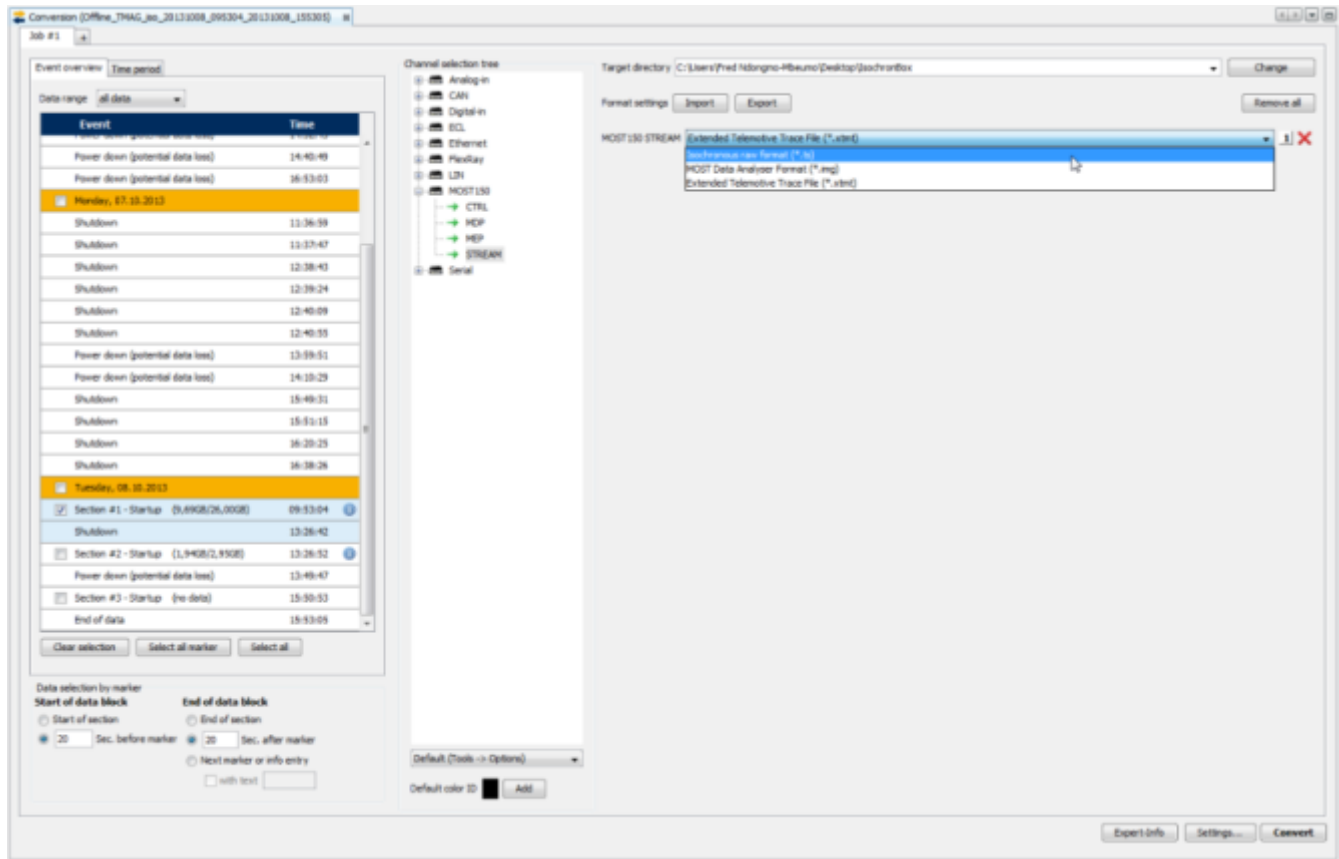Telemotive AG

6.   Conversion

The conversion of MOST150 streaming data can be performed either online or offline mode (with offline data set).

If the logger or the offline data set contents MOST150 streaming data, a submenu ("STREAM") will appear on the channel list after the selection of the appropriate section.

If you select the STREAM channel conversion, an option will be displayed, and you can select the target format. The diffferent formats used for Stream data conversion are:

- MOST Data Analyser format(*.img)
- Isochron raw data format(*.ts)
- Extended Telemotive Trace format(*.xtmt)

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The distinction between synchronous and isochronous data is done only during the conversion by the analysis of the streaming data. The isochronous raw data format (*. ts) can only save isochronous data. Therefore, this format should be selected only if it is ensured that such data has been sent through the streaming channel. If there are no data available, no output file is written.

Warning!

The conversion of client version 1.9.1 is fixed with the following assumptions:
- Streaming channels with the channel widths 2 and 26 bytes are reserved for synchronous data

- Streaming channels with the channel widths 32 and 48 bytes are reserved for isochronous data

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7.   Contact

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