

TachoScan Control

List of changes

Version: 4.0

A decorative graphic at the bottom of the page consisting of several overlapping, curved, light green shapes that create a wave-like effect.

TachoScan Control

List of changes

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The program windows (screenshots) shown within this help file can differ in form and contents from the actual program windows. This can be the case especially when the program version differs from the manual version.

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1. Recent updates

1.1. Version 4.0.7

TachoNet - licencja DVSA

TachoNet is a telematics system operating in the territory of the European Union. It enables automatic exchange of information on the validity of driver cards between member states. Pursuant to Regulation (EC) No. 165/2014, member states have the obligation to provide such data in order to ensure the proper use of digital tachographs..

- for **DVSA TSC** license holders, in the **Analysis** icon group, a tool for communication with the TachoNet server was added under a button. . The button expands the menu with the following items:
 - "New responses";
 - "Drivers and cards";
 - "Check Issued Cards Request";
 - "Check Card Status Request";
 - "Modify Card Status Request";
 - "Logs".
 - Settings (available only from the administrator account)

Export of reports to RTF

(menu: "Reports")

- In the print preview window of selected reports, the , icon, which saves the report to the **rtf** file, was added.

Control

- **Control** menu blocking if any program tabs are open was added.

RPM profiles

("Data" -> "Get", menu, open any file from the VDO tachograph)

- in "digital tachograph data preview window", in the "RPM profiles" tab:
 - highlighting in red was added to the rows in which the driving time according to RPM is higher than the driving time calculated based on the activity;
 - the order of the columns was changed.

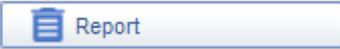
1.2. Version 4.0.6

Risk analysis of loss of good reputation

The functionality is available only for the **control in the premises** option.

Pursuant to Art. 1 and Annex II to the Commission Regulation (EU) 2016/403, a mechanism calculating the frequency of serious infringements was added

("Current control" - tab - first tab)

- **Risk analysis of loss of good reputation** section was added which will display the results of calculating the frequency of serious infringements:
 - the frequency will be automatically calculated every time the program is launched and the check is changed;
 -  button was added;
 -  button was added;

("Reports" menu)

- "Risk analysis of loss of good reputation" report was added;;

(menu: "Driver" -> "Add" or "Edit")

- **By the control** and **By date range** options were added, enabling the driver's employment period to be set; they are included in all places where the date and driver filter is present, and when analyzing infringements and the risk of losing good reputation, etc.

Microsoft® SQL Server® installer - LAN version

For the LAN version of the program, the Microsoft® Access database has been changed into **Microsoft® SQL Server® 2014 Express**.

See "First launch" topic for more details.

1.3. Version 4.0.5

Automatyczny import kontroli

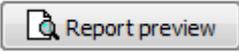
A new mechanism for automatically importing checks was added. After placing one or more files of the "exported" check **in the import directory**, the program will automatically import the checks. Enabling and the frequency of checks import is controlled from the program settings window.

("Settings" -> "Program settings" menu)

- **Automatically import controls every** option was added [number of minutes];
- **Prompt before import** option was added.

Infringements and manipulations

("Data" -> "Infringements and manipulations" menu)

- on the  report print preview, instead of data in the **Team** column, data in the column **Level** (Level of seriousness) will be displayed.

Summary of kilometers traveled

("Data" -> "Driver card and record sheet data", menu, open for editing any day from the driver card/record sheet)

- a summary of the kilometers traveled was added to the activities print preview  in the **Overview** row.

Opening digital data archived in ARZ format

("Data" -> "Get" -> Open from a file menu, select ARZ archive)

- the possibility to open digital data archived in ARZ format added (for reference, other available formats are: ZIP and 7z);
 - digital files can be archived directly or with many sub-directories inside.

Edit/view selected control

("Control" -> "Edit/view selected control" menu)

- **Driver card number filter** was added;
- in the free filtering field (Find according to) the **Driver card, VIN, Workshop card number** items were added;
- **Card no** column was added.

Downloading digital data from new devices

The possibility of downloading digital data from the following devices was added: **Digifobpro, TX-BOX 2** and **Tacho2Safe**.

Report: "Lack of driver's and vehicle's records"

(*"Reports" menu*)

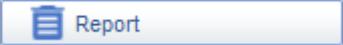
The functionality of the Lack of driver's records report was extended. In the report, it will also be possible to show the missing data for vehicles (digital tachographs).

- the "Lack of driver's records" report was renamed into Lack of driver's and vehicle's records;
- Vehicle and all vehicles check boxes were added.

Report: "Summary of drivers' infringements"

(*"Current control" tab*)

New report in which data from the Drivers' infringements: frame will be displayed.

-  button was added.

Report: "Summary of vehicles from driver cards"

(*"Reports" menu*)

New report, which shows the list of vehicles that the driver drove.

Edit closed check

The possibility to edit all data of closed checks was blocked.

*Reminder:
Editing the closed check data is possible after opening it using the **Unlock and edit the control** option.*

Rotational speed profiles

(*"Data" -> "Get", menu, open any file from the VDO tachograph - details in the topic below*)

The functionality is available only for data downloaded using special software (TachoReader Combo - option: "Speed data from VDO tachograph (S-file)") from Continental VDO tachographs (version 1.3 or later).

- in the "digital tachograph data preview window" the "RPM profiles" tab was added.

Speed chart

(*"Data" -> "Digital tachograph data", menu, open any day from the tachograph for which detailed speed was retrieved*)

- in "digital tachograph data preview window", in the "Speed chart" tab, **Show table**, option was added, which displays the speed in the form of a table.

Weekly chart, Monthly chart

(menu: "Data" -> "Reports" -> "Weekly chart" or "Monthly chart")

- in the indicated area, in the so-called hint (hint pane) information about the total kilometers and the average speed of the selected data range was added.

Export of reports to XML

(menu: "Reports")

In the print preview window of all reports, the  icon, which saves the report to the **xml** file, was added.

History of downloads

(menu: "Data" -> "History of downloads", menu: "Reports" -> "History of downloads report")

- the **Range from** and **Range to** columns, in which the range of days downloaded to the program is displayed, were added to the list of readings and the report;
- the orientation of the report has been changed from vertical to horizontal

Report: "Infringements and manipulations"

(menu: "Data" -> "Reports" -> "Infringements and manipulations")

- **The same card number for different names**, warning, generated when the program detects the driver cards with the same numbers but other names, was added

Program settings

("Settings" -> "Program settings" menu)

- **During saving tachograph data merge vehicles with identical VIN** option was added;
- **Automatically save changes on the daily chart every** option was added;
- **Export controls upon locking them** option was added.

Marking actions copied / imported from the tachograph

(places in which the daily chart from the driver card is visible)

- marking of the activities copied/imported from the tachograph was added (see "**Preview and data edition**" topic for more).

Minor changes

- in all check reports, time zone information was added in the header;
- in "day from the driver card preview/edit window" the possibility of editing the initial and final kilometers is blocked when the **editing blocked** option is checked ;
- in "user edit window" in the **Identification number** field, character limit was increased from 10 to 20;
- in the report print generation window: "Drivers from digital tachograph report", **Period: From - Till** fields were added;
- a window informing about the end of the check import was added.

1.4. Version 4.0.4

Administracja programu

Available only in the administrator account (user: "Administrator", default password: "admin").

("User" menu)

- "Report - list of users" was added;
- "Users activity" registry was added - history of operations performed by users;
- (LAN license only) user administration tool was added: "Logged users";
- in the menu: **Change** item was deleted - change of user will only be possible from the

control menu ;

("User" -> "Add" or "Edit" menu)

- **active** option was added;
- **Authorization only for their own controls** option was added;
- **Default settings of a new control** option was added;

("Settings" -> "Program settings" menu)

- **Record user activity** option was added;

- **Delete the user log after** option was added;
- **domain authentication** option was added;
- in the "Default settings of a new control" box, **After reading the driver card data insert 1-minute work at each place entry** option was added (see: "Program settings" for more).

TachoScan Control features API (**A**pplication **P**rogramming **I**nterface).

- The API is available in the **TSC_API.dll** library, the program installation directory ("C:\Program Files (x86)\INELO\TachoScan Control\" by default);
- A summary of the features offered by API together with their parameters and execution status definitions is located in the header file: **TSC_API_interface.h** (the same directory);
- the Interface can be used by any application, webservice or other tool using C, C++ or possibly C#.

The list of administrator privileges was placed in the: "Program management - administrator" topic.

Infringements and manipulations report

("Reports" -> "Infringements and manipulations" menu)

- For **Analysis according to** option, the AETR analysis method was removed;

Update:

If you had the option (AETR) selected, the program will change it to AETR 2010.

- Print preview: in the report header all vehicle registration numbers that the driver drove in a controlled period of time were added. Numbers are displayed in order of their occurrence;
- Inspection annotations button was added which allows to add a general note for the whole check;
- "Approved" column name was changed to **Infringement**;

Comparison of driver card activity with tachograph

("Reports" -> "Infringements and manipulations" menu)

- **Compare activities**, tab was added, where the differences between the tachograph data and the data downloaded from the driver card are listed. In the comparison, you can also view the data as recorded by the tachograph when the card was removed;
- the tab is only visible for: **control in the premises** (option (edit control window "Control" -> "Edit current control parameters" menu))

("Settings" -> "Analysis settings" menu, "Analysis" tab)

- **Activities recorded in the card that are not in any tachograph** option was added;
- **Activities recorded in the tachograph that are not in any card** option was added.

Settings

("Settings" -> "Analysis settings" menu, "Analysis" tab)

- **Include 45 min break in resting time (AETR only)** option was removed;
- **Regular daily rest taken too late on the ferry analyze as;** option was removed;

Update:

The analysis will run as if the option: **Regular daily rest taken too late on the ferry analyze as: -> too short rest infringement** was checked (the program requires regular daily rest time).

("Settings" -> "Program settings" menu)

- **Default settings of a new control** option was added;
- **update the last download date during downloading the data from driver card** option was added;

Control report

("Reports" -> "Control report" menu)

- **Print preview:** in the report header all vehicle registration numbers that the driver drove in a controlled period of time were added. Numbers are displayed in order of their occurrence.

Speed chart

(e.g. "Data" -> "Digital tachograph data" menu, "Speed chart" tab)

Depending on the option below, the speed chart will be displayed in different colors:

- **Include daylight saving time** (Option unchecked):
 - Speed according to Regulation 3821/85 - **red**;
 - Detailed speed 4/sec (so-called S-file) - **zielony**;
- **Include daylight saving time** (Option checked):
 - Speed according to Regulation 3821/85:
 - summer - **light red**;
 - winter - **dark red**;
 - Detailed speed 4/sec (so-called. S-file):
 - summer - **light green**;
 - winter - **dark green**;

Reminder:

The TachoReader Combo Plus version "A" (serial number ends with the letter "A") has the ability to download detailed speed data (S-file) - in the configurator select the **Speed data from VDO tachograph (S-file)** option.

Approximated distance in kilometers - source designation

("Data" -> "Driver card and record sheet data" menu, open any day from the driver card containing driving events;
or "Digital tachograph data", open any day, go to the: "Activities on a specific day" tab)

In the action list and the print preview of the actions (), the designation of the approximated kilometers source was added:

-  averaged km;
-  km averaged taking place entries in the card into account;
-  km averaged taking place entries in the tachograph into account;
-  km calculated based on detailed speed data or odometer readings;

Below the list of activities a legend with the description of the sources was added.

Import of data from tachograph to the card

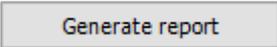
("Data" -> "Import of data from tachograph to the card" menu)

After importing the tachograph data:

- by default, all the data (all item in the vehicle list) is displayed on the daily chart of the driver card: "Data" -> "Driver card and record sheet data" menu) rather than just the activities of the imported vehicle;
- activities from the driver card and tachograph for the same vehicle were separated;

Report - summary of all controls

("Control" menu)

- in the "Edit/view selected control" window,  button was added, displaying: **Report - summary of all controls**;

Printing of activities - driver's daily chart

("Data" -> "Driver card and record sheet data", menu, open any day from the driver card containing tachograph data and speed record)

- the possibility to print a list of activities for any date range was added - to the  button, a drop down menu () was added where : **Current day** and **Range of dates** items were added;
- each daily chart and speed chart visible in the window will be added to the **current day** activities print preview;
- **Speed chart** option was moved under daily chart from tachograph - slot 1;

History of downloads

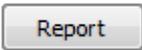
("Data" menu)

- in the drop-down menu, **Add/edit annotation** and **Delete annotation** items were added;
- **Annotation** column was added to the readouts list;
- In the print preview (Report preview), **Annotation**, line was added below which the note text will appear.

Events and faults - codes and pictograms

Change related to items: 2.54. EventFaultType, 2.55. EventFaultRecordPurpose and 2. Pictogram combinations - Council Regulation (EEC) No 3821/85.

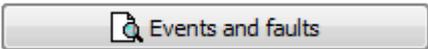
("Data" -> "Digital tachograph data" menu, open any day from the tachograph)

- in the **Events and faults, Activities, events and faults in the table** tab and the corresponding reports ( button) event log in the form of pictograms and codes (Pictograms and Code columns) was added;; Pictograms i Code);
 - in the **Event** column, descriptions were grouped by type, e.g, **General events, recording equipment faults**, etc.

("Reports" menu)

- This change was also implemented in the report: "Events and faults from digital cards".

("Data" -> "Driver card and record sheet data" menu, open any day that also contains a tachograph reading)

- recording of pictograms and codes is also included in the **Events and faults** tab and the corresponding report:  .



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